Contract CR2005
Provision of Services to Conduct Environmental Impact Study

Environmental Impact Study (Windsor & Eng Neo Avenue Forest) Final Report

Study Stage: Final

Volume 5 of 5

Submitted by:
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13. Proposed Environmental Monitoring and Management Plan

The proposed EMMP is prepared for environmental impacts of the construction, commissioning and operational phases associated with the Project in overall for comprehensiveness of the study as well as to provide an overall picture of the potential roles and responsibilities required during each phase of the Project. The coverage of the proposed EMMP involves the environmental parameters that were assessed, namely air quality, airborne noise, ground-borne vibration, hydrology and surface water quality, soil and groundwater, and biodiversity. The EMMP details how the key mitigation measures recommended from the impact assessment/study are to be implemented and specifies environmental monitoring measures to assess the effectiveness of the proposed mitigation measures. These EMMP measures were also summarised and documented in the EIR (See Appendix A).

- During construction phase, this document is intended to provide a broad framework for various players in the construction phase to develop a more contract-specific EMMP, as per their responsibilities in Section 13.4 in order to comply with LTA's SHE specifications and any contract-specific requirements.
- During commissioning phase, this document is intended to provide a broad framework for various players with similar roles and responsibilities from construction phase (see Section 13.4) to further compliment their environmental protection effort by developing and implementing contract-specific EMMP after the completion of all the major construction activities. This is also to ensure smooth transition of the Project before handing over to the Rail Operator in operational phase.
- During the operational phase, this document is intended to provide a brief understanding of the responsibilities of Rail Operator (see Section 13.5) and other relevant personnel who perform or ensure the implementation of minimum control measures as per the relevant legislations and the proposed mitigation measures based on the impact assessment/study findings.

This section outlines the objectives of the EMMP, the Project organisation, describes the roles and responsibilities relevant to implementation of the EMMP, and summarises the EMMP requirements for each discipline. A summary of the proposed EMMP of different phases, incorporated with the relevant minimum controls and key mitigation measures, is provided in Section 13.13.

13.1 EMMP Objectives

The EMMP details the implementation and deliverables of the key mitigation measures recommended from the impact assessment for each technical discipline. The EMMP progressively scrutinises construction, commissioning and operational activities as they ensue and applies flexible monitoring and management procedures to protect the Project's environmental values throughout the Project period. The objective of the EMMP is twofold:

a) Environmental monitoring focuses on overseeing those impacts to the Project's environmental values from construction and commissioning phases are within the anticipated level and tackle unforeseen impacts that may arise; and

b) It also tracks the effectiveness of the recommended mitigation measures to allow amendment or review of the mitigation measures to better address any issues faced during construction, commissioning and operational phases of the Project.

Environmental management employs a more active approach to ensure those impacts on flora and fauna are directly avoided through documentation, auditing and enforcement.

13.2 Project Organisation during Construction and Commissioning Phases

The proposed Project organization and lines of communication with respect to environmental protection works for construction and commissioning phases of this Project are presented in Figure 13-1. The roles and responsibilities of the various parties responsible for implementing the EMMP during the construction and commissioning phases are outlined in Section 13.4.

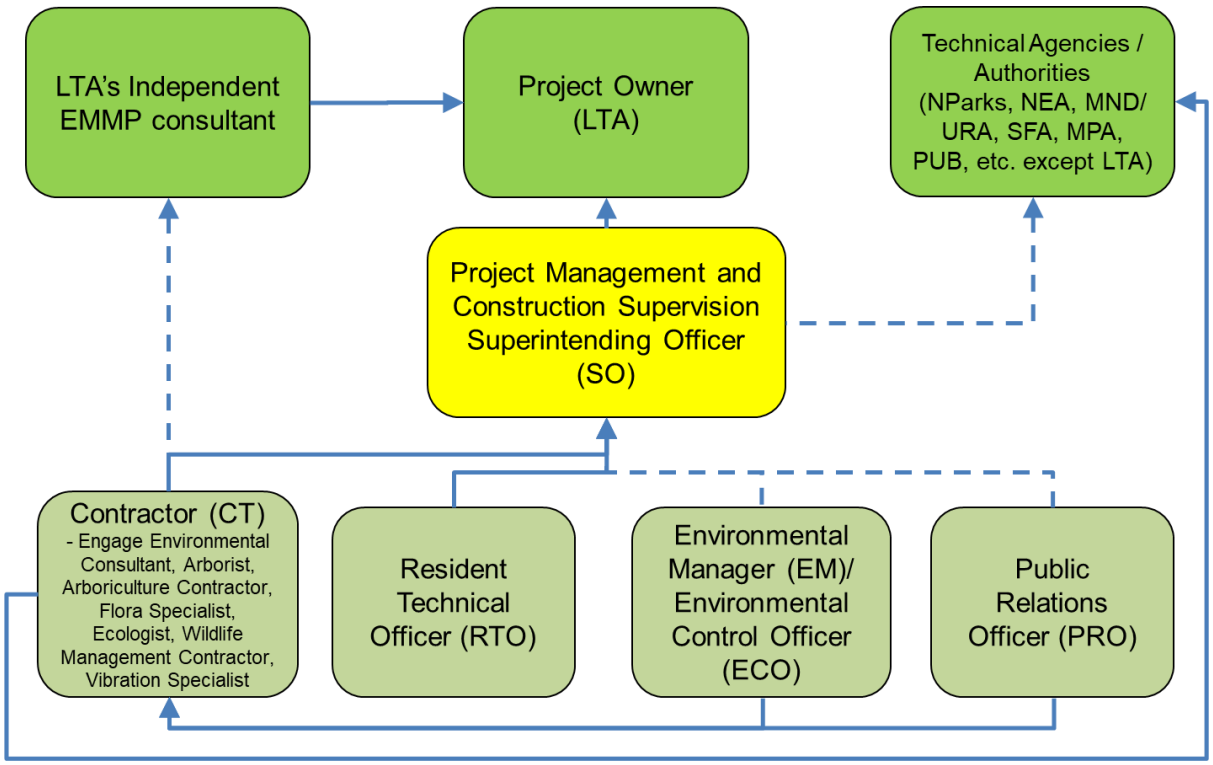


Figure 13-1 Project Organization and Lines of Communication during the Projects' Construction and Commissioning Phases

13.3 Project Organisation during Operational Phase

The proposed Project organization and lines of communication with respect to the general management and implementation of the recommended minimum control measures as well as key mitigation measures during operational phase of this Project are presented in Figure 13-2, forming a typical Environmental Management Committee or as part of the Environmental, Health and Safety (EHS) Committee for a particular organization/operation. The roles and responsibilities of the various parties involved in the operational phase are outlined in Section 13.5.

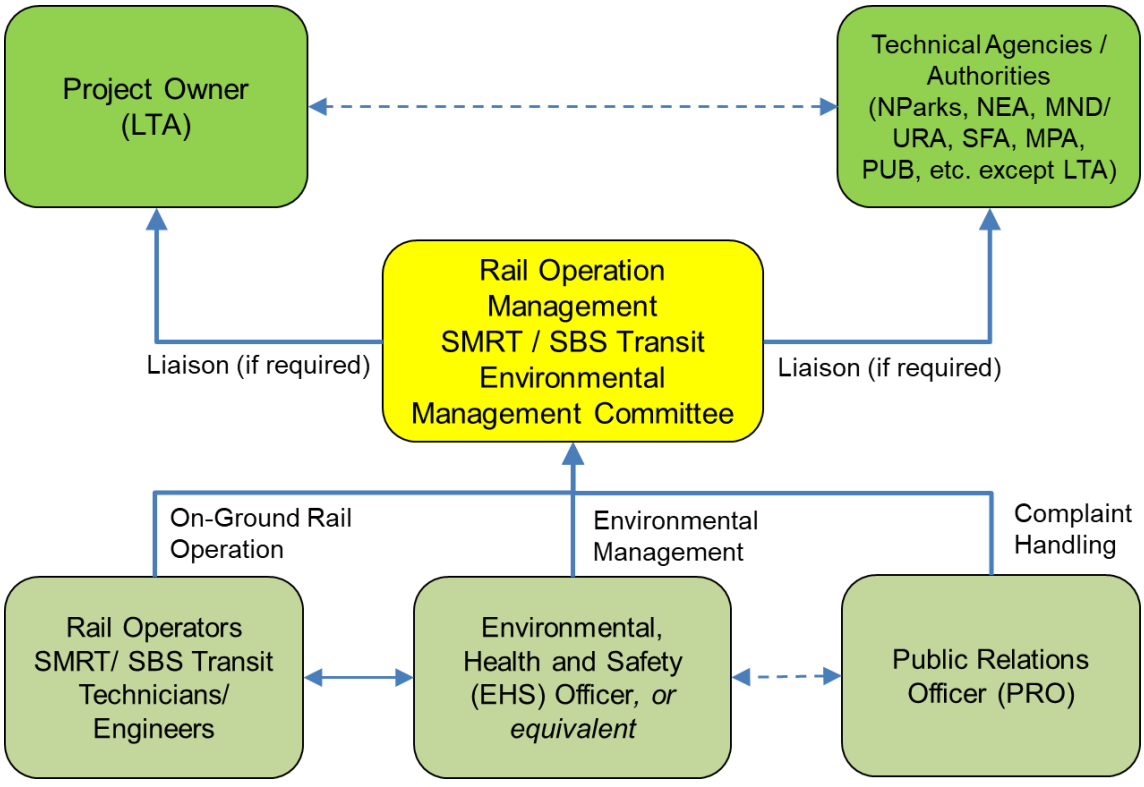


Figure 13-2 Project Organization and Lines of Communication during the Projects' Operational Phase

13.4 Roles and Responsibilities during Construction and Commissioning Phases

This section describes the roles and responsibilities of the EMMP members presented on the organisational chart for construction and commissioning phases in Section 13.2.

13.4.1 Technical Agencies

Technical agencies constitute but are not limited to NParks, PUB, NEA, and URA. These agencies shall assess and approve the detailed EMMP for the construction and commissioning phases prior to commencement of works and where required during the course of the relevant Project phases.

13.4.2 Project Owner (LTA) and Resident Technical Officer (RTO)

LTA, being the Project owner, oversees the construction and commissioning phases of the Project in accordance with the design. LTA, in conjunction with the Resident Technical Officer (RTO) (Contractor), are required to:

- Ensure resources are available to achieve the requirements of the EMMP;
- Provide leadership in the development and implementation of the EMMP;
- Ensure all environmental incidents and near misses are promptly investigated and reported;
- Resolve any non-compliance issues;
- Record, respond to, and action on any complaints from members of the public, if any, with inputs from the Technical agencies, if required; and
- Reporting to the Technical Agencies regarding implementation of the EMMP.

13.4.3 Superintending Officer (SO)

The Superintending Officer is responsible for overseeing the construction works undertaken by various staff, Contractors and sub-contractors. The SO should ensure that the construction works are performed by the Contractors and personnel in accordance with the specification, contractual requirements, and EMMP. The SO should also:

- Communicate the requirements of this plan to all staffs, Contractors and sub-contractors
- Monitor all staffs, Contractor's and sub-contractor's compliance with contract specifications and regulatory requirements, including the implementation of the environmental mitigation and monitoring measures and ensure their effectiveness, and other aspects of the environmental audit program;
- Coordinate with the Project's EM/ECO to monitor and participate in the implementation of the environmental audit program, and ensure that the requirements in the environmental audit program are correctly followed;
- Implement measures to reduce impacts where emission/discharge levels are exceeded;
- Coordinate with the Project Owner and RTO for submission of environmental audit reports;
- Carry out any complaint investigations with PRO (see Section 13.4.5);
- Resolve any non-compliance issues; and
- Promote environmental awareness and responsibility and lead by example.

13.4.4 Contractor (CT)

The term "Contractor" refers to all construction Contractors and sub-contractors working onsite at any time, which also the "Occupier of Construction Site" as defined by NEA. In addition to reporting to the SO, the Contractor should:

- Work under the relevant contract scope, specifications, and other tender conditions;

- Ensure that the roles of Environmental Manager (EM), Environmental Control Officer (ECO), Certified Arborist, Arboriculture Contractor, Flora Specialist, Ecologist, Wildlife Management Contractor(s) are adequately resourced;
- Notify the Director-General of Public Health on the employment of ECO (also applicable for EM who shall also be an registered ECO in the context of this Project) by submitting the Notification on Employment of Environmental Control Officer (as per the format *in the NEA's Code of Practice of Environmental Control Officers*), as well as to notify in writing to the Director-General of Public Health and to employ another registered ECO/EM within 14 days of the termination of the employment of the originally appointed ECO/EM;
- Employ a temporary ECO or engage a registered Workplace Safety and Health Officer (WSHO) with valid ECO certificate obtained under NEA if both EM and ECO working on the construction site are on leave or absent for more than 5 days, and neither of them can take on the work responsibility of an ECO during the absence period;
- Endorse and submit the Site Environmental Control Programme prepared by the ECO/EM to the Director-General of Public Health at least two weeks before work commences on the construction site;
- Discuss about the Site Environmental Control Report with the EM/ECO within one week on receipt of the report, then countersign and stamp after finalization and implement the recommendations made by the ECO;
- Keep the Site Environmental Control Report available for inspection by the Director-General of Public Health or Public Health Officers when required, as well as to submit when required to so by the Director-General of Public Health;
- Participate in the required environmental site audits (via the SO) undertaken by a registered EM/ECO and undertake any corrective actions;
- Provide up-to-date information and advice to the RTO, SO, EM, ECO, Certified Arborist, Arboriculture Contractor, Flora Specialist, Ecologist, Wildlife Management Contractor(s) regarding any work activities which may contribute or continuously create adverse environmental conditions, or any changes to the work plan;
- Implement measures to reduce impacts where emission/discharge levels are exceeded;
- Prepare a detailed contract-specific EMMP, incorporating the relevant mitigation measures and monitoring works recommended in this study and seek technical agencies' approval prior to the commencement of any works for the construction and commissioning phases of the Project. This detailed EMMP shall include, as a minimum, a Standard Operating Procedure (SOP) detailing:
    - Handling and storage of hazardous chemicals;
    - Biodiversity management plan;
    - Individual environmental management plans as detailed in the LTA's SHE Specifications (air, vector, waste, noise, water pollution management plans);
    - Monitoring plans (including but not limited to noise, air, waste, ecology and water pollution);
    - Environmental Impact Register;
    - Existing legislation and environmental best practices to be implemented; and
    - Contingency planning during emergency situations.

13.4.4.1 Environmental Personnel

According to LTA's SHE Specifications, the Contractor shall comply with all legislative safety, health and environmental (SHE) requirements as stipulated. SHE personnel refer to Workplace Safety and Health Officer (WSHO) registered with the Ministry of Manpower (MOM) and ECO registered with the NEA. After consultation with LTA, the Contractor shall engage the following environmental personnel during the construction and commissioning phases of this Project:

- Environmental Consultant, with strong and relevant experiences in developing and implementing EMMP for similar or larger construction Projects;
- Environmental Manager (EM), who is a NEA-registered ECO with strong and relevant experiences, to oversee/ lead/ guide environmental monitoring and auditing works on the construction site; and

- Environmental Control Officer (ECO), who shall assist the EM and is also registered with NEA, to perform and/or ensure implementation of EMMP, mitigation measures and minimum control measures on site.

13.4.4.1.1 *Environmental Consultant*

An environmental consultant shall be engaged by the Contractor to develop a contract-specific EMMP for implementation by all parties, including EM/ECO and relevant workers on site. The appointed environmental consultant may be required to re-establish baseline environmental conditions and perform the recommended environmental monitoring works throughout the construction and commissioning phases, as well as to provide environmental advisory services for the Contractor and to liaise with the authorities, stakeholders and/or LTA's independent EMMP Consultant from LTA during external audit (see Section 13.12.1.2), when necessary.

13.4.4.1.2 *Environmental Manager (EM)/ Environmental Control Officer (ECO)*

General Introduction

The Environmental Control Officer (ECO) Scheme was launched by NEA on 1 April 2000 to advocate good environmental practices within construction sites. Under the Environmental Public Health Act (EPHA), a part-time ECO working at least 15hr/week is required for construction sites with contract sum of between $10 million and $50 million, whereas a full-time ECO working at least 40hr/week must be engaged by construction sites with contract sum exceeding $50 million.

The main role of a registered ECO is to advise the Occupier of the construction site on what needs to be done, which include advising construction site's Contractors on environmental remediation measures, facilitating compliance with the environmental laws, carrying out site inspections and engagement of stakeholders for environmental lapses, as well as educating workers on maintaining good environmental health standards. NEA has also specified that the role of ECO(s) in general would comprise the following aspects:

- Disease-bearing insects and rodents;
- Proper disposal of construction waste/ marine clay;
- Noise, air and water pollution;
- Earth littering;
- Siltation of drains;
- Food hygiene in on-site canteens (if any);
- Proper maintenance of septic tank(s)/ holding tank(s), chemical/ portable toilet(s) and other sanitary facilities; and
- Any other environmental health matters.

The registered ECO(s) shall be employed by the Occupier of the construction site (the Contractor) but may not be in any way as an associated body of the Contractor, the SO, or the Project's SHE team.

For this Project

As mentioned, both EM and ECO are environmental control officers registered under NEA. In view of the scale and nature of this Project, during construction and commissioning phases, EM shall be the leading role and is expected to have prior experience in EMMP for Projects with biodiversity sensitivity to manage and oversee the overall EMMP implementation and act as the key liaison with agencies and stakeholders on environmental-related matters when necessary; while the ECO can be the same person if possible, else a supporting role officer who is responsible for most of the implementation of EMMP and relevant environmental measures on ground.

Generally, a NEA-registered ECO (applicable for EM and/or ECO of this Project) shall comply with the latest NEA's *Code of Practice for Environmental Control Officers*, where the duties include but not limited to:

- Prepare and submit a Site Environmental Control Programme based on the latest required format in Appendix 2 of the above-mentioned code of practice, within one month after the commencement of works on the construction site to NEA (after reviewed by the Project Owner LTA) via Form SG;
- Prepare and submit the Site Environmental Control Report(s) based on the latest required format in Appendix 3 of the above-mentioned code of practice, after the commencement of construction works, and at least once a month or any other frequency required by NEA and/or LTA throughout the construction and commissioning phases;
- Identify and attend to all environmental issues, inform the Occupier of the construction site accordingly, and recommend measures to rectify the irregularities;

- Assist the authorities to investigate environmental issues and outbreaks of infectious, vector-borne or food-borne diseases on the construction site; and
- Organise campaigns, training, toolbox briefings and other relevant courses to develop the capability of all relevant workers in implementing EMMP, as well as to raise their environmental and biodiversity awareness in maintaining good environmental performance on site.

Resources to implement the environmental monitoring program should be allocated time to fulfil the environmental audit/ inspection requirements during construction works. The EM/ECO shall work closely with other EMMP members to ensure environmental compliance of the construction sites, as well as to ensure proper and safe working condition of relevant construction facilities and equipment:

- Oversee and manage the implementation of minimum control measures, mitigation measures and EMMP on site;
- Coordinate with various parties with respective to EMMP, which include:
    - Liaise with the SO and/or WSHO regarding equipment, locations, and schedule of monitoring and auditing works; and
    - Coordinate among the Client, Contractor, and other personnel within the Biodiversity Team for the implementation of the EMMP measures for biodiversity.
- Formulate and implement the environmental monitoring and audit program as required in this document;
- Monitor compliance with conditions in the EMMP, relevant environmental protection, pollution prevention and control regulations and contract specifications;
- Analyse environmental monitoring data and audit findings, review the adequacy of implementation of mitigation measures, identify adverse environmental impacts, and liaise with the SO;
- Carry out weekly site audits/ inspections against the Contractor's site practices, equipment and work methodologies with respect to pollution control and environmental mitigation, and effect proactive actions to pre-empt problems in coordination with the SO;
- Report the results of the environmental monitoring works and audit program, and any required changes to meet the requirements of the EMMP and legal obligations to the SO in a timely manner; and
- Coordinate the investigation of biodiversity-related incidents;
- Provide solutions and address complaints related to environmental incompliances or related incidents, with cooperation from SO and/or WSHO; and
- Compile and submit the updated findings, along with completed remedial actions supported by photographs to LTA fortnightly in the form of an Environmental Performance Report (also known as Environmental Inspection Report).

13.4.4.2 Arborist

An Arborist certified by the International Society of Arboriculture (ISA) plays an important role as part of the biodiversity monitoring programme during both construction and commissioning phases of this Project. He/She shall possess previous work experience in developments of similar size or complexity who is able to demonstrate capability in monitoring and managing all matters related to the adequate and successful conservation of trees and flora within and adjacent to the contract boundary. A detailed description of biodiversity monitoring programme is provided in Section 13.6, where the key responsibilities of the Arborist are listed as follows:

Construction Phase

The key responsibilities of an ISA-certified Arborist during construction phase include but not limited to:

- Carry out tree mapping and assessment;
- Implement tree protection plans;
- Provide advice on tree transplanting;
- Review Contractor's method statements for site clearance, tree felling and setting up of tree protection zones (TPZ);
- Assess forest edge effects and its associated changes;
- Implement tree maintenance and care; and

- Carry out monthly tree inspection and reporting.

Commissioning Phase

The key responsibilities of an ISA-certified Arborist during commissioning phase include but not limited to:

- Implement tree maintenance and care; and
- Carry out monthly tree inspection and reporting.

13.4.4.3 Arboriculture Contractor

The Arboriculture Contractor should meet NParks' safety requirements for work at height and LTA's requirements for temporary works along roadsides. All arboriculture workers engaged by the Arboriculture Contractor to perform tree climbing and chainsaw work shall possess a valid basic tree climbing certification based upon demonstrated competence in the Workforce Skills Qualifications (WSQ) module conducted by Centre for Urban Greenery and Ecology (CUGE) or an equivalent WSQ-approved training organisation; and

The arboriculture crew deployed by the Arboriculture Contractor for the Contract shall possess the following valid competences:

- Operation of chainsaw for ground work (LS-MT-103E-1);
- Chainsaw safety and maintenance (LS-MT-102E-1);
- Perform formative pruning of young trees (LS-MT-114E-1);
- Provide Arboriculture support on site (LS-MT-116E-1);
- Workplace safety and health – operators (ES-WSH-101G-1);
- Respond to Emergency (LS-HM-208E-1);
- Perform advance rigging and climbing techniques (LS-HM-308S-1);
- Perform aerial tree access and aerial rescue skills (LS-HM-204S-1);
- Implement and apply appropriate risk and safety management to sector practices (LS- BP-301S-1);
- Prepare risk assessment report (LS-HM-406S-1); and
- Operate and work from an elevated work platform (CUGE-ARB-3501).

Construction Phase

The certified Arboriculture Contractor shall be responsible for pruning and maintenance of retained trees, as well as felling of trees during the construction phase of this Project.

Commissioning Phase

The certified Arboriculture Contractor shall be responsible for pruning and maintenance of retained and newly planted trees, as well as felling of trees (if required) during the commissioning phase of this Project.

13.4.4.4 Flora Specialist

For this Project, a Flora Specialist plays an important role in the implementation of flora-related EMMP measures (e.g. Flora Management Plans) as part of the biodiversity monitoring program during both construction and commissioning phases of this Project. He/She shall possess previous work experience in developments of similar size or complexity who is able to demonstrate capability in implementing flora management plans. A detailed description of biodiversity monitoring programme is provided in Section 13.6, where the key responsibilities of the Flora Specialist are listed as follows:

Construction Phase

The key responsibilities of a qualified Flora Specialist during construction phase include but not limited to:

- Review soil investigation locations and proposed site access to minimise excessive vegetation removal;
- Identify plant species (e.g., climbers, shrubs, epiphytes, ferns) of value that can be extracted for propagation and harvesting;
- Recommend weed and invasive species management if necessary;

- Review planting palette of reforestation works and ensure that the specifications for planting are met; and
- Carry out monthly flora inspection and reporting.

Commissioning Phase

The key responsibilities of a qualified Flora Specialist during commissioning phase include but not limited to:

- Recommend additional weed and invasive species management if necessary; and
- Carry out monthly flora inspection and reporting.

13.4.4.5 Ecologist

For this Project, an Ecologist plays an important role in the implementation of fauna-related EMMP measures as part of the biodiversity monitoring program during both construction and commissioning phases of this Project, who can also be known as a Fauna Specialist. He/She shall possess a degree (or equivalent) in ecology-related fields with experience in implementing fauna management plans. In addition, at least two (2) valid certifications of the following:

- Animal Management Professional Certification Programme (PCP) – Basic Module (CUGE-PCP-7006A)
- Animal Management PCP – Intermediate Elective Module – Mammals (CUGE-PCTP-7006C)
- Animal Management PCP – Intermediate Elective Module – Reptiles (CUGE-PCP-7006B)

A detailed description of biodiversity monitoring programme is provided in Section 13.6, where the key responsibilities of the Ecologist are listed as follows:

Construction Phase

The key responsibilities of a qualified Ecologist during construction phase include but not limited to:

- Carry out fauna monitoring surveys including terrestrial transect surveys, aquatic sampling and camera trapping;
- Implement fauna management during site clearance;
- Carry out pre-felling fauna inspections;
- Carry out monthly fauna inspection and reporting; and
- Facilitate the implementation of the fauna response plan.

Commissioning Phase

The key responsibilities of a qualified Ecologist during commissioning phase include but not limited to:

- Carry out fauna monitoring surveys including terrestrial transect surveys, aquatic sampling and camera trapping; and
- Carry out monthly fauna inspection and reporting.

13.4.4.6 Wildlife Management Contractor

For this Project, the Wildlife Management Contractor (with at least one veterinary professional with experience within the team) would be responsible in carrying out animal rescue, trapping and transport of large fauna if any human-wildlife conflicts are encountered during construction and commissioning phases on site. The Wildlife Management Contractor shall be listed under NParks' public register of certified Wildlife Management Contractor and have experience carrying out animals rescue, trapping and transport of large fauna.

A detailed description of biodiversity monitoring programme is provided in Section 13.6, where the key responsibilities of the Wildlife Management Contractor are listed as follows:

Construction Phase

The key responsibilities of a qualified Wildlife Management Contractor during construction phase include but not limited to:

- Carry out fauna rescue and translocation in consultation with attending Ecologist and NParks; and
- Propose trapping of fauna in consultation with attending Ecologist and NParks to satisfy Section 10 of the Wildlife Act.

Commissioning Phase

The key responsibilities of a qualified Wildlife Management Contractor during commissioning phase include but not limited to:

- Carry out fauna rescue and translocation in consultation with NParks.

13.4.4.7 Vibration Specialist

- Vibration Specialist, with strong and relevant experiences, to oversee/ lead/ guide vibration monitoring on the construction site, and to ensure it is carried out according to guidelines and standards;
- Vibration Specialist, who shall assist the ECO, to perform and/or ensure implementation of EMMP, mitigation measures and minimum control measures on site.

13.4.5 Public Relation Officer (PRO) for Complaint Handling

The Public Relation Officer (PRO) is responsible for handling complaints and managing feedback and investigative work. The PRO shall be supported by the Project Owner, RTO, SO, EM/ECO, Contractor representatives, and any other relevant parties.

During the construction and commissioning phases, upon receipt of complaints, the PRO should undertake the following procedures:

- Log the complaint and record the date when the complaint is received onto the complaint database and inform the Project Owner, SO, EM/ECO immediately;
- Investigate the complaint with the EM/ECO to determine its validity and assess whether the source of the problem is due to construction works;
- If a complaint is valid and due to construction works, liaise with the EM/ECO on the mitigation measures and seek agreement from SO;
- Review the current situation and the EM/ECO's and SO's implementation of the mitigation measures;
- Engage the EM/ECO to undertake additional monitoring and auditing to verify the complaint if necessary. Ensure that any valid reasons for complaints do not re-occur by revising the work methods, procedures, machines and/or equipment, etc.;
- Submit a complaint report (as well as the implementation of mitigation measures and the effectiveness of the mitigation measures as advised by the EM/ECO) to the Project Owner, RTO and the SO; and
- Log a record of the complaint, investigation, follow-up actions and the results in the environmental audit reports.

The EM/ECO and SO should provide all the necessary information and assistance to the PRO in order to complete the complaint investigation. Following the investigation, the Contractor should promptly undertake the mitigation measures. The PRO and SO should ensure that the measures have been appropriately implemented. The Contractor, RTO, and SO should also be responsible for the reporting of complaint investigation results and followed up actions to the Project Owner. The complaint investigation report and corrective action plan should be prepared and approved by LTA and/or other relevant Authorities within 24 hr upon receipt of complaints.

13.5 Roles and Responsibilities during Operational Phase

This section describes the roles and responsibilities of the EMMP members presented on the organisational chart for operational phase in Section 13.3.

13.5.1 Technical Agencies

Consultation and engagement with the technical agencies (e.g. NParks, PUB, NEA, etc) may be required if there are any major environmental concerns affecting their property, land boundary and/or related to the respective scope of responsibilities, or when inputs from technical agencies are necessary in addressing any major public complaints due to environmental incidents arising from the rail operation (if any) of this Project.

13.5.2 Project Owner (LTA)

The Land Transport Authority (LTA) is a statutory board in Singapore under the Ministry of Transport responsible for public transport in Singapore, which is also the Project owner for this Project.

During the operational phase, under LTA's New Rail Financing Framework (NRFF), LTA owns the rail operating assets (e.g. trains, signalling system) and other associated infrastructure (e.g. viaducts, tunnels, tracks). The role of LTA as the owner involves making decisions on building-up, replacement and upgrading of the rail operating assets and infrastructure, while the licensed rail operator (e.g. SMRT Trains, SBS Transit) is responsible for the operation and maintenance of those assets and infrastructure.

LTA oversees the rail operations and management of the rail operator during the operational phase. In terms of environmental management, the responsibility of LTA includes:

- Regulate the rail operation and maintenance through the stipulated Operating Performance Standard (OPS), Maintenance Performance Standards and ISO14001 Environmental Management System;
- Ensure resources and appropriate personnel are available to achieve the environmental requirements;
- Provide leadership in maintaining overall environmental performance;
- Ensure all environmental incidents and near misses are promptly investigated and reported by the rail operator;
- Resolve any environmental non-compliance issues with the assistance from the rail operator; and
- Record, respond to, and action any complaints from members of the public, if any, with inputs from the Technical agencies, if required, and
- Liaise with the Technical Agencies regarding any relevant issues arising from the environmental incidents, or environmental reporting and submission (if any) by the rail operator.

13.5.3 Rail Operator

As mentioned in Section 13.5.2, the role of rail operator (e.g. SMRT Trains, SBS Transit) is to operate and maintain the rail operating assets and infrastructure of the owner (LTA) which is governed under the NREF regulatory framework.

The responsibilities of rail operator shall include:

- Operate and conduct maintenance by complying with LTA's Operating Performance Standard (OPS), Maintenance Performance Standards and ISO14001 Environmental Management System;
- Allocate sufficient resources and appropriate personnel in maintaining environmental, health and safety of the rail operation;
- Appoint and work with EHS officer or equivalent to ensure environmental, health and safety of rail operations;
- Form an Environmental Management Committee who manage the overall environmental performance and for the decision-making in resolving any environmental-related issues reported by the on-ground rail operators and/or the EHS Officer, which include:
    - Investigate any environmental incidents or near misses identified by the EHS Officer and the on-ground rail operators, and report promptly to LTA;
    - Record, respond to, and take action on any complaints from members of the public, if any, with inputs from the Technical agencies, if required, and
    - Reporting to LTA and relevant Technical Agencies regarding environmental-related issues.

13.5.4 EHS Officer (or Equivalent)

In general, EHS Officer appointed by the rail operator is responsible for the overall environmental, health and safety during the operational phase of the Project. In terms of environmental management, the EHS Officer is required to:

- Conduct regular site inspections to ensure proper housekeeping as well as implementation of the minimum control measures and the proposed mitigation measures for operational phase in this report;
- Identify, record and report promptly any environmental non-compliance issues, incidents and near misses to the Environmental Management Committee; and
- Report the results of the environmental monitoring program, and any required changes, to meet the requirements of the EMMP to the rail operator and/or LTA in a timely manner.

13.5.5 Public Relation Officer (PRO) for Complaint Handling

The Public Relation Officer (PRO) is responsible for handling complaints and managing feedback and investigative work. The PRO shall be supported by the Project Owner, rail operator, EHS Officer and any other relevant parties.

During the operational phase, upon receipt of complaints, the PRO should undertake the following procedures:

- Log the complaint and record the date when the complaint is received onto the complaint database and inform the rail operator and EHS Officer immediately;
- Investigate the complaint with the rail operator's Environmental Management Committee and EHS Officer to determine its validity and assess whether the source of the problem is due to construction works;
- If a complaint is valid and due to operational works, liaise with the EHS Officer on the mitigation measures and seek agreement from the rail operator's Environmental Management Committee;
    - Review the current situation and the EHS Officer's implementation of the mitigation measures;
    - Engage the EHS Officer to undertake monitoring works for inspection purpose as well as to verify the complaint if necessary. Ensure that any valid reasons for complaints do not re-occur by revising the work methods, procedures, machines and/or equipment, etc.;
    - Submit a complaint report (as well as the implementation of mitigation measures and the effectiveness of the mitigation measures as advised by the EHS Officer) to the rail operator and/or LTA; and
    - Log a record of the complaint, investigation, follow-up actions and the results in the environmental inspection report.

The PRO should work with the rail operator's Environmental Management Committee and EHS Officer to gather all the necessary information and resources necessary to complete a complaint investigation. Following the investigation, the Project/ Operation Manager (who leads the Environmental Management Committee) and EHS Officer shall undertake appropriate mitigation measures. Follow-up is required by the PRO to ensure that the mitigation measures have been appropriately implemented. The complaint investigation report and corrective action plan should be prepared and approved by LTA and/or other relevant Authorities within 24 hr upon receipt of complaints.

13.6 Biodiversity EMMP Requirements

13.6.1 Construction Phase

At the construction phase, EMMP for both flora and fauna is essential in minimising and managing construction impacts.

13.6.1.1 Flora and Arboriculture Monitoring Programme

The flora and arboriculture monitoring aims to assess the impacts of construction to vegetation and habitat, such as tree health, unauthorised and/or excessive vegetation removal, edge effects, habitat degradation from soil erosion, and rubbish dumping. The programme should include the following:

Arboriculture Monitoring Programme should include the following works:

- Monitoring of the condition of trees at the new forest edge to determine the physiological health and structural stability of trees as edge effects can lead to die back of canopies, and branch and structural failures.
- Review of method statements of construction works in proximity to retained trees, if any, to determine if additional tree removal is required post-site clearance.
- Recommendation of solutions such as design changes, reduction of working space, reduction of TPZ area and reassessment of trees in cases of conflict with proposed works.
- Assessment of physiological health, vigour and structural stability of retained trees. Recommend additional mitigating measures if necessary.
- Assessment of the condition of retained trees, if any, to ensure that there has been no deterioration or mechanical damage and to determine if additional tree removal is required.
- Where a tree exhibits signs of stress, the Arborist should inspect the tree and advise on strategies to reduce further impacts and rehabilitation measures. Where monitoring indicates that drying out or edge impacts are occurring, remediation measures shall be undertaken. These measures may be temporary

(such as carrying out watering when there is seven continuous days without rainfall). Long-term solutions shall be investigated and implemented.

- Inspection of the integrity of TPZs.
- Identification of excessive or unauthorised tree removal.

Flora Monitoring Programme should include the following works:

- Monthly flora inspections shall be conducted within the worksite boundary and in forested areas adjacent to the worksite up to 15 m from the hoarding.
- Identification of any unauthorized removal of flora within areas of conservation or beyond the demarcated Project worksite (Figure 13-3).
- Identification of direct/indirect impacts to sensitive vegetation and habitats. Such impacts include soil erosion and degradation that has resulted from construction activities, and unauthorized dumping of waste material, construction debris or oil/chemical leakage.
- Identification of forest edge effects and recommendation of mitigation measures where necessary.
- Assessment of the status of invasive flora species and weeds and recommendation to remove them where necessary.
- Inspection of areas cleared of weeds to detect any seedlings of invasive species.
- Monitoring of the health of all retained and planted flora, including identification of diseases and recommendations for treatment.

Figure 13-3 Monitoring of Vegetation and Trees along the Hoarding Line for Unauthorised Vegetation Clearance and Forest Edge Effects.

13.6.1.2 Flora and Arboriculture Management Programme

The flora and arboriculture management programme aims to manage all matters related to the adequate and successful conservation of trees and vegetation within and adjacent to the contract boundary (up to 15-m from the contract boundary). The programme should include the following works:

Arboriculture Management Programme should include the following works:

- Tree Mapping and Assessment
    1. Trees within the worksite boundary, including any construction access roads, shall be mapped and assessed by the Arborist before work commencement.

2. Trees within the worksite boundary, including any construction access roads, shall be mapped and assessed by the Arborist. These specimens shall be tagged with a unique serial number.
3. The physiological health, presence of pests and diseases, and structural stability shall be assessed for all trees, single-stemmed palms and strangling Ficus species of ⩾ 1.0 m girth or spread, respectively.
4. Species of conservation significance—i.e., listed in Chong et al. (2009) as nationally Vulnerable, Endangered, Critically Endangered or Presumed Extinct (which indicates a rediscovery)—of ⩾ 0.3 m girth or spread shall also be assessed. The locations, girth/spread, and height of these specimens shall also be recorded. These specimens shall be tagged with a unique serial number.
5. The trees to be felled or retained shall be determined by the Arborist.
6. A photographic report shall be provided for the trees affected by the proposed works.
7. No trees shall be felled without prior approval from NParks.

- Tree Protection
    1. Where there are trees to be retained within the worksite, specifications shall be formulated by the Arborist for the setting up of tree protection zones (TPZ) to meet NParks requirements (Appendix W).
- Sapling Harvesting
    1. Viable saplings and conservation significant trees that are suitable for harvesting shall be identified by the Arborist. Saplings or trees suitable for transplanting should:
        1. Exhibit good physiological health and vigour
        2. Have no structural defects
        3. Have good branch form
    2. The root ball size to be extracted shall be based on the girth of the saplings or trees to be harvested as specified in Table 13-1.
    3. Prior to transplanting, dead branches and climbers shall be cleared from the plant and canopy load and spread will be reduced where necessary, in consultation with the Arborist.
    4. Manual trenching shall be carried out to determine the shape and size of root ball to be extracted. Where possible, feeder roots shall be retained without cutting.
    5. The root ball shall be bur lapped with cellophane sheet to reduce desiccation effects. When directed by the Flora specialist or Arborist, leaves of the canopy may also need to be enclosed and covered by cellophane or clear plastic bags.
    6. The root ball shall be secured to the trunk to reduce risk of root ball disintegrating.
    7. When handling/carrying the plant, care shall be taken not to damage any vegetative parts.
- Tree Transplanting
    1. Where trees and vegetation are moved or translocated within the Project area, the Arborist shall review the method statement proposed by the tree transplanting Contractor and advise on additional recommendations necessary to ensure the tree's health during transplanting. The transplanting contract shall ensure in their best effort, intact and secured root balls at the point of extraction, during the lifting processes and during the installation at the receiving site. The transplant effort shall be documented for each individual tree to show intact root balls at all the stages mentioned. Transplanted trees shall be managed through adequate watering and monitoring of their health to ensure their long-term survival. Advice shall be sought from the Arborist if the tree exhibit signs of stress, e.g. peeling bark, withered leaves.
- Site Clearance and Tree Felling
    1. The Contractor's method statements for site clearance, tree felling and setting up of TPZ shall be reviewed by the Arborist to ensure compliance to the specifications. The site clearance and tree removal method statements shall consider directional felling methods with a hinge and back cut. Trees shall not be removed by pushing with an excavator or other heavy machinery. Cranes shall be deployed to offset the tension of trunks in the direction of the drop. Interlocking canopy branches shall be pruned prior to tree felling.
    2. In cases where design changes may affect additional trees or the retained trees, the Arborist shall work with the structural engineers and recommend solutions that will meet NParks guidelines.
    3. Whenever reasonable and practicable, cleared vegetation at sloped areas shall be covered with mulch or with 100% biodegradable fauna-friendly ECBs to control erosion of exposed soil. Exposed ground shall be revegetated as soon as possible to stabilise surfaces and minimise re-entrainment of dust and potential for erosion of waste spoil to watercourses.
    4. Clearance activities on-site shall not occur during rainfall or when storm events are forecast to occur within the vicinity to protect forest edge from wind throw. Where forest edges are exposed to wind, temporary measures (e.g., additional hoarding) shall be discussed with the Arborist, and put in place to protect the forest edge during storm events.

5. During site clearance, care will be taken when removing trees in riparian zones to reduce impacts to the bed and banks of waterways.
6. Where practicable, saplings, seeds and seed banks will be retained within the soil profiles for use in forest restoration.
7. Horticultural waste shall be removed on the same day. This is essential to reduce risk of fauna taking refuge within the cleared waste if left overnight.

- Tree Maintenance and Care
  1. Where disease outbreaks are identified, the Arborist and/or Flora Specialist shall advise measures to manage them. Measures can include using selected insecticides/fungicides to control outbreaks; reduction of stressors (dust, water, etc.). The plant may be removed or quarantined if it poses a threat to surrounding individuals.
  2. Where forest edges are exposed following site clearance and where impacts to vegetation are evident (e.g., vegetation shows signs of drying out), additional watering shall be carried out to improve moisture differentials around forest edges.
  3. The use of herbicides, pesticide shall be minimised. If herbicides or pesticides are used within the Project area, techniques that limit spray or non-target spray drift shall be used. These techniques include but are not limited to: cut and paint techniques and drilling injection. All use of herbicides and pesticides shall be conducted in accordance with the relevant Material Safety Data Sheet (MSDS). Any incidents of off label use, spillage or damage to non-target species shall be reported and investigated.
  4. When the site experiences seven continuous days without rainfall, the Contractor shall carry out additional watering of conserved trees within the TPZs and at the forest edge (up to 10 m) around the development boundary.
  5. Post heavy rainfall, any snapped hanging branches that pose imminent hazards to workers within the site should be removed immediately

Table 13-1 Minimum Root Ball Diameter to Girth Requirements

Girth (m)	Minimum root ball diameter to extract (m)
<0.1	0.4
0.1–0.2	0.6
0.2–0.3	0.8
0.3–0.4	1.2
0.4–0.5	1.5
>0.5	To be determined by Arborist

Flora Management Programme should include the following works:

A. Verification and Review of Footprints for Hoarding, Access Roads and Soil Investigation Works
   - After the worksite hoarding has been installed, the Flora Specialist shall conduct and inspection to verify that the footprint is as proposed, and that no excessive vegetation and tree removal has occurred as a result of deviations in the hoarding alignment.
   - The Flora Specialist shall review the proposed locations for the soil investigation works and the alignment of the construction access roads with the Client/Contractor. Feasible alternatives, if possible, shall be proposed to minimise vegetation and tree clearance.

B. Weed and Invasive Species Management
   - Weeds and invasive species shall be cleared from the Project area progressively and shall be separated and transported to an appropriate disposal location. Transport shall occur within a covered vehicle to ensure seed/vegetative matter does not dislodge. All vegetative matter and seeds will be rendered inert at the disposal location through incineration at a licensed waste disposal facility. The Project area shall be carefully cleared of all remaining vegetative matter from the weeds/invasive species. Herbicides may be used to render any stumps/root systems inert. The cleared area shall be inspected on a monthly basis to detect any seedlings of invasive species. These seedlings shall be killed using approved herbicides or removed by hand weeding. Any seedlings or vegetative matter that may sprout will be disposed of at a licensed waste management facility.
   - Specific measures shall be undertaken to control and manage flora species within the Project area that have been identified to be invasive (i.e., *Spathodea campanulata, Cecropia pachystachya, Falcataria moluccana*). The Ecologist shall be consulted when managing

Falcataria moluccana groves as tall trees may serve as nesting sites for birds of prey. The Ecologist shall also be consulted for other weed and invasive species that may also provide important foraging resources. Material imported into the Project area shall be checked for contamination from weeds/invasive species seeds/vegetative matter at source. This is particularly important for imported building materials, such as clay and soil. Source site shall be inspected to determine presence of weeds/invasive species. Where weeds or invasive species are identified, alternative supply sources or decontamination shall occur before the material is transported to site.

C. Reforestation Planting Palette and Plant Salvaging for Reforestation and Landscaping
    - The planting palette including all flora and grasses used for reforestation and other landscape planting shall be from native indigenous stock or non-native species that are not listed as weeds or invasive species or have a low seeding rate.
    - All trees transplanted into the Project area shall have local provenance or will be from within the Johor region for all SRDB and IUCN listed species. Other species shall be obtained within the larger Sunda region. Due diligence shall be conducted on suppliers to ensure that the trees are obtained by legal means and are able to be exported/imported to Singapore. All imported trees shall be inspected and/or undergo quarantine if required to reduce the chance of transmission of weeds and soil pathogens.
    - The success of planting within landscape features shall be monitored. Where a planting strategy is not working, an alternative planting strategy shall be developed suitable for the location. Temporary measures shall be employed to reduce stress on planted individuals. The removal of sources of stress (such as dust) may also be required. If disease outbreaks are present, methods shall be used to control the outbreak or remove the diseased individual.
    - The flora specialist shall also identify other plant material, including ferns, epiphytes, orchids, shrubs, grasses, etc. that are of conservation value and work with NParks for the extraction of these plants by NParks to other sites.
    - The flora specialist shall formulate a salvaging protocol in consultation with NParks if salvaging of plant material is being carried out on site.

The flora specialists, arborists and the Arboriculture Contractor engaged should meet the expected qualifications as described in Section 13.4.4.4, Section 13.4.4.2 and Section 13.4.4.3 respectively.

Additionally, the Contractor should fulfil the following:

- The Contractor and the attending arborist shall complete the 'Verification of Tree Protection Checklist' prior to the start of site clearance (refer to Appendix W: Annex A).
- The Contractor shall instil discipline and raise awareness amongst all personnel on measures and mitigations to prevent damage to retained and protected trees throughout construction by including reminders on tree conservation guidelines within their daily toolbox briefings to workers and crane/excavator operators.

13.6.1.3 Fauna Monitoring Programme

Fauna monitoring surveys should comprise of transect surveys and site inspection surveys conducted together, at within and outside of hoarded areas. The programme should include the conducting of monthly diurnal and nocturnal fauna and site inspection surveys beginning one month prior to construction.

This should also include monitoring of proposed species specific mitigation measures such as the rope bridge (see Figure 13-4) and culvert enhancement (see Figure 13-6) as follows:

Specific Mitigation Measures to be Implemented

The specific mitigation measures mentioned here are to be implemented prior to work commencement on site.

- Rope Bridge (see Figure 13-4) – Three (3) rope bridges to be constructed along Island Club Road (Figure 13-4; Appendix S for specifications of rope bridge). Such rope bridges should be established at least 6 to 12 months before the construction works to allow fauna to adapt to such rope bridges prior to commencement of any on site construction activity. Arboreal camera traps to also be placed along these crossings to monitor wildlife usage.

- Road Calming Measures – Road signages and/or speed limitation and/or road humps to be constructed along Island Club Road and Fairways Drive Road. Besides, arrangement of trucks shall be optimised as

such that it can minimise number of truck trips (e.g. using tri-axle truck, conveying truck in two or three rather than individually).

- Construction of a culvert along Fairways Drive Road with a continuous barrier along the length of the road to “lead” pangolins to the culvert so that they do not cross the roads and potentially end up as roadkill (see Figure 13-5). Barriers should be at least 0.5 m and up to 1 m in height, with an overhang and made of a smooth material to prevent pangolin from scaling it. This will also be useful to minimise roadkill of snakes. Terrestrial camera traps to also be placed along these culverts to monitor wildlife usage.

- Enhancement of existing culvert along Island Club Road (subject to authority’s approval, see Figure 13-6). Planting vegetation on both sides of the culvert to encourage wildlife to use the culvert. *Melastoma malabathricum, Cyathea latebrosa, Blechnum orientale, Ficus alba, Ficus fistulosa* and *Dillenia suffruticosa* are some of the recommended plants to be used for enhancement planting. Planting should start from the forest edge (this includes both the Northern Forest Fragment and Windsor Nature Park sides) towards the culvert and should also be carried out 5-m from the side of the culvert. The planting should not be too dense and still allow light to pass through without affecting the flow capacity of the culvert. This should be conducted at six (6) months before commencement of works at the A1-W1 facility building in Windsor. Terrestrial camera traps to also be placed along these culverts to monitor wildlife usage.

Figure 13-4 Proposed Locations Where Rope Bridges Can Be Placed along Island Club Road

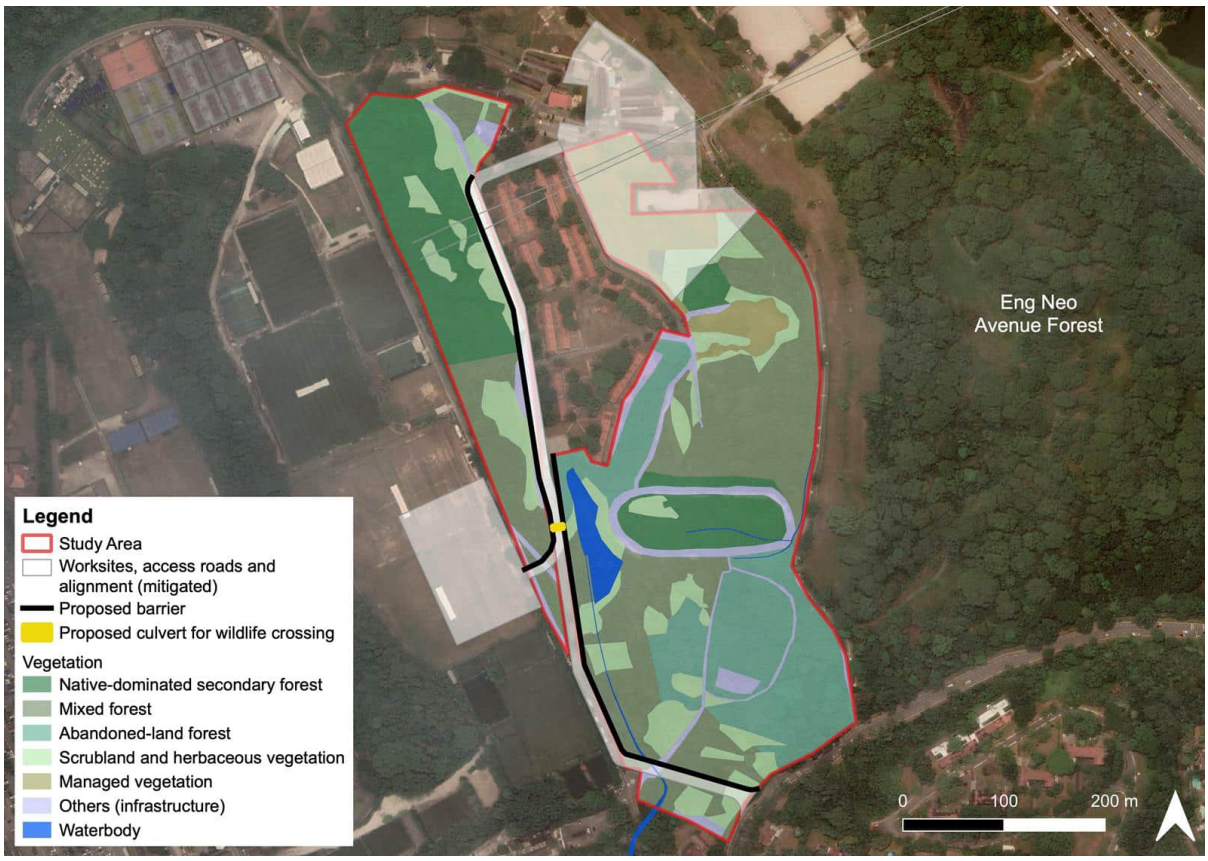


Figure 13-5 Location of Culvert and Barrier along Fairways Drive Road

Figure 13-6 Underground Passing under Island Club Road at Windsor

Monitoring of Specific Mitigation Measures Implemented

Monthly inspections of specific mitigation measures implemented such as rope bridges and culverts should be included as part of the EMMP. The following shall be noted during inspections.

- Visual inspection of structure to determine if the construction has damaged or affected them.
- Presence of trapped/injured/dead fauna.
- Potential fauna entrapments.
- Usage of implemented measures. This can be done as part of fauna surveys or site inspection. If necessary, camera traps should be used to help with monitoring.

Monthly Faunistic Surveys

Faunistic surveys are recommended to be conducted along terrestrial sampling routes and aquatic sampling points undertaken during the baseline studies (Figure 13-7 to Figure 13-10). This will include diurnal and nocturnal surveys, and terrestrial transect will have to be conducted in reverse direction on alternate months. All fauna encountered shall be identified to species, or the lowest taxonomic level possible. The locations of all fauna sightings shall be recorded using a handheld GPS. Important behavioural observations (e.g., displaying, guarding, mating, ovipositing) and plant species that the fauna was observed to be feeding, laying eggs, or nesting on, shall be recorded.

Subsequently, camera trap monitoring will also be installed and maintained for the purpose of monitoring impacts to fauna species within the study site during construction phase. Camera traps will be situated as closely as possible to those deployed during construction monitoring. In the event camera trap location falls within worksite, monitoring location would be removed. The camera traps will be deployed at approximately 20–30 cm above ground. They should be operational 24 hr a day and programmed to record a 10-s footage per trigger with a 10-s quiet period following each trigger. Camera trap maintenance and data retrieval should be carried out at least once a month.

All methodology for the faunistic surveys should closely follow that implemented for this impact study as summarized in Table 13-2, so as to ensure that the data collected can be used to compare against the baseline data. Comparison of species presence can be made with the baseline studies, where appropriate, to provide an indication of the changes in fauna diversity. Details of the surveys should be determined in consultation with NParks and should take into account construction phases, final construction footprint, final development hoarding plan, and baseline studies.

Surveys should target the following fauna groups detailed in Table 13-2.

Table 13-2 Summary of Survey Methods for Each Faunal Group

Faunal Group	Survey Timing (h)	Description
Odonates	0900– 1600	• Diurnal visual encounter surveys along terrestrial sampling routes and aquatic sampling points.
Butterflies	0900–1600	• Diurnal visual encounter surveys along the terrestrial sampling routes.
Freshwater Decapod Crustaceans And Fish	0900–1600, 2000–0000	• Diurnal visual encounter surveys along terrestrial sampling routes and aquatic sampling points.
Herpetofauna (Amphibians And Reptiles)	0700–1600, 2000–0000	• Diurnal visual encounter surveys along terrestrial sampling routes and aquatic sampling points.
Birds	0700–1000, 2000–0000	• Diurnal and nocturnal visual and auditory encounter surveys along the terrestrial sampling routes
Non-Volant Mammals	0700–1000, 2000–0000	• Diurnal and nocturnal visual and auditory encounter surveys along terrestrial sampling routes • 13 terrestrial camera traps (i.e. 5 in Sites I and II and 8 locations in Windsor) and 6 arboreal camera traps (i.e. 6 locations in Windsor) deployed across the Study Areas

Faunal Group	Survey Timing (h)	Description
Bats	2000–0000	• Acoustic recording along terrestrial sampling

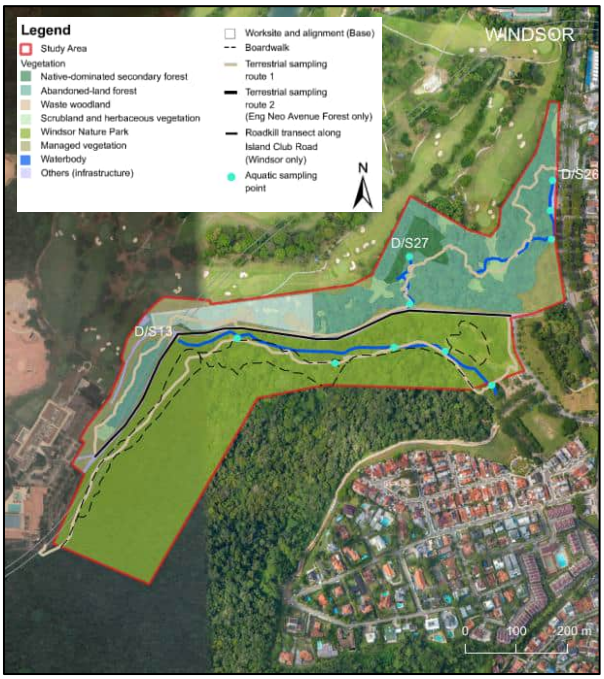


Figure 13-7 Locations of Terrestrial Sampling Routes and Aquatic Sampling Points at Windsor

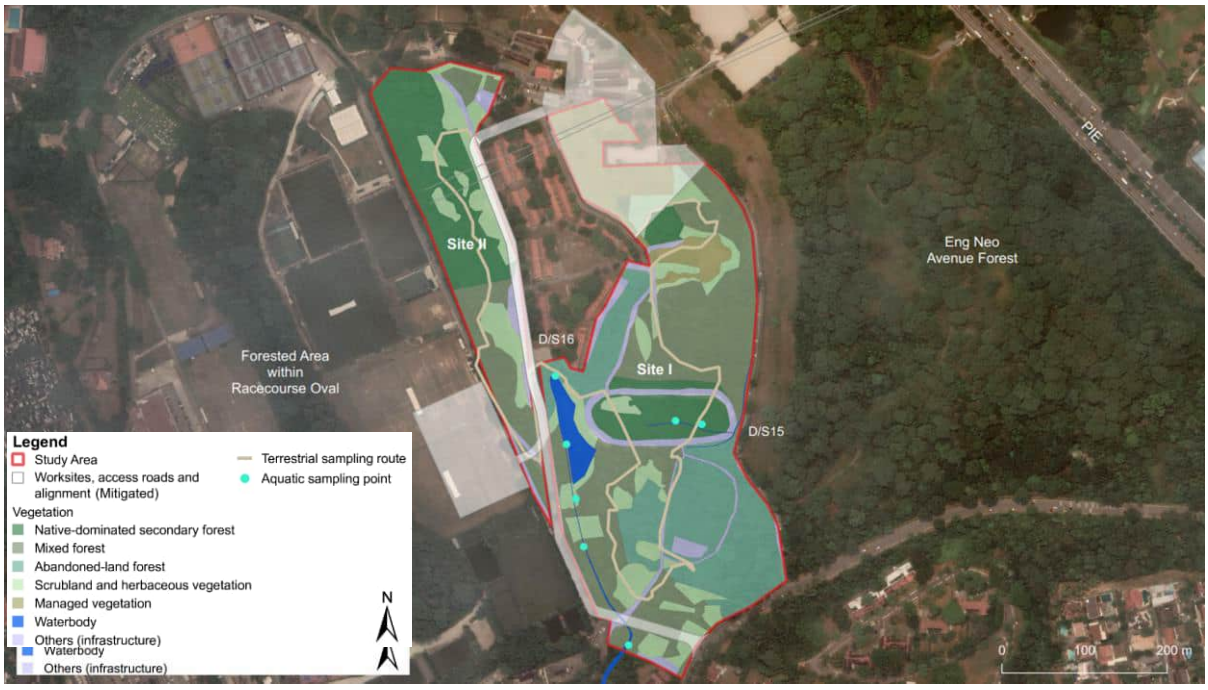


Figure 13-8 Locations of Terrestrial Sampling Routes and Aquatic Sampling Points at Forested Area Adjacent to Fairways Quarters

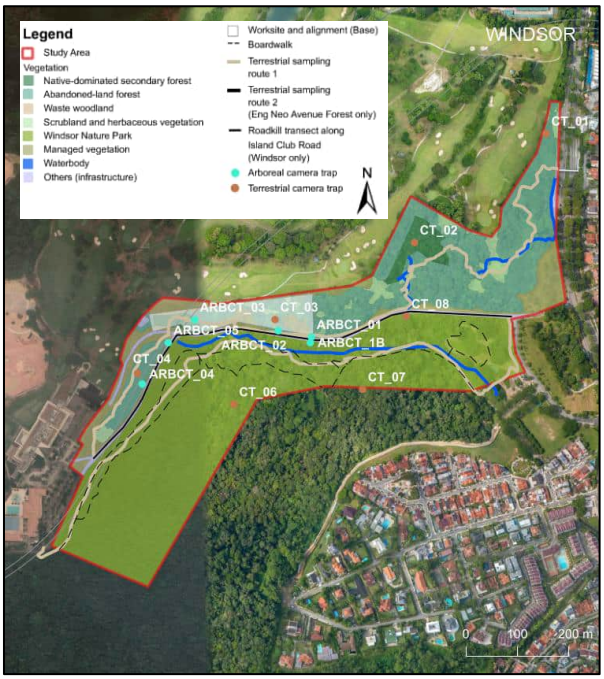


Figure 13-9 Locations of Arboreal and Terrestrial Camera Traps in Windsor

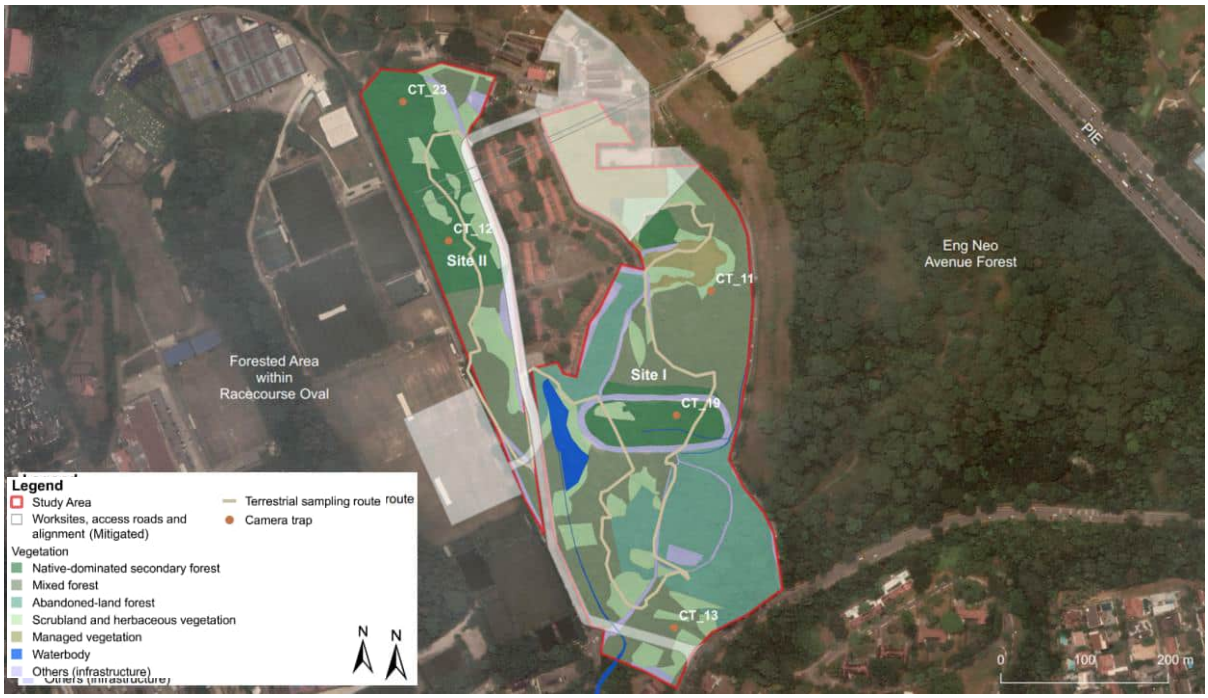


Figure 13-10 Locations of Terrestrial Camera Traps at Forested Area Adjacent to Fairways Quarters

Additional Faunistic Surveys in Windsor

In addition to monthly faunistic surveys, a deliberate monitoring program at Windsor, which is crucial to understand the actual impacts of vibration and noise on two focal terrestrial mammals (pangolins and mousedeer) within the Study Area, is proposed. The methodology will include:

- As the study site is approximately 30 ha and extends into the Windsor Nature Park, the Contractor and/or its appointed ecological team is to apply for research permit from NParks prior to commencement of any camera traps. This may include submission of necessary documents/ reports that provide details of camera trap monitoring (e.g. survey methodology, list of research personnel, etc.) that abide by the Parks and Trees Act and the usual conditions.
- Setting out camera traps together with light, vibration and noise monitors to monitor vibration and noise impacts to fauna species at strategic locations within the study site, which includes:
    - Installing 51 camera traps, in which 7 locations are placed in tandem with noise (see Section 13.10) and vibration (triaxial with 3G remote communication) monitors (see Section 13.11), as shown in Figure 13-11.
    - Among the 51 camera traps, 7 overlap with terrestrial camera traps for the purpose of monthly fauna monitoring. These seven cameras will be left on site for the entire duration of EMMP as per Table 13-2. The remaining 44 camera traps for vibration monitoring (see Section 13.11) should be carried out: (i) Before commencement of any construction works (i.e. prior to site clearance) – 6 months of monitoring to generate a fauna baseline of the study site; (ii) During construction phase – 4 blocks of 3 months (total 12 months) to cover 4 stages (i.e. during Site clearance stage, Rock breaking and excavation stage, Piling stage and Tunnel boring stage).
    - Deploying light monitoring device along with vibration monitors to monitor light lux levels. These monitors will also be deployed in blocks of three months in accordance to vibration monitoring frame work (see Figure 13-11).
- The camera traps should be deployed at approximately 20–30 cm above the ground. They should be operational for 24 hr a day and programmed to record a 10-s footage per trigger with a 10-s quiet period following each trigger.
- Camera trap maintenance and data retrieval shall be carried out at least once a month.
- The related works for camera trap setting up, checking, maintaining, retrieving, etc. will only be carried out on weekdays (9am – 5pm).
- This monitoring period is extendable if required by the Engineer and/or relevant authorities if the results of the first set are inconclusive.
- The data from camera traps should be analysed by methods (e.g. either use Random Encounter Model, Occupancy Model or through detection rates to estimate Usage by fauna, OR any other methods as directed by Engineer; After this, linear correlation can be carried out to study the relationship between camera trap findings with recorded vibration and noise levels.)
- Vibration and noise readings should be generated as a heat/contour map.
- Findings of camera trap monitoring will be reviewed by NParks and the Nature Groups as when required.

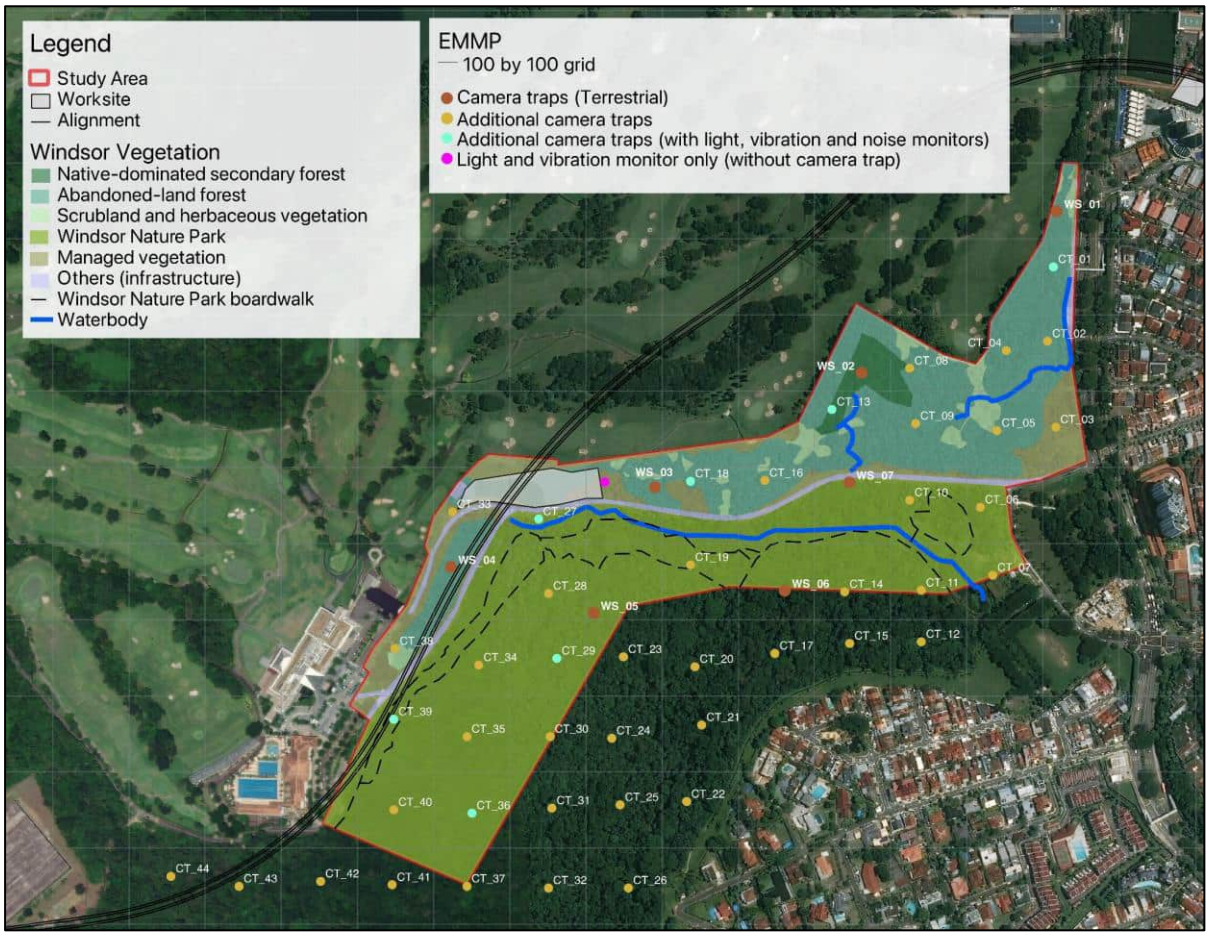


Figure 13-11 Locations of Camera Traps for Additional Faunistic Surveys in Windsor

Monitoring Burrow Collapse during Rock Breaking and Excavation

The aim of this monitoring is to monitor potential burrow collapses which is a high impact event and to advice future Projects on a set of threshold base on empirical information in local context.

Three (3) to five (5) burrows will be simulated, dug (method statement and locations to be approved by NParks) and monitored. The soil content and vibration levels will be monitored to identify the threshold of 30% soil volume relative to burrow volume.

The proposed methodology is as follows:

1. Setting up control site
    a. Conducted one month prior to commencement of construction
2. Collection of other information
    a. Soil composition (data up to 1 m)
    b. Soil compaction (data up to 1 m0) – measured with a handheld soil compaction meter
3. Size of burrow (see Figure 13-12)
    a. Opening of 15 cm in diameter
    b. Depth of 40 cm
    c. Burrow will be generated with a handheld auger
4. Location and number of burrows
    a. To be decided after consulting with NParks
    b. Three to five burrows will be dug
5. Inspection
    a. Will be carried out during the rock breaking and excavation period

b. Inspected everyday to record findings

c. Measurements over 15 days will be taken

6. Fauna entrapment

a. A net or screen will be placed at the opening of the burrow to prevent fauna entry

b. An endoscope will be used to check the burrow if fauna is suspected to have entered.

c. If fauna is found trapped, burrow will be manually excavated to release the fauna.

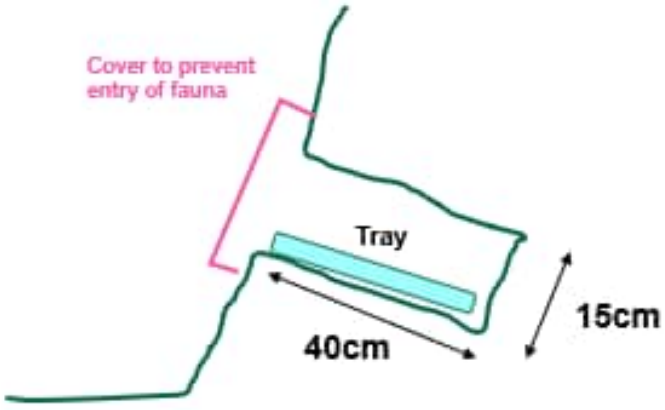


Figure 13-12 Size of Burrow to be Generated

Site Inspections

Monthly fauna inspections shall be conducted by the Ecologist within the worksite boundary. The following shall be noted during the inspections (Figure 13-13):

- Visual inspection of sensitive habitats in the vicinity (e.g., streams, forests) to determine if the construction has damaged or affected them.
- Presence of trapped/injured/dead fauna.
- Potential fauna entrapments (e.g., ECBs, TPZs, pits, drains, ponds, trenches, tanks).
- Gaps in hoarding that may allow entry of ground-dwelling fauna.
- Improperly disposed/stored food and food packaging.
- Degradation of adjacent sensitive habitats (e.g., streams, forest).
- Daily roadkill surveys shall be conducted by the ECO along roads adjacent to the worksite, up to 500 m from the worksite boundary. A roadkill and investigation register shall be maintained. Appropriate mitigation measures shall be implemented where necessary.
- Reporting and documentation of all findings and recommendations.
- Visual inspection of sensitive habitats in the vicinity (e.g., streams, forests) to determine if the construction has damaged or affected them.
- Presence of trapped/injured/dead fauna.
- Potential fauna entrapments (e.g., ECBs, TPZs, pits, drains, ponds, trenches, tanks).
- Gaps in hoarding that may allow entry of ground-dwelling fauna.
- Improperly disposed/stored food and food packaging.
- Degradation of adjacent sensitive habitats (e.g., streams, forest).
- Daily roadkill surveys shall be conducted by the ECO along roads adjacent to the worksite, up to 500 m from the worksite boundary. A roadkill and investigation register shall be maintained. Appropriate mitigation measures shall be implemented where necessary.
- Reporting and documentation of all findings and recommendations.

Figure 13-13 Photographs Showing Monthly Fauna Monitoring and Inspection On-site.

13.6.1.4 Fauna Management Programme

Fauna management will consist of managing fauna within and around all designated work areas. It consists of pre-site clearance inspections and continued biodiversity awareness training for the site team, tree felling inspections, and fauna response plan in event of animal encounters. The objectives of fauna management are as follows:

- Minimise negative impacts to fauna, particularly to species of conservation interest;
- Inspect hoarded areas for any compromises that may allow smaller-sized animals to enter;
- Prevent human-wildlife conflicts;
- Monitor presence of trapped/injured/dead fauna inside hoarded areas;
- Monitor and compare presence of targeted fauna groups within and outside of hoarded areas; and
- During each survey, fill out Fauna Inspection Form (Appendix V).

Biodiversity Awareness Training

The Ecologist shall conduct toolbox briefings on biodiversity awareness to inform site personnel of but not limited to the following:

- Ecological value of the site and its surrounding habitats
- Types of fauna present
- Biodiversity protection strategies
- Site personnel's responsibilities towards biodiversity
- How to respond to fauna encounters
- No feeding of wildlife
- Prevention of roadkill
- Inspection of trees before felling

All site personnel shall undergo biodiversity awareness training prior to commencing work at on-site, and regularly (every six months) throughout the duration of the construction. Documentation of such trainings and briefings shall be maintained.

Fauna Management Pre-Site Clearance

A. The objective of fauna management pre-site clearance is to remove target fauna from the worksite before construction works begin to prevent fauna entrapment, injury and mortality, whilst minimising contact between human and wildlife.
B. Target fauna species include ground-dwelling mammals such as the Wild Pig (*Sus scrofa*) and Sunda pangolin (*Manis javanica*), as well as animals that may be implicated in human-wildlife conflicts (e.g., snakes) during passive wildlife shepherding.
C. Sapling harvesting, if necessary, should be carried out prior to site clearance.
D. Hoarding Installation
    - Hoarding installation shall be completed by the Contractor, leaving a 2–6-m wide gaps as the wildlife exit point. The wildlife exit point shall be located away from roads. The suitability of the exact location of the exit point shall be confirmed on-site by the Ecologist to ensure that shepherded fauna can exit into a forested area with ample cover to minimise stress and the possibility of roadkill.
    - The site should be hoarded up completely eventually, and any wild boar must be removed first, before doing any other clearance. There should be no 2-6m wide gaps until after all wild boars have been removed.
    - The hoarding shall be at least 2.4-m high, with the surface facing the worksite coloured in white so that it is visually apparent to fauna.
    - The sequence of the hoarding installation shall be reviewed by the Ecologist to ensure that disturbance generated by the hoarding installation activities does not cause fauna to venture onto adjacent roads.
    - After hoarding installation is completed, the Ecologist shall inspect the hoarding to ensure its integrity and ability to prevent fauna entry/exit.
E. Pre-site Clearance Camera Trap Monitoring
    - Camera traps shall be deployed within the hoarded worksite at a density of approximately one camera trap per 1 ha over a period of at least seven days prior to site clearance. Additional camera traps may be needed on request from NParks or Ecologist.
    - The camera traps shall be approximately evenly spaced throughout the worksite and targeted at strategic locations with signs of fauna use (e.g., clearings, burrows, nests).
    - The camera traps and the data shall be retrieved one to two days before the day site clearance is slated to commence to determine the species that are likely to be encountered during the site clearance.
    - Prior to site clearance, site clearance personnel shall be briefed by the Ecologist on species that are likely to be encountered during site clearance to prepare them for efficient response during encounters.
F. Pre-site Clearance Fauna Inspection
    - Prior to site clearance, the Ecologist shall conduct a fauna inspection to identify active animal nests, hollows, other nesting structures, and any animals that may potentially get trapped/injured

or die during site clearance (e.g., snakes, Sunda colugo, Sunda pangolin, bamboo bats). Animals that may be implicated in human-wildlife conflict (e.g., snakes) shall also be identified.

- Refer to Figure 13-14 for a sample of pre-felling inspection protocol. Refer to Appendix X for Pre-felling Inspection Form.
- The validity of the inspection shall be no more than seven days.
- Where fauna is found to be present on vegetation to be cleared, the affected vegetation shall be marked with coloured tags/tape. The fauna shall be allowed to leave on their own prior to vegetation clearance. Where eggs, chicks, or young fauna are found in nests, they shall be allowed to fledge or leave the nests on their own prior to vegetation clearance. The Ecologist shall conduct subsequent checks to ascertain that the fauna has left prior to vegetation clearance.
- Where it is not possible or ideal to allow the fauna to leave on its own (e.g., a stranded Sunda colugo that is unable to move away on its own, a venomous snake that is feasible to catch) relocation shall be considered and implemented by certified Wildlife Management Contractors, in consultation with NParks and in accordance with the Fauna Response Plan.
- Where the Ecologist deems there is a risk of injury/death to fauna even though there was no immediately apparent findings during the inspection (e.g., nest in good condition but fauna activity not observed/visible), the Ecologist shall be present on-site during the removal of the affected vegetation to facilitate the implementation of the Fauna Response Plan where necessary.
- Elevating equipment shall be deployed where necessary and feasible to inspect nests, hollows and other nesting structures.
- Ecologist shall submit an inspection report indicating the date of the inspection, tree tag number (and/or location coordinates if untagged), observations, recommended mitigation measures, and photographic evidence within 24 h of the inspection.
- Where bamboo clusters are to be removed, the following steps shall be carried out:
  The Ecologist shall determine if the affected clusters are potential roosting sites for bamboo bats (*Tylonycteris spp.*).
    - (i) If determined to be a potential roosting site, the Ecologist shall carry out a bamboo bat roost emergence survey to determine the presence of bamboo bats. The roost emergence survey shall be carried out at least once for each bamboo cluster. The surveys shall occur between 1830–2100 h, during which two to three Ecologists shall be stationed around each bamboo cluster to observe for bamboo bat activity, and to identify slits in the bamboo stems that are used as roosts. Torches shall be used to aid in the detection. Stems bearing active slits shall be marked, and the number of bats residing within each slit shall be documented.
    - (ii) Bat detectors shall be deployed to detect the ultrasonic echolocation calls to aid in species identification.
    - (iii) If bamboo bats are determined to be present in the affected bamboo clusters, they should be rescued and released. Prior to the removal of the bamboo clusters, the Ecologist shall seal the slits of identified roosts with mesh and tape if feasible, and the section of the bamboo stem bearing the roost shall be cut with a chainsaw or hand saw and lowered in a controlled manner, ensuring that the section remains intact. The bamboo bats shall be held in the extracted bamboo stems if they are still intact. If not, the bamboo bats shall be vacated into individual cloth bags.
    - (iv) The remaining stems of the bamboo cluster shall be cut stem by stem manually (e.g., chainsaw, hand saw, parang) where feasible and deemed safe to do so. Where manual cutting is not feasible, a grabber excavator may be used to remove the stems bit by bit from the base of the cluster. The stems shall be kept as intact as possible during felling. Each felled stem shall be inspected immediately by the Ecologist for holes those are possibly entrances to roosts of the bamboo bats. All bamboo bats found occupying the bamboo stems shall be held within the bamboo stems if they are still intact. Mesh and tape shall be used to seal the holes of the roosts. If bamboo stems are too damaged to be sealed, the bamboo bats shall be vacated into individual cloth bags.
    - (v) If bamboo bats are not determined to be present during the roost emergence survey, the Ecologist may also recommend for the Ecologist to be present

during the removal of the bamboo cluster to inspect each stem for roosting bamboo bats.

(vi) After the bamboo clusters and felled stems have been completely removed from the worksite or destroyed, any rescued bamboo bats shall be released on the spot and tracked visually until out of sight. If the felling of a bamboo cluster cannot be completed by the end of the day (i.e., 1800 h), any rescued bats shall also be released.

(vii) Should trapped/injured/dead bats be encountered, the Fauna Response Plan shall be activated.

(viii) Bat handling shall be performed by experienced personnel properly trained in bat handling techniques.

G. Passive wildlife shepherding involves directional site clearance within the hoarded worksite towards a forested wildlife refuge area. The disturbance generated by site clearance activities is expected to encourage target fauna to move out of the worksite on their own.

- Where feasible, site clearance shall be scheduled to avoid the peak bird breeding season (March to July)
- A camera trap shall be placed outside of the wildlife exit point throughout the duration of site clearance to monitor entry/exit of target fauna.
- Site clearance shall begin furthest from the exit point and gradually move towards the exit point to flush fauna out of the worksite.
- The wildlife exit point shall be opened by the Contractor before the start of site clearance works each day and closed at the end of each workday and during breaks to prevent fauna from returning to the worksite.
- Horticultural waste shall be removed on the same day to prevent fauna from using it as shelter.

Fauna Management Post-Site Clearance

- After site clearance is completed, the Ecologist shall conduct a visual inspection of the cleared worksite for target fauna.
- If there are no trapped fauna, the wildlife exit point shall be sealed and the camera trap at the wildlife exit point shall be removed.
- If there are trapped fauna, the Ecologist shall formulate species-specific methods to remove them in consultation with NParks and in accordance with the Fauna Response Plan.

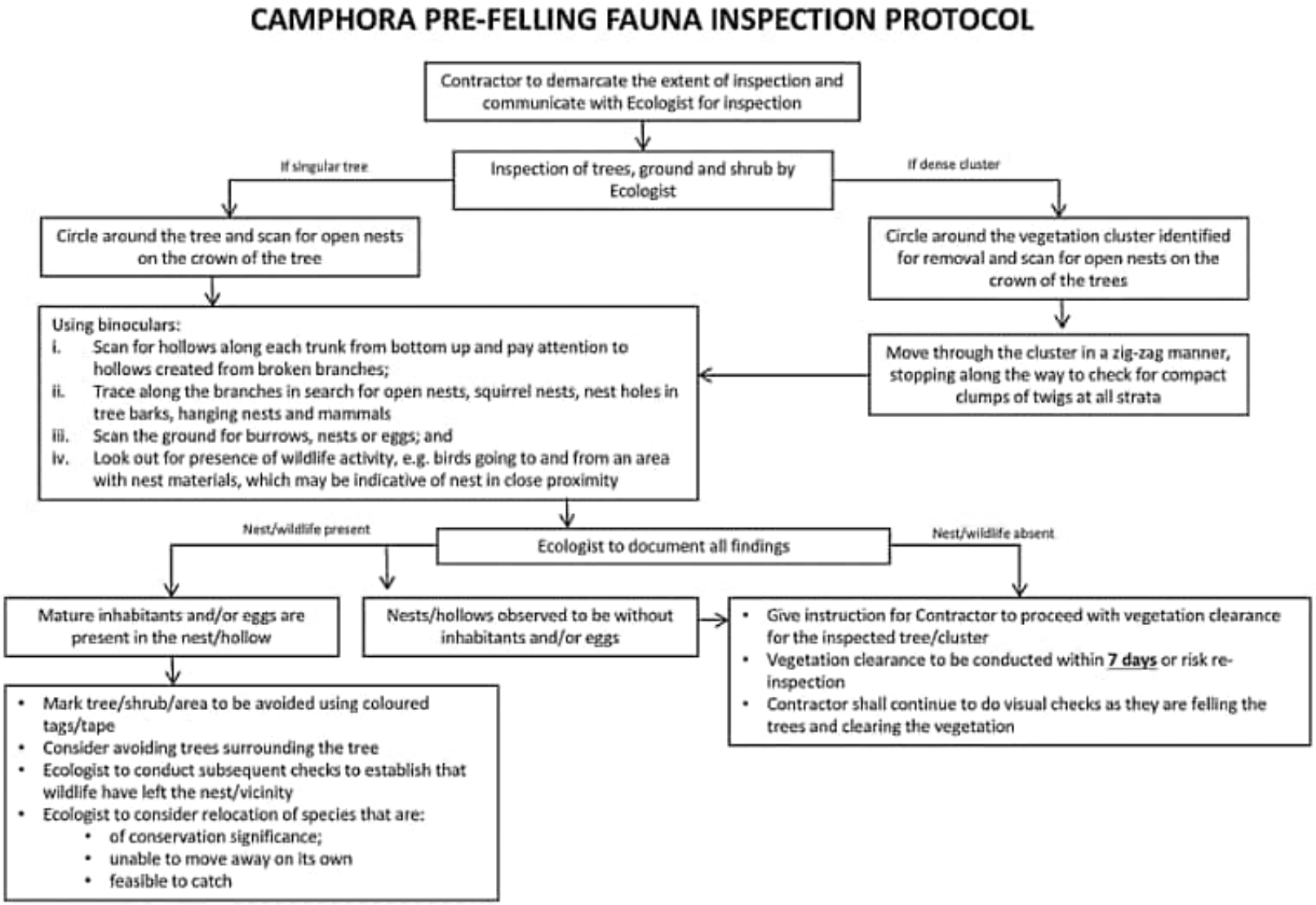


Figure 13-14 Pre-felling Inspection Protocol

Figure 13-15 Direction of Clearing for Passive Wildlife Shepherding

Fauna Response and Rescue Plan

The Fauna Response and Rescue Plan (Figure 13-17) should be enacted when a trapped/injured/dead/dangerous animal is encountered around or within the worksite. The objective of the wildlife response plan is to minimise animal injury and mortality by responding appropriately to the different scenarios in Figure 13-17. This should be emphasised during the toolbox briefings. All wildlife encounters are to be documented within 24 h using the Wildlife Incident Form (Appendix U).

Where fauna is trapped on-site, options should be explored to remove them from site (e.g., partitioning worksite, use of one-way exit door) (Figure 13-16).

In scenarios where certain animal groups are encountered around or within the worksite, external specialists should be contacted to handle the animal. These scenarios are shown below:

- For encounters with snakes that require relocation/handling, a snake specialist should be contacted
- For animal carcasses that require disposal, an animal carcass disposal service should be contacted
- For injured animals that require medical attention, a veterinarian should be contacted

Figure 13-16 Example of One-Way Flap Door to Allow Fauna to Exit Independently.

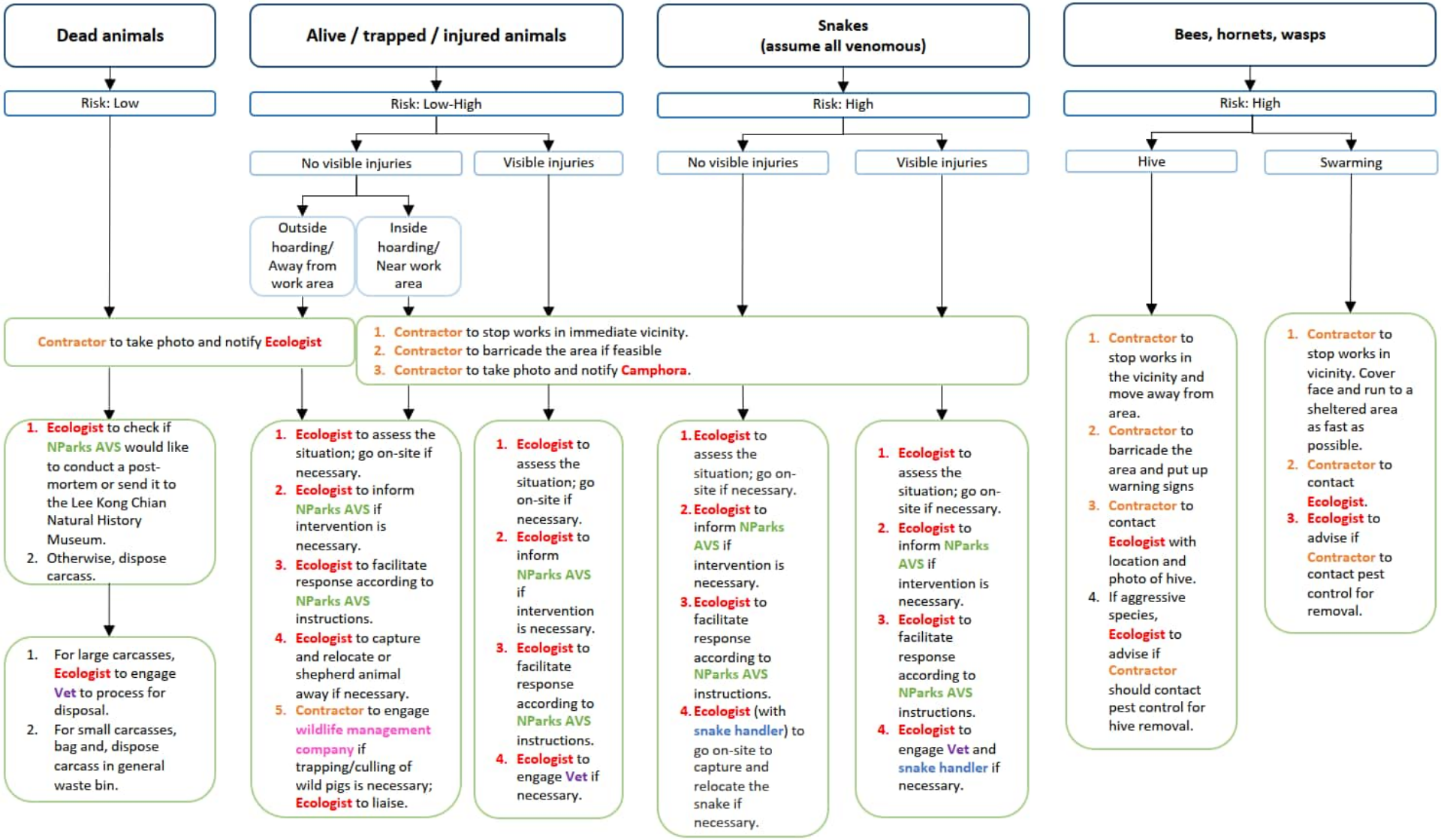


Figure 13-17 A Flowchart of the Wildlife Response Plan

Light Management

Night-time works should be avoided to prevent disturbance to nocturnal fauna. It is recommended to restrict working hours to 0700–1900h. Other light management measures include:

- The Contractor shall submit a site lighting plan (detailing the type of lights, specifications, numbers, locations, and direction) for all anticipated night works as part of the contract-specific EMMP.
- All lighting shall be directed away from adjacent forested areas. Upward and directional lighting into unintended areas shall be avoided.
- Where lighting is required to be installed for safety and security purposes, regulatory requirements shall be followed.
- Reduce the duration of nocturnal lighting sources by using a timer or movement-based sensor system to turn off lights.
- Lights that have a high UV component shall be avoided to reduce impacts on insects.
- Broad spectrum lights shall be avoided.
- Provide mitigation measures such as covers and shields where possible.
- The Ecologist shall conduct regular checks to ensure that lights are positioned as proposed.
- The lux levels in adjacent forested areas should be monitored. A baseline should be established at least one month before the start of any works, including pre-site clearance works. There should be at least eight light monitors, four 5 m away from worksite and four 30 m away from worksite. Locations to be decided in consultation with NParks prior to start of any works. Data collected as baseline should be used as a comparison during construction phase to ensure that light levels do not exceed those that recorded in the baseline study.

Other General Fauna Management Measures

Besides, the Contractor shall be responsible in implementing the other general fauna management measures which include:

- The Contractor shall visually inspect the worksite for wildlife prior to the start of construction activities each day.
- The Contractor shall maintain the integrity of the worksite hoarding and repair any damages/breaches on a timely basis.
- Upon encountering trapped/injured/dead/dangerous fauna, the Contractor shall respond in accordance with the Fauna Response Plan.
- The Contractor shall not touch or handle any fauna unless instructed to do so.
- The Contractor shall implement all mitigation measures recommended by the Arborist, Flora Specialist, and Ecologist, as far as practicable.
- The Contractor shall ensure that all personnel and external visitors limit their movements and activities (including non-work activities such as resting and eating) to within the worksite boundary. There shall be strictly no movements into adjacent forested areas.
- Graphical representations of but not limited to the following shall be posted around the worksite:
    - No feeding of wildlife
    - No fishing
    - No littering
    - No food or drinks (outside designated eating areas)
    - No cutting of trees or plants
    - No smoking (outside designated smoking areas)
- The Contractor shall deploy only 100% biodegradable ECBs.
- The Contractor shall provide designated sheltered eating areas that are wildlife-proof.
- The Contractor shall provide fully covered food storage areas that are wildlife-proof.
- The Contractor shall ensure that all pits, drains, ponds, trenches, tanks that are potential fauna entrapments are suitably covered (e.g., using plywood, mesh, tarpaulin) to prevent fauna from falling in.

- The Contractor shall trim overhanging vegetation above the worksite hoarding to prevent arboreal fauna from entering the worksite.
- Areas not used should be returned to earth ground and replanted if possible. Planting scheme should be as similar to forest composition to adjacent forest, if not as native as possible. Other than minimising edge effects, it can serve as a natural barrier to light, noise and dust to reduce disturbance. As a general guide, 400 trees should be replanted for every hectare to be reinstated

13.6.2 Commissioning Phase

At the commissioning phase, arboricultural services and management of flora and fauna are typically not expected. However, regular flora and fauna monitoring for at least six months should still be considered and conducted during the commissioning phase. This is to review the effectiveness of mitigation measures proposed during design phase and rectify biodiversity problems that arise due to operational works.

13.6.2.1 Flora Monitoring Programme

The flora monitoring aims to assess the impacts of operational works to surrounding vegetation and/or adjacent forest, and to rectify issues when identified. The programme should include the following:

- Assess impact of operational on the physiological health and structural stability of vegetation and trees at proximity to the development;
- Determine whether there has been excessive and unauthorised removal of vegetation and trees beyond the development boundary;
- Monitor and assess potential edge effects (e.g., predictable failures, accelerated growth of climbers on canopy, change in species composition at the edge) within vegetation adjacent to the development;
- Determine if there is unauthorised dumping of rubbish (e.g., food materials), construction debris and materials, oil/chemical leakage that may contaminate soil watercourses, from post-construction water bodies post-construction.

13.6.2.2 Fauna Monitoring Programme

The fauna monitoring aims to assess the impacts of operational works to fauna residing within adjacent forest, and to rectify issues when identified. The programme should include faunistic surveys. Faunistic surveys are recommended to be conducted along terrestrial sampling routes and at aquatic sampling points, which should target the following fauna groups: odonates (dragonflies and damselflies), fish, decapoda, butterflies, herpetofauna (amphibians and reptiles), birds, and mammals. Comparison of species presence can be made with the baseline studies (Figure 13-7 and Figure 13-9), where appropriate, to provide an indication of the changes in fauna diversity.

The methodology for the faunistic surveys should closely follow that implemented for this environmental impact study as summarized in Table 13-2, so as to ensure that the data collected can be used to compare against the baseline data and data from construction monitoring

In addition to monthly faunistic surveys, a deliberate monitoring program for at least 6 months at Windsor is crucial to understand the actual impacts of vibration and noise on two focal terrestrial mammals (pangolins and mousedeer) within the Study Area. The methodology will follow details set out in Section 13.6.1.3.

13.6.3 Operational Phase

At the operational phase, the Rail Operator shall ensure the recommended minimum controls (see key measures in Section 13.13.3) are adhered. In addition, as a practice, disturbance should be kept to a minimum.

13.7 Hydrology and Surface Water Quality EMMP Requirements

13.7.1 Construction Phase

Monitoring Before Commencement of Site Clearance

One (1) time monitoring for hydrology and surface water quality should be conducted before the construction commencement as a baseline reference for the EMMP.

Prior construction, the hydrological conditions of drainage system within construction worksite and at immediate vicinity should be monitored and inspected especially during heavy storm event to ensure no flooding. For surface water quality, the baseline monitoring parameters should follow Table 13-4. All the discharge points from construction worksites should follow NEA's Allowable Limits for Trade Effluent Discharge to Watercourse/Controlled

Watercourse. Meanwhile, the water quality of sensitive stream and drain (i.e. D/S13 and D/S16 shown in Figure 13-18), should also be recorded and compared with the water quality criteria for aquatic life as listed in Table 13-3 to make sure the aquatic condition will not be impacted by the construction activities.

Table 13-3 Water Quality Guidelines and Criteria

Parameter	NEA Trade Effluent Discharge Limits[a]	International Water Quality Criteria for Aquatic Life[b]
pH	6 - 9	6.5 - 9
Temperature (°C)	45	-
Conductivity (µS/cm)	-	-
Total Dissolved Solids, TDS (mg/L)	1,000	1,000
Dissolved Oxygen, DO (mg/L)	-	> 4
Turbidity (NTU)	-	50
Total Suspended Solids, TSS (mg/L)	30 SDA: 50[f]	50
Biological Oxygen Demand, BOD_5 (mg/L)[c]	≤ 20	3
Chemical Oxygen Demand, COD (mg/L)	≤ 60	25
Total Phosphorous, TP (mg/L)	-	Eutrophic limit: 0.075 mg/L
Orthophosphate, PO_4-P (mg/L)	0.65 (equivalent to 2 as PO_4)	0.033 (equivalent to 0.1 as PO_4)
Total Nitrogen, TN (mg/L)	-	Eutrophic limit: 1.5 mg/L
Nitrate, NO_3-N (mg/L)	4.52 (equivalent to 20 as NO_3)	10 (equivalent to 44 as NO_3)
Ammoniacal Nitrogen (NH_4-N)	-	0.5
Total Organic Carbon (TOC)	-	-
Total Alkalinity	-	-
Oil & Grease - Total (mg/L)	1	0.14
Oil & Grease - Hydrocarbon (mg/L)	-	-
Lead, Pb (mg/L)	0.1	Acute LOEL[e]: 82 Chronic LOEL[e]: 3.2
Zinc, Zn (mg/L)	0.5	0.0085
Mercury, Hg (mg/L)	0.001	0.00016
Enterococcus (cfu/100mL)[d]	-	-

Note:

a) NEA Trade Effluent Discharge Limits for discharge into a controlled watercourse.

b) The sources of international water quality criteria for aquatic life include United Nations Economic Commission for Europe [R-19], United States Environmental Protection Agency [R-20], Australian & New Zealand [R-27], Canada [R-28], Philippines [R-17], and Malaysia [R-29].

c) BOD_5 is the amount of dissolved oxygen needed by aerobic biological organisms to break down organic material per litre of sample during 5 days of incubation at 20 °C.

d) ***Enterococcus* counts should follow the Singapore's Water Quality Guidelines for Recreational Beaches and Fresh Water Bodies (i.e. ⩽ 200 cfu/100mL)**

e) **LOEL – Lowest Observed Effect Level**

f) **The limit value is for TSS discharge into storm water drainage system (i.e. ECM discharge) which referred from Sewerage and Drainage (Surface Water Drainage) Regulations.**

Monitoring Throughout Construction Period

In order to ensure that procedures are followed appropriately, the construction phase of the Project should be accompanied by an EMMP.

Water quality monitoring is essential as discharge of excess contaminants, especially pH, nutrients and heavy metals, may lead to severe consequences (e.g. algae blooms). Discharges via detention ponds/tanks and ECM tanks/ponds will take place during the construction phase, therefore discharge monitoring on such tanks and ponds was recommended to be undertaken to complement surface water quality to assure compliance with the relevant standards. In addition, due to the ecological importance of certain streams such as D/S13 and D/S16 as shown in Figure 13-18, it was also recommended to monitor the water quality throughout the construction period to ensure minor construction impacts on the water quality. For all discharge points from construction worksites, it is recommended to monitor water quality following Singapore NEA's Allowable Limits for Trade Effluent Discharge to Watercourse/Controlled Watercourse. Meanwhile, the water quality of sensitive natural streams should also be

recorded and compared with the water quality criteria for aquatic life as listed in Table 13-3 to make sure the aquatic condition will not be impacted by the construction activities.

Table 13-4 Recommended Monitoring Program during Construction Phase (Surface Water Quality)

Test	Parameters	Monitoring Recommendation and Frequency
In-situ	Temperature	• Online real time monitoring for TSS at the discharge point location at all the discharge point locations at construction site throughout the construction period. • Monthly monitoring for temperature, pH, conductivity, TDS and DO at all the discharge point locations at construction site throughout the construction period.
	pH	
	Conductivity	
	Total Dissolved Solids (TDS)	
	Turbidity and Total Suspended Solids (TSS)	• Bi-weekly monitoring for all the in-situ parameters at the sensitive natural streams with high ecological importance, (i.e. D/S13), throughout the construction period. • Bi-weekly monitoring for all the in-situ parameters at D/S16 throughout the construction period.
	Dissolved Oxygen (DO)	
Ex-situ	Biochemical Oxygen Demand (BOD_5)	• Monthly monitoring for all the ex-situ parameters at all the discharge point locations of construction site during the construction period. • Bi-weekly monitoring for all the ex-situ parameters at the sensitive natural stream with high ecological importance, (i.e. D/S13), throughout the construction period. • Bi-weekly monitoring for all the ex-situ parameters at D/S16 throughout the construction period.
	Chemical Oxygen Demand (COD)	
	Total Nitrogen (TN)	
	Nitrate (NO_3-N)	
	Total Phosphorus (TP)	
	Orthophosphate (PO_4-P)	
	Ammoniacal Nitrogen (NH_4-N)	
	Total Organic Carbon (TOC)	
	Total Alkalinity	
	Oil & Grease (Total)	
	Oil & Grease (Hydrocarbon)	
	Lead (Pb)	
	Zinc (Zn)	
	Mercury (Hg)	
	Enterococcus	
Note: In addition to the above monitoring list, Contractor is to ensure that the discharge also complies to NEA's allowable limit for trade effluent discharge - in particular the limits for heavy metals (e.g. through monthly testing).		

Beside the water quality monitoring, hydrological conditions of drainage system within construction site and at immediate vicinity should also be closely monitored during construction phase. Before draining to public drains or watercourses, surface runoff from the construction site should be drained to the treatment system to be filtered and to reduce peak runoff based on ECM Guidebook. The hoarding and perimeter drains of construction site should be inspected daily to ensure no surface runoff flowing out from the site untreated and no clogging which would affect the flow capacity of the drains/streams. During heavy storm event, site inspection should be carried out to ensure no flooding. It is noted that no TBM dewatering facilities, grout handling and cement plants are allowed at this worksite at Windsor. The discharge of pumped dewatered groundwater or other wastewaters to sensitive aquatic habitats will be prohibited (e.g. natural streams within Windsor Nature Park and Eng Neo Avenue Forest).

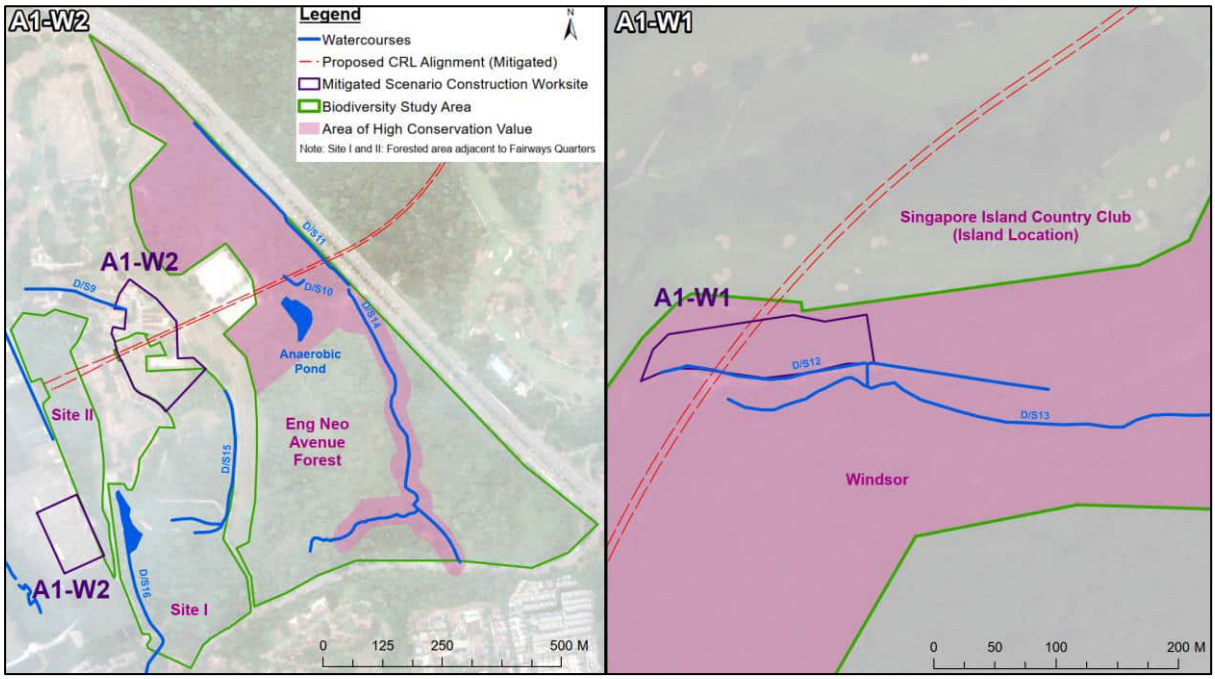


Figure 13-18 Watercourses at Eng Neo Avenue Forest and Windsor

13.7.2 Commissioning Phase

The commissioning phase of the Project should be accompanied by an EMMP to ensure the proposed development will have minor impact on the surrounding watercourses. Water quality monitoring is essential as discharge of excess contaminants, especially pH and suspended solids may lead to severe consequences (e.g. water with less clearance) due to the commissioning activities. Hence, due to the ecological importance streams/drains of D/S13 and D/S16, it was recommended to monitor their water quality during the first three (3) months of commissioning phase to ensure minor impacts on their water quality. For main outlets/drains (if any) of the Project site, it is recommended to monitor water quality following Singapore NEA's Allowable Limits for Trade Effluent Discharge to Watercourse/Controlled Watercourse. Meanwhile, the water quality of sensitive streams, (i.e. D/S13 and D/S16) should also be recorded and compared with the water quality criteria for aquatic life as listed in Table 13-3 to make sure the aquatic condition will not be impact by the commissioning activities.

Table 13-5 Recommended Monitoring Program during Commissioning Phase (Surface Water Quality)

Test	Parameters	Monitoring Recommendation and Frequency
In-situ	Temperature	Monthly monitoring for all the in-situ parameters at the main outlets/drains (if any) of the Project site, as well as sensitive streams (i.e. D/S13 in Windsor Nature Park and D/S16 in Site I) the during the first three (3) months of commissioning phase.
	pH	
	Conductivity	
	Total Dissolved Solids (TDS)	
	Turbidity and Total Suspended Solids (TSS)	
	Dissolved Oxygen (DO)	
Ex-situ	Biochemical Oxygen Demand (BOD_5)	Monthly monitoring for all the ex-situ parameters at the main outlets/drains (if any) of the Project site, as well as sensitive streams (i.e. D/S13 in Windsor Nature Park and D/S16 in Site I) during the first three (3) months of commissioning phase.
	Chemical Oxygen Demand (COD)	
	Total Nitrogen (TN)	
	Nitrate (NO_3-N)	
	Total Phosphorus (TP)	
	Orthophosphate (PO_4-P)	
	Ammoniacal Nitrogen (NH_4-N)	
	Total Organic Carbon (TOC)	
	Total Alkalinity	
	Enterococcus	

For the hydrology monitoring during commissioning phase, drainage system within the site and at immediate vicinity should be inspected especially during heavy storm event to ensure no flooding. Routine audit on the site should be carried out by independent EMMP consultant during the first three (3) months of commissioning phase.

13.7.3 Operational Phase

During operational phase, hydrology and water quality monitoring and audit is not required.

In general, the Rail Operator will ensure the implementation of minimum control measures according to the relevant legislations (e.g. PUB Code of Practice on Surface Water Drainage, Singapore Sewerage and Drainage (Trade Effluent) Regulations, SS 593: 2013 – Code of Practice for Pollution Control (COPPC), Environmental Protection and Management Act and its associated regulations etc., as listed in Section 15.1); as well as the proposed mitigation measures where the key ones are summarised in Section 13.13.3. General housekeeping and environmental management measures will be applied.

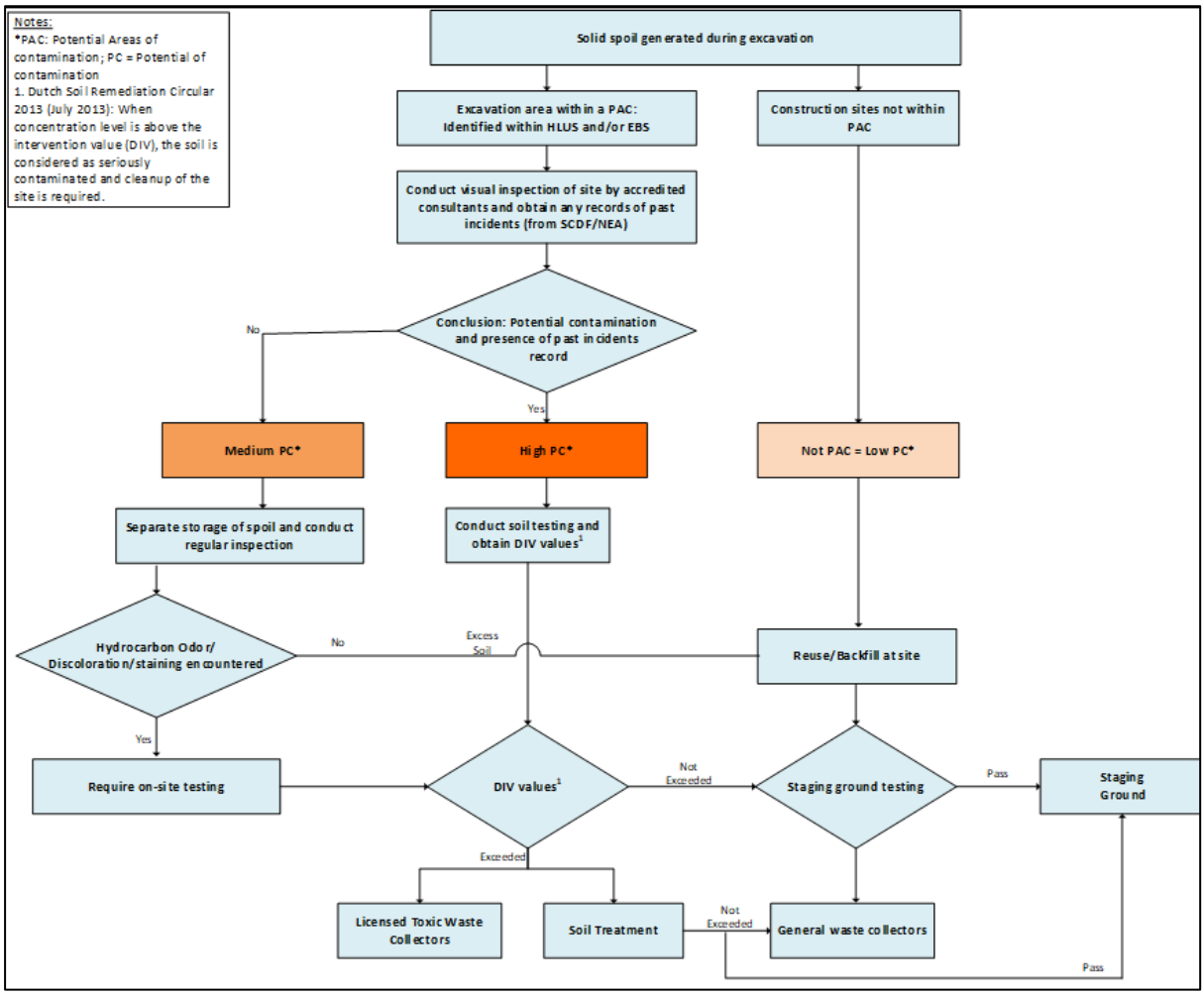
13.8 Soil and Groundwater EMMP Requirements

13.8.1 Construction Phase

A summary of the recommended monitoring for soil and groundwater during the construction phase is provided below in Table 13-6.

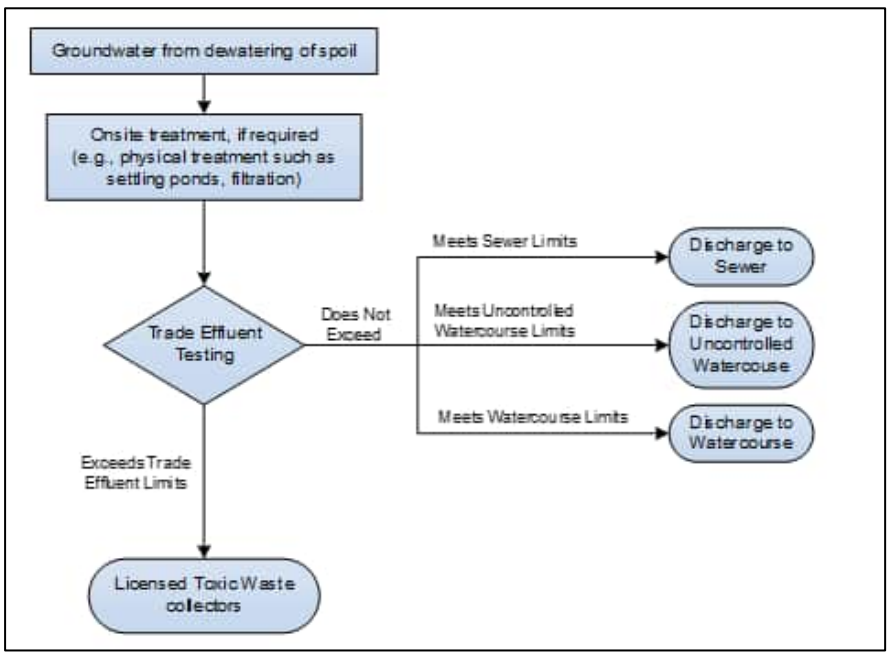
Table 13-6 Recommended Monitoring Program during Construction Phase (Soil and Groundwater)

Location	Parameters	Frequency and Duration
Within the development boundary	Groundwater level	• Continuous monitoring of groundwater level throughout the lifetime of the construction phase as per the instrumentation and monitoring plan developed by the Qualified Professional (QP). • Visual monitoring of spoil generated by the TBM to be conducted daily. Refer to Figure 13-19 and Figure 13-20 of suspected contaminated soils and groundwaters. • Records on chemical waste from the waste generator should be properly kept and records produced when requested. • Inspection of hazardous chemical/substances storage condition weekly during construction phase. • Routine environmental audit by independent EMMP Consultant during construction phase.
At locations within the Project site where excavated soil and extracted groundwater are generated and stored	Improper Management of Excavated Soil and Extracted Groundwater	
At locations within the Project site where toxic chemical waste is generated/stored	Toxic Chemical Waste Generation	
At locations within the Project site where hazardous chemicals/substances are used/stored	Improper Handling of Hazardous Chemical/Substances	



Note: DIV standards were developed to assess the acceptability of impacted sites in the Netherlands in support of the Dutch Soil Protection Act. Therefore, it is based on local Dutch ecotoxicology, soil (consisting of 10% organic clay or 25% clay) and climate conditions for residential usage which may not be applicable to conditions in Singapore.

Figure 13-19 Screening and Disposal of Excavated Soils



Note: DIVs for groundwater consider risks to human health and local ecosystems, whichever is more sensitive. When assessing risk to human health, a typical Dutch residential land use setting is considered which includes exposure via potable consumption of groundwater and consumption of home-grown produce which are not common exposure scenarios for Singapore.

Figure 13-20 Disposal of the Groundwater Generated Through Dewatering or Inflow Into Excavations

13.8.2 Commissioning Phase

A summary of the recommended monitoring for soil and groundwater during commissioning phase is provided below in Table 13-7.

Table 13-7 Recommended Monitoring Program during Commissioning Phase (Soil and Groundwater)

Location	Parameters	Frequency and Duration
At locations within the Project site where toxic chemical waste is generated/stored	Toxic Chemical Waste Generation	Monthly monitoring records of the amount and type of toxic chemical waste generated during the first three (3) months of commissioning phase. Monthly inspection of hazardous chemical/substances storage conditions during the first three (3) months of commissioning phase.
At locations within the Project site where hazardous chemicals/substances are used/stored	Improper Handling of Hazardous Chemical/Substances	

13.8.3 Operational Phase

During operational phase of this Project, soil and groundwater monitoring and audit are not required.

It is assumed that the Rail Operator shall ensure the successful implementation of the recommended minimum control measures (see summary of key measures in Section 13.13.3). As the impact on soil and groundwater during the operational phase of this Project is assessed to be minor, no additional soil and groundwater mitigation measures are required in commissioning and operational phases.

13.9 Air Quality EMMP Requirements

13.9.1 Construction Phase

As part of the proposed mitigation measures (see summary of key measures in Section 13.3), dust monitoring shall be undertaken during the construction phase. Dust deposition monitoring is recommended due to the potential of High consequence dust impact conducted within the ecologically sensitive receptors during construction phase. Based on a review of sensitive receptors around the construction worksite areas, a continuous monitoring program as per Table 13-8 is proposed to be conducted during Project construction. The Contractor is also recommended to conduct air quality monitoring of PM_{10} and $PM_{2.5}$ for 1 week prior to site clearance for the re-establishment of latest baseline conditions around the Project area. Monitoring is to be conducted at locations as Table 13-8 and Figure 13-21.

No EMMP air monitoring is required to monitor the impact of CR13 retrieval shaft worksite and underpinning works with regards to ecological impact due to the distance of the worksites being >50 m from the ecological receptor and hence, outside of the Study Area as per the IAQM Guidance.

Table 13-8 Recommended Monitoring Program during Construction Phase (Air Quality)

Location	Parameters	Frequency and Duration	Triggers
• Forested area adjacent to Fairways Quarters (Sites I and II) • Windsor	PM_{10} and $PM_{2.5}$ in $\mu g/m^3$	Continuous monitoring of PM_{10} and $PM_{2.5}$ for 1 week prior to site clearance averaged over 1-day period	-
	Dust Deposition in $mg/m^2/day$	Continuous monitoring of dust deposition during construction phase averaged over 4-week period	Investigation and corrective actions to be taken, when: 1. Any of the following documentation are found inadequate / missing: Air Pollution Control Plan; Compliance

Location	Parameters	Frequency and Duration	Triggers
			certificate of an Off-Road Diesel engine; or Monitoring Log. 2. If the monitored PM_{10} and $PM_{2.5}$ exceed Singapore long term air quality targets. 3. If the dust deposition monitored exceeds 200 mg/m^2/day averaged over 4-week 4. If complaints are received due to Project activities. 5. If visual non-compliance to any of the minimum control or mitigation measures are observed on-site.

Figure 13-21 Proposed Air Monitoring Location Prior to Site Clearance and during Construction Period

13.9.2 Commissioning Phase

During commissioning phase, ambient air quality monitoring may not be required.

13.9.3 Operational Phase

During operational phase, ambient air quality monitoring may not be required. General housekeeping and environmental management measures shall be applied.

13.10 Airborne Noise EMMP Requirements

13.10.1 Construction Phase

Based on a review of sensitive receptors around the construction worksite areas, a continuous noise monitoring program as per Table 13-9 is proposed to be conducted during construction phase.

The proposed noise monitoring locations are presented in Figure 13-22, along with the noise barriers recommended as mitigation measures. Other key minimum control and key mitigation measures are summarised in Section 13.13.

Table 13-9 Recommended Monitoring Program during Construction Phase (Airborne Noise)

Location (see Figure 13-22)	Parameters	Frequency and Duration
Eng Neo Avenue Forest, Site I and Site II: Three (3) monitoring locations at boundary of Eng Neo Avenue Forest, Sites I and II which are closest to A1-W2 worksite	$L_{Aeq(12\ hour)}$, $L_{Aeq(1\ hour)}$, and $L_{Aeq(5\ min)}$	• **Prior to site clearance:** To conduct one-time (i.e. 1-week period) airborne noise monitoring at this location to re-establish the baseline noise levels for reference/ comparison purposes before any construction works commence. • **Throughout construction period:** Continuous monitoring at this location for the entire duration of construction.
Windsor: *One (1) monitoring location within Windsor and closest to A1-W1 worksite		• **Prior to site clearance:** To conduct six (6) months of continuous airborne noise monitoring at this location to re-establish the baseline noise levels for reference/ comparison purposes before any construction works commence. • ***Throughout construction period:** Continuous monitoring at this location for the entire duration of construction.
Windsor: **Six (6) additional monitoring locations at the boundary of Windsor		• **Prior to site clearance:** To conduct six (6) months of continuous airborne noise monitoring at each of these six locations to re-establish the baseline noise levels for reference/ comparison purposes before any construction works being carried out. • ****During specific stages in construction phase:** Continuous monitoring at each proposed location in blocks of three (3) months **during Site Clearance stage, Rock breaking and excavation stage, Piling stage and Tunnel boring stage.

Notes:

* The objective of this monitoring is to establish/ determine any impact of noise and vibration on faunal behaviour or structural elements (e.g. burrows). Therefore, vibration monitors and biodiversity camera traps (see Figure 13-11) for observing faunal behaviour/ structures shall be installed in tandem at a total of seven (7) locations in Windsor. In order to rule out noise being the cause of the impact observed in the camera trap, noise monitors shall record the noise levels observed at the time of faunal response, Therefore, at least one (1) monitor shall remain stat in the park during the entire construction period to record noise. This monitor will also be used to provide continuous 6-month pre-construction baseline and 12-month during-construction monitoring to feed to the biodiversity report. Noise data will need to be extracted from this monitoring location for the 3-months slot from this monitor's readings. Since this is a continuous monitoring location throughout construction phase, this data can be extracted suitably to inform biodiversity team and only 6 more monitors will be needed to complete the requirement of total seven (7) locations in tandem with biodiversity camera traps and vibration monitors in Windsor.

** The six (6) additional noise monitoring locations will be placed in conjunction with ground-borne vibration monitoring (see Section 13.11) during the above-mentioned construction stages, and/or in tandem with the biodiversity camera trap monitoring programme. This monitoring period is extendable if required by LTA and/or relevant authorities if the results of the first set are inconclusive.

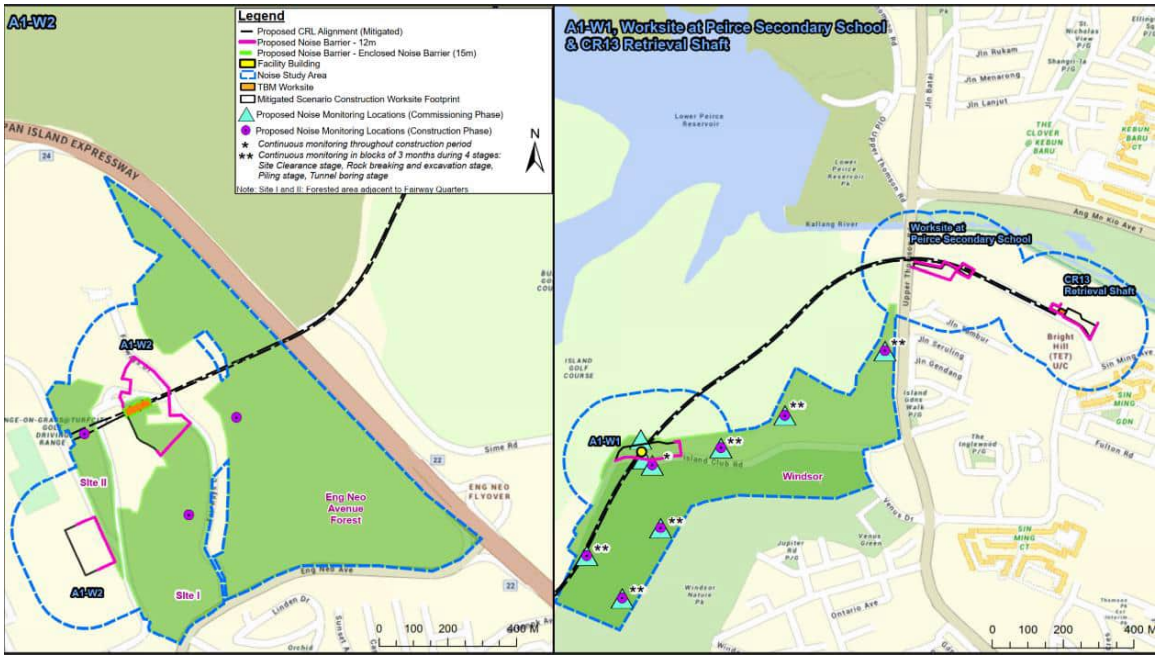


Figure 13-22 Proposed Noise Monitoring Locations with Construction Noise Barriers

13.10.2 Commissioning Phase

During commissioning phase, continuous airborne noise monitoring ($L_{eq\ 5min}$ and $L_{eq\ 1\ hour}$) shall be conducted for the seven (7) monitoring locations in Windsor (as per Figure 13-22) for three (3) months of the commissioning phase, in tandem with the biodiversity camera traps.

Apart from that, two (2) additional airborne noise monitoring ($L_{eq\ 15min}$) will be required at the north and south of the circular boundary of FB4 (facility building at A1-W1) for one (1) day (24 hours) within the commissioning phase, to monitor the potential airborne noise impact arising from the air conditioning and mechanical ventilation (ACMV) equipment which will be operating during commissioning phase. This indicates a total of nine (9) airborne noise monitoring locations during commissioning phase.

In general, the airborne noise level monitored shall comply with the *NEA's Technical Guideline on Boundary Noise Limits for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Building.* However, for noise monitoring at Windsor in this Project, the airborne noise level monitored shall be compared against the Project-specific criteria (no worse-off than baseline noise criteria) developed by conducting the pre-construction noise measurements as required in Section 13.10.1. The current set of Project-specific noise criteria based on baseline noise monitoring in Year 2020 is provided in Table 13 12 below for reference and/or basis of comparison if there is no further update hereafter.

Table 13-10 Project-Specific Noise Criteria for Commissioning Phase (Baseline Measured in Year 2020)

No.	Types of Affected Buildings	$L_{Aeq(15\ min)}$, dB		
		7am-7pm	7pm-11pm	11pm-7am
Windsor*	Noise Sensitive Premises such as hospital, home for the aged sick, library, etc.	55	55	52

***Notes:**

1. Ecological receptor noise impact to be assessed against the baseline noise level as the noise criterion.

2. If there are any noise monitoring works being conducted hereafter, i.e. during actual pre-construction phase (i.e. before actual site clearance) and/or pre-commissioning phase, this Project-specific noise criteria (no worse off than baseline approach) shall be updated accordingly and be complied on site.

13.10.3 Operational Phase

During operational phase, airborne noise monitoring and audit is not required. General housekeeping and environmental management measures shall be applied.

In general, the Rail Operator shall ensure the implementation of minimum control measures according to the relevant legislations (i.e. *NEA's Technical Guideline on Boundary Noise Limits for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Building* and *Technical Guideline for Land Traffic Noise Impact Assessment* [R-52, R-53]), as well as the proposed mitigation measures where the key ones are summarised in Section 13.13.3. If there are any noise monitoring works to be carried out at Windsor during operational phase in future, the same no worse-off than baseline noise criteria (see Section 13.10.2) shall be complied.

13.11 Ground-borne Vibration EMMP Requirements

This section details ground-borne vibration monitoring requirements before the commencement of construction works, during construction, commissioning phase and operational phases. It should be noted that for Windsor, biodiversity camera trap monitoring in tandem will be carried out during baseline, construction and commissioning phases, which will be correlated with coupled vibration and noise monitors at strategic locations to monitor any ground-borne vibration impacts due to this Project.

13.11.1 Construction Phase

Based on a review of sensitive receptors around the construction worksite areas, a ground-borne vibration monitoring program as per Table 13-11 is proposed to be conducted during Project construction.

The proposed ground-borne vibration monitoring program (refer to Table 13-11) shall be implemented before the commencement of construction works and during major construction stages which are likely to cause a significant vibration impact, which comprise: (1) Site clearance stage (use of bulldozer/excavator); (2) Rock breaking and excavation stage; (3) Piling stage; (4) Tunnel boring stage, when the tunnel is passing below the proposed monitoring locations.

Ground-borne vibration monitoring shall include continuous measurement of triaxial vibration levels caused by construction works throughout the said stages in real-time. The monitoring program shall be capable of transmitting 'trigger level alert' and 'stop work alert' messages to the Client to manage the ground-borne vibration levels emitted to the nearby sensitive receptors.

Additional requirements are required during the rock breaking and excavation stage planned for the A1-W1 worksite at Windsor, as outlined in Section 13.11.1.1 below.

13.11.1.1 Rock Breaking and Excavation Stage

During this stage, the dosage plan and output must not exceed the vibration threshold of PPV, 8.00 mm/s at the nearest monitoring location for Windsor and Eng Neo Avenue Forest and Site I and Site II of the Forested Area Adjacent to Fairways Quarters. The dosage limit to keeping within this vibration criteria can be tested in a testing phase on site before actual rock breaking, and excavation work commences. Place triaxial vibration monitors in strategic locations (see Figure 13-23), preferably in conjunction with biodiversity, light and noise monitoring devices. Additionally, an Ecologist and Environmental Officer shall be on site for at least the first seven (7) rock breaking and excavation events and during test runs. Ecologist shall monitor for any fauna behaviour (e.g. dashing onto the road) resulting in road-kill incidents for at least thirty (30) minutes after the event. In addition, during rock breaking and excavation events, there shall be ecologists present to observe fauna movements, and the appointed Contractor should take note to restrict visitors' entry into the Windsor trails. Suppose fauna is seen trying to dash onto the road. In that case, the next/following rock breaking event is immediately suspended, and mitigation measures should be applied to prevent such an event.

In addition, monitoring of burrow collapse is required during the rock breaking and excavation period, where daily measurements for over 15 days shall be taken as detailed in Section 13.6.1.3. The soil content and vibration levels are monitored parallel to identify the 30% soil volume threshold relative to the control soil volume. The control site for the burrow collapse monitoring shall be set up 1 month before construction works.

At Windsor, before rock breaking commences, a temporary barrier (e.g. water-filled barrier) shall be set up on both sides of Island Club Road (i.e. 250m at each side, hence a total length of 500 m) as shown in Figure 13-13. The length needs to be adjusted based on the amount and type of Maximum Instantaneous Charge (MIC).

Table 13-11 Recommended Monitoring Program during Construction Phase (Ground-borne Vibration)

Location (see Figure 13-23)	Parameters	Frequency and Duration
Eng Neo Avenue Forest	Peak Particle Velocity, PPV, mm/s	**Before Commencement of Construction Works** Continuous monitoring shall be carried out for at least six (6) months before the commencement of any construction works (i.e. before site clearance).
		During Specific Stages in Construction Phase Continuous monitoring shall be carried out for **at least one (1) week for each stage below: - Site clearance stage; - Rock breaking and excavation stage***; - Piling stage; and - Tunnel boring stage.
Site I and II of the Forested Area Adjacent to Fairways Quarters	Peak Particle Velocity, PPV, mm/s	**Before Commencement of Construction Works** Continuous monitoring shall be carried out for at least six (6) months before the commencement of any construction works (i.e. before site clearance).
		During Specific Stages in Construction Phase Continuous monitoring shall be carried out for **at least one (1) week for each stage below: - Site clearance stage; - Rock breaking and excavation stage***; - Vibratory compacting and piling stage; and - Tunnel boring stage.
Windsor*	Peak Particle Velocity, PPV, mm/s	**Before Commencement of Construction Works** Continuous monitoring (Triaxial with 3G remote communication) shall be carried out at all proposed vibration monitoring locations in Windsor for six (6) months before the commencement of any construction works (i.e. before site clearance).
		Throughout Construction Phase • *Continuous monitoring at one (1) location in conjunction with the continuous noise monitoring programme (i.e. near the south of the A1-W1 worksite) throughout the construction period. • During specific stages in the construction phase, as part of the additional faunistic survey programme in Windsor (see Section 13.6.1.3), a biodiversity camera trap and light monitor shall be placed at this particular location to correlate camera trap sightings with vibration readings. **During Specific Stages in Construction Phase** • *Continuous monitoring (Triaxial with 3G remote communication) shall be carried out at the proposed 7 (out of 8) vibration monitoring locations for at least **in blocks of three (3) months for each stage below: - Site clearance stage; - Rock breaking and excavation stage***; - Piling stage; and - Tunnel boring stage
Notes: • * There is a total of eight (8) vibration monitoring locations in Windsor, in which seven (7) shall be placed in tandem with the biodiversity camera trap and light and noise monitors (see Figure 13-11). The remaining one (1) shall be placed at the immediate eastern boundary of the A1-W1 worksite without a biodiversity camera trap. Among the proposed vibration monitoring locations, there is 1 vibration monitor near the south of the A1-W1 worksite to be dedicated for continuous vibration and noise monitoring throughout the construction period. Refer to Figure 13-23.		

Location (see Figure 13-23)	Parameters	Frequency and Duration
**This monitoring period is extendable if LTA and/or relevant authorities require it if the first set's results are inconclusive. ***Vibration monitoring as part of the burrow collapse monitoring programme shall be conducted during the rock breaking and excavation stage as detailed in Section 13.6.1.3.		

13.11.2 Commissioning Phase

Suggest performing continuous ground-borne vibration monitoring of Peak Particle Velocity (PPV) at the exact locations in Windsor only (see Figure 13-23). The monitoring shall last for at least the first six (6) months of the commissioning phase and extendable to a further 6 months if required by the LTA and/or relevant authorities if the first set of results are inconclusive. Refer to Table 13-12 for the vibration monitoring locations are shown in Figure 13-23.

Table 13-12 Recommended Monitoring Program during Commissioning Phase (Ground-borne Vibration)

Location	Parameters	Frequency and Duration
Windsor	Peak Particle Velocity, PPV, mm/s	Continuous monitoring for first 6 months of Commissioning Phase

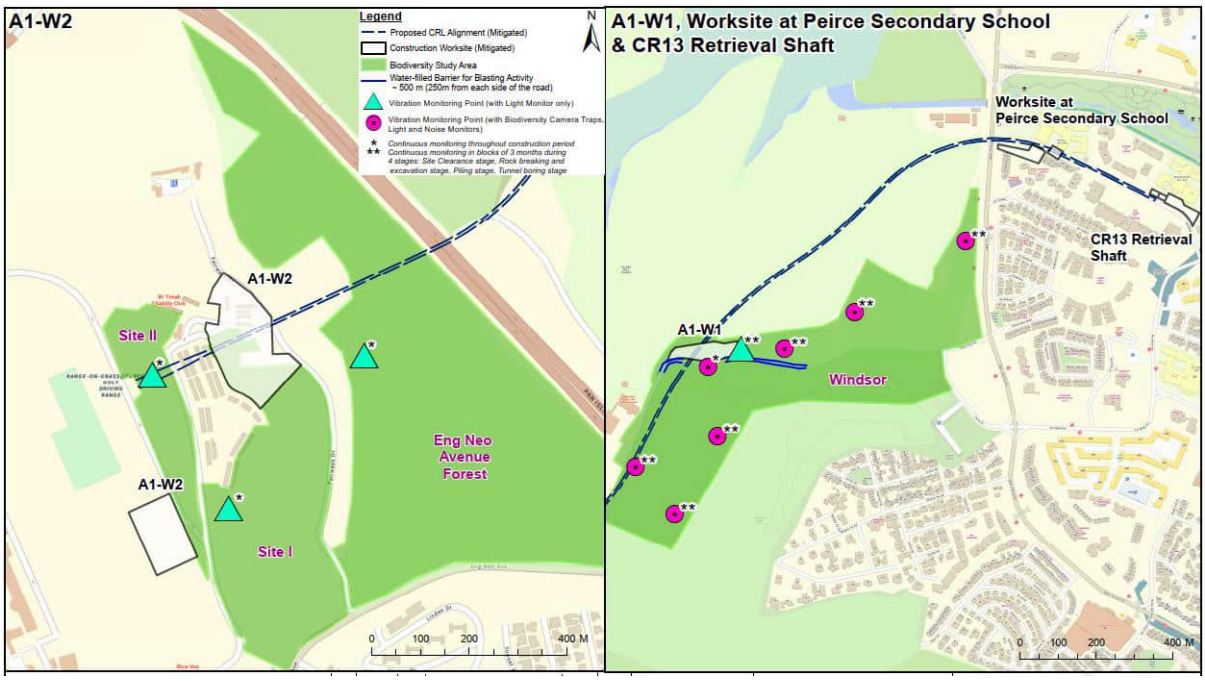


Figure 13-23 Recommended Ground-borne Vibration EMMP Monitoring Locations for Construction and Commissioning

13.11.3 Operational Phase

During the operational phase, ground-borne vibration monitoring and audit are not required. General housekeeping and environmental management measures shall be applied.

Generally, the Rail Operator shall ensure the implementation of minimum control measures and recommended mitigation measures, summarising the key measures in Section 13.13.3 of this document.

13.12 Environmental Audit

13.12.1 Construction Phase

13.12.1.1 Internal Site Inspection/Audit by EM/ECO

Site surveillance provides a direct means to assess and ensure the Project's environmental protection and pollution control measures are in compliance with the contract specifications and the EMMP. The EM/ECO should inspect the construction activities regularly and routinely to ensure that the appropriate environmental protection and pollution control mitigation measures are properly and timely implemented, based on the EMMP's recommendations. With well-defined pollution control and impact mitigation measures outlined, and a well-established efficient remedial action reporting system, the site inspection is an effective "tool" to ensure acceptable environmental performance at the construction site.

After consultation with Project's SO, the EM/ECO should prepare a procedure for the site inspections, deficiencies, remedial action, and reporting requirements. This documentation shall be agreed to by the RTO and Contractor representative, and approved by the Project Owner within 21 days of the commencement of the construction contract.

Weekly site inspections should be carried out by the EM/ECO to ensure the environmental, health and safety measures are properly implemented at all the work areas during the construction phase. The EM/ECO shall submit an Environmental Performance/Inspection Report which covers the onsite environmental situation, pollution control and mitigation measures to LTA fortnightly. Offsite environmental situations, which may be affected by onsite activities, (directly or indirectly) should also be reviewed.

13.12.1.2 External Environmental Audit by LTA's Independent EMMP Consultant

A third party independent EMMP consultant shall be engaged to perform routine environmental audit/ verification checks of the EMMP implementation by the Contractor (for all assessed environmental parameters in ecological perspectives) throughout the construction period. The routine audit includes but not limited to reviewing relevant documents prepared by Contractor's EMMP consultant, providing ad-hoc advice, assisting in resolving complaints with the Contractor, etc. largely for ecological perspective as LTA in house staff and project staff shall be able to resolve issues related to human impacts.

The external environmental audit exercise would also include the documentation review of on-site monitoring records against the proposed measures and findings in the approved site specific EMMP. This is to ensure proper implementation of minimum control measures, mitigation measures and EMMP proposed in this report, as well as to identify and/or resolve potential environmental incompliances and potential gaps with the findings in report, if any observed during the audit.

13.12.2 Commissioning Phase

It is suggested for the Contractor to engage an independent EMMP consultant to perform routine environmental audit in parallel to the biodiversity monitoring works. This is to inspect the effectiveness of biodiversity monitoring works and other on-site environmental implementations during commissioning phase before handing over to the rail operator.

13.12.3 Operational Phase

Environmental audit by an independent EMMP consultant may not be required during the operational phase of this Project. The EHS Officer and the rail operator shall manage the overall environmental performance and ensure implementation of minimum control measures and mitigation measures proposed in this report.

13.13 Summary of Proposed EMMP

The framework for the proposed EMMP is detailed below; however, it is important to note that this is not an exhaustive list of potential impacts, monitoring requirements, and triggers. This EMMP is intended to be a living document and should be reviewed thoroughly by the Client/ Project Owner/ rail operator and the Contractor (CT) prior to implementation. Development of the following inputs, that have not been addressed in this report, by the CT and/or rail operator are also required, including but not limited to:

- Stakeholder Communications Plan;
- Air Pollution Control Plan;
- Site log for all monitoring activities and complaints;

- Construction Logistics Plan;
- Standard Operating Procedures;
- Emergency Response Plan;
- Inventory of wastewater streams;
- Training protocols for staff, where appropriate; and
- Maintenance and Audit Schedules.

13.13.1 Construction Phase

The EMMP for construction phase of the Project is summarised in the following table.

Table 13-13 Proposed Environmental Monitoring and Management Plan for Construction Phase

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
General	Exclusion of the evaluation of certain environmental impacts where detailed design is not available for review at the time of writing this report	• The current preliminary worksite design used for this study excludes any inputs in terms of locations of piezometers, utilities/ road diversion areas, site elements (e.g. workers dormitory, detention tank, site office etc.). • If this be available at later stage, the Contractor shall review the impact study findings based on the latest design inputs, then update the recommended EMMP (e.g. monitoring frequency/location) accordingly if necessary.	N/A	N/A	N/A	N/A	CT	N/A
Biodiversity	Minimisation of construction impacts to flora/vegetation	• Mark out site boundary. • Trees that are to be retained within worksite would require an arborist to clearly mark out Tree Protection Zones where no works are allowed. The Tree Protection Zones should be set up in accordance with NParks guidelines	• Identification of locations, species and quantity of transplant candidates that are affected by construction	Flora and Arboriculture	Within development boundary	Prior to site clearance	CT, EM/ECO, Flora Specialist	N/A
			• Inspection of integrity of TPZ hoarding • Assessment of tree physiological health and vigour • Determination of presence of mechanical damage to trees that may impair stability • Review of method statements of construction works in proximity to retained trees • Identification of excessive or unauthorised tree removal • Identification of trees that require management and maintenance such as tree care and pruning • Determination of any unauthorised removal of flora within areas of conservation (if any) or beyond the demarcated worksite • Identification of areas with soil erosion and degradation that have resulted from construction activities • Determination of unauthorised dumping of waste material, construction debris or oil/chemical leakage that may contaminate the soil and waterbodies, and/or be detrimental to the vegetation • Identification of areas that are responding poorly due to the development impacts.		Within development boundary and 15m beyond hoarding line	Monthly for duration of construction	CT, EM/ECO, Flora Specialist, Arborist	
	Minimisation of construction impacts to fauna Minimisation of construction impacts to fauna	• N/A	• Areas not used should be returned to earth ground and replanted if possible. Planting scheme should be as similar to forest composition to adjacent forest, if not as native as possible. Other than minimising edge effects, it can serve as a natural barrier to light, noise and dust to reduce disturbance. As a general guide, 400 trees should be replanted for every hectare to be reinstated	Fauna Fauna	Within development boundary	Post-construction	CT, EM/ECO, Flora Specialist, Arborist	N/A

[12] Resident Technical Officer (RTO) and Site Officers (SO, WSHO and ECO) check the Project site for construction progress and implementation of environmental mitigation measures.
[13] If there is trigger then all the mitigation and management measures should be audited in detail for compliance and corrective action must be taken in liaison with the Project Owner.

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
		• Before vegetation removal, pre-felling fauna inspection should be conducted by an Ecologist to identify wildlife or nesting structures that are being actively used such as bird nests, tree hollows and burrows.	• Implementation of directional clearing • Inspection for presence of trapped/injured/dead fauna, potential fauna entrapments and gaps in site hoarding • Toolbox briefings on biodiversity awareness		Within development boundary	Prior to site clearance	CT, EM/ECO, Ecologist	
		• Soil erosion control measures are to be executed once vegetation has been removed and when soil is exposed • Implement dust control measures and other relevant air pollution control measures • Proper storage of materials that are likely to leech harmful chemicals and fuel-powered equipment away from waterbodies or sensitive habitats • Ensure noise levels are within approved limits • Ensure vibration levels are within approved limits	• Assessment of habitat quality (e.g., water quality, excessive vegetation removal, light management strategies) • Implementation of only 100% biodegradable ECBs • Establish a comprehensive waste management system and submit a contract-specific Waste Management Plan which details the types of waste generated, location and types of waste management facilities, frequency of disposal, as well as information of waste management Contractors. This will act as the guidance for workers to ensure proper implementation of waste management and disposal on site, where the practices shall include but not limited to: - Strictly prohibit illegal disposal of construction wastes into streams and storm water channels or other waterbodies - Strictly prohibit littering of food waste and food packaging - Provide sufficient fully covered food waste bins that are secured in a manner that is wildlife-proof - Clear all food waste from the worksite at least once a day - If fauna is found to be active around waste disposal areas, the Contractor shall implement measures to reduce the source of the attractant in consultation with the Ecologist • Implementation of proper vector management strategies, where the hierarchy of vector control for construction worksites near Windsor, Eng Neo Avenue Forest and Forested Areas Adjacent to Fairways Quarters shall be as follows: (a) no thermal fogging to prevent unintended impacts to invertebrate fauna nearby; (b) no chemical insecticides, pesticides and rodenticides shall be used for pest control; (c) no sticky traps shall be used for pest control.		Within development boundary	Monthly for duration of construction	CT, EM/ECO, Ecologist	
		N/A	• Conduct biodiversity survey to monitor construction impacts on fauna activity and presence • Conduct inspection on measures implemented, e.g. rope bridges and culverts • Conduct ground-borne and airborne noise monitoring to monitor behaviour of fauna to impacts in tandem with biodiversity camera traps for fauna monitoring (refer to details of noise and		Adjacent to development boundary	Monthly for duration of construction	CT, EM/ECO, Ecologist	

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
			vibration monitoring as part of the additional faunistic survey programme in Section 13.6.1.3)					
		N/A	• Conduct burrow collapse monitoring where daily measurements for 15 days shall be recorded, including soil content and vibration levels (see Section 13.6.1.3)		Adjacent to development boundary	During rock breaking and excavation stage	CT, EM/ECO, Ecologist	N/A
		Wild-life management protocol	• Recording of number of number of occurrences of human-wildlife conflict		Within development boundary	Daily monitoring and record-keeping	CT, EM/ECO	When fauna is encountered within development boundary
		N/A	• Construction of at least three (3) rope bridges along Island Club Road for ecological connectivity to arboreal mammals • Set up control site for burrow collapse monitoring • Enhance the culvert along Island Club Road with increase vegetation cover to encourage wildlife to use the culvert for road crossings (subject to authority's approval) • Install at least one (1) culvert and barrier along Fairways Drive Road to minimise roadkill incidents, particularly pangolins. • Implementation of road calming measures such as road signages, speed limitation, road humps at Island Club Road and Fairways Drive Road.		Adjacent to development boundary	At least 6 to 12 months before the construction works	CT, EM/ECO	N/A
Hydrology and Surface Water Quality	• Solid & Toxic Waste Generation • Liquid Effluent and stormwater runoff Generation • Improper Management of Chemical Substances	<u>Key Minimum Controls</u> 1. Solid & Toxic Waste Generation • Effective ECM and monitoring implemented as recommended in the Code of Practice on Surface Water Drainage to ensure that discharge into the stormwater drainage system does not contain TSS in concentrations greater than the prescribed limits under the Sewerage and Drainage (Surface Water Drainage) Regulations; • Hazardous substances and toxic wastes should be stored on hard stand, under shelter with a kerb around the storage area; • Implementation of CCTV including SIDS at the public drain to monitor the surface runoff discharges from the sites as per the Public Utilities Board of Singapore's (PUB) circular on Preventing Muddy Waters from the Construction Sites (October 2015); and • All wastes will be disposed only in the designated waste disposal facilities and appropriately separated, i.e. by trained workers to properly sort and label the different types of waste (reusable and recyclable waste, toxic and non-toxic waste, etc.). 2. Liquid Effluent Generation and Stormwater Runoff • A full inventory of all anticipated wastewater streams and volumes should be finalised before the onset of the construction works; • No unmanaged discharge of wastewater stream permitted; • Reduce, reuse, and recycle hierarchy principle to be applied to wastewater on-site;	N/A	All water quality parameters identified in Table 13-4. And any flooding issues should be recorded and inspected.	Before every discharge outlet and at the sensitive stream and drain (i.e. D/S13 and D/S16).	One time monitoring prior to site clearance	CT, EM/ECO	Investigation and corrective actions to be taken there is a significant drawdown of groundwater level.

			• Shift A1-W2 worksite out from Eng Neo Avenue Forest
			• Flow diversion of affected area of D/S16 before temporary access road construction. The flow diversion will seek for PUB's approval and the drain design will follow PUB's Code of Practice on Surface Water Drainage. Any storm discharge from the worksite to the diverted drain will require to meet NEA Trade Effluent Discharge Limits if applicable.
				All water quality parameters identified in Table 13-4.
				And any flooding issues should be recorded and inspected.
					Before every discharge outlet and at the sensitive streams (i.e. D/S13 and D/S16).	• Permanent TSS monitor installed at every discharge outlet;
						• Implementation of CCTV including a SIDS at every discharge outlet to monitor the surface runoff discharges from the sites;
						• Monthly water quality monitoring for all discharge locations during construction phase;
						• Bi-weekly water quality monitoring for D/S13 during construction period;
						• Bi-weekly water quality monitoring for D/S16 during construction period;
						• Intensity of the laboratory analysis will be increased (e.g. fortnightly, weekly) if in-situ
							CT, EM/ECO	Investigation and corrective actions to be taken, when:
								• The following documentation are found inadequate/missing:
								  • ECM Plan;
								  • Monitoring Log;
								  • Training Log;
								  • Audit Reports;
								• If the monitored parameters exceed applicable values of NEA Trade Effluent Discharge Limits at discharge point (refer to Table 13-3);

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]

		• Hazardous wastewater, such as oily water, thinners, solvents, or paints, should be stored on hard stand, under shelter with a kerb around the storage area. The wastewater should be removed for treatment and disposal off-site by an approved Waste Management Contractor. Hazardous liquids to be handled as Hazardous Waste;
		• Containment pond/kerbs will be of impervious material and be designed with sufficient capacity to hold volumes of wastewater produced on-site and potential fire-fighting wastewater. Contractor will seek for comment and approval from relevant authorities (e.g. SCDF and NEA) on the treated wastewater to be used for firefighting purpose;
		• Adequate drainage, cut-off drains, sump pit, road kerb, piping and toe wall shall be designed for channelling of construction process wastewater streams (e.g. concrete batching, wash water, etc.) and stormwater runoff separately through detailed design for capture and treatment in the containment pond/kerbs. Where applicable (e.g. in the vicinity of liquid storage or refuelling areas), this infrastructure shall include oil-water separators to capture inadvertent spills or leaked oils or greases;
		• Temporary storage volumes should be provided for overflow situations. Temporary storage with sufficient capacity will capture any expected additional volumes to ensure untreated wastewater is not released to watercourses unless it complies with Singapore NEA Guidelines on trade effluent discharge concentrations;
		• Contractor will need to seek approval from relevant authorities (i.e. PUB & NEA) as per PUB Sewerage and Drainage (Trade Effluent) Regulations if the wastewater will be disposed to public sewer or NEA's Trade Effluent Discharge Limits to controlled watercourse if the treated trade effluent will be disposed to surface watercourses. If such discharges are not approved, the trade effluent will be stored, treated or recycled on site and finally disposed off-site;
		• It shall note that no TBM dewatering facilities, grout handling and cement plants are allowed at this worksite at Windsor;
		• The discharge of pumped dewatered groundwater or other wastewaters to sensitive aquatic habitats shall be prohibited (e.g. natural streams within Windsor Nature Park and Eng Neo Avenue Forest);
		• Tunnel washing effluent should be discharged to containment pond/kerbs that manually collected by operator assigned private wastewater collector to be transferred to wastewater treatment plant;
		• Surface runoff from the worksite A1-W1 will be treated with ECM system before discharge to the nearby watercourses along the Island Club Road with the following measures:
		  • Routine monitoring and maintenance of the ECM treatment plant-related equipment; and
		  • Spare pumps, piping and other ancillary equipment will be stored at the worksite for
						measurements and/or monthly laboratory results indicate deterioration in the water quality. Intensified monitoring will be carried out until in-situ measurements and/or laboratory results indicate 'normality'/consistency with earlier monitored conditions; and
						• Daily inspection on perimeter drains to ensure no surface runoff flowing out from the site untreated done by the site officer with routine audit done by independent EMMP consultant.
						• Daily inspection on perimeter drains and stream including D/S13 along Island Club Road and D/S16 at Forested Area adjacent to Fairways Quarters to ensure no surface runoff flowing out from the site untreated done by the site officer with routine audit done by independent EMMP consultant.
								• If the monitored parameters exceed applicable values of Water Quality Criteria for Aquatic Life at natural stream (refer to Table 13-3);
								• If any flooding or clogging issues observed;
								• If complaints are received due to Project activities; and
								• If visual non-compliance to any of the minimum control or mitigation measures are observed on-site.

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
		redundancy to enable prompt replacements/repairs are made to allow for smooth operation of the ECM system at all times. • Appropriate disposal of any waste listed in the Environmental Public Health (General Waste Collection) Regulations by licensed waste operator/collector regardless the wastes to be disposed off-site or discharged to public sewer; • Runoff within, upstream of, and adjacent to the worksite shall be effectively drained away without causing flooding in the vicinity; • Appropriate permits for discharge to be obtained from relevant authority prior to discharge. No trade effluent other than that of a nature or type approved by NEA Director-General shall be discharged into any watercourse or land; • Regular and dedicated procedures for the management of stormwater collection, settling, testing and eventual discharge of 'clean' water to watercourses. This should also include associated measures required to prevent high sediment concentration stormwater drainage to watercourses; and • Geotechnical aspect of site's slope stability (such as Earth Retaining and Stabilising structures (ERSS) to be included in detailed design engineering for the construction stage. 3. Improper Management of Chemical Substances • Development of SOP for safe handling, transfer and storage of toxic waste; housekeeping checks once a day to ensure all toxic waste is cleared from site; • Appropriate tests to ascertain the presence/absence of contamination of the excavated earth and sand; • Appropriate fully sheltered storage area with storage volume to be 110% of the largest volume of chemical substances to be stored (kerb up and enclosed on at least 3 sides, covered and with adequate ventilation); • Appropriate construction material for toxic waste storage containers with leak detection tests conducted periodically; • Provision of secondary containment for all toxic waste stored in bulk as per the requirements in the COPPC/SS593; • Preparation of an emergency response plan, training of the emergency response team (ERT) to be competent in the response mechanism and provision of response kits for any spillages; • Consignment notification/tracking system and transport emergency response plan for transport of toxic waste; • Appropriate disposal of toxic waste as per required in the Environmental Public Health (Toxic Industrial Waste) Regulations by licensed waste operator/collector.					

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
Soil and Groundwater	Decreased groundwater baseflow feeding into the streams	Minimum Controls: • Install piezometers to monitor the changes in groundwater level in compliance with Building Control Regulations 2003 as part of its instrumentation and monitoring plan to be endorsed by the Qualified Professional (QP); and • Proper Earth Retaining Stabilising Structures (ERSS) should be selected and designed to limit groundwater settlement.	• Not Applicable.	Groundwater Level	Actual monitoring location to be decided by QP.	To continuously monitor the groundwater level throughout the lifetime of the construction phase.	CT, EM/ECO	Investigation and corrective actions to be taken there is a significant drawdown of groundwater level.
	Improper Management and Disposal of Excavated Soil and Groundwater	• Identify all types of solid waste (e.g. tunnelling waste) and implement comprehensive waste management system at the site in order to ensure proper disposal and prevent pollution to the environment. This Contractor should conduct a construction risk assessment and prepare a comprehensive construction health, safety and environment plan. If health impacts to workers are foreseen due to the handling of such waste, necessary precautionary measures as per the safety data sheets (SDS) including personal protective equipment should be implemented on site. • Use approved materials, of the same or better quality as the surrounding area, for backfilling works. All backfilled material shall be free of debris, and of good material soil. • Handle and dispose excavated soil following the procedure shown in the Figure 13-19. This flow chart explains how to handle excavated soils, and identify potential areas of contamination as well as potential of contamination (POC) in excavated soils. If the POC soils are tested for exceedance in DIVs, the soils can be disposed of to toxic waste collectors or undergo soil treatment. If contaminated soils were sent for treatment to an acceptable standard such as the DIV, the treated soil can be disposed in the staging ground or through a general waste collector, depending on the level of the contaminants during the staging ground testing. • Upon receipt of results on the tested parameters (chemicals, heavy metals) exceeding the regulatory limits, the construction Contractor should further assess the potential inhalation and dermal contact impacts of the exceeded parameters to the site workers exposed to areas where soil and/or groundwater contamination is identified. The risk assessment should be conducted before the commencement of construction activities and the findings incorporated into the Contractors' construction risk assessment and health, safety and environment plan. If health impacts to workers are foreseen, necessary precautionary measures, as per the respective chemical SDS, should be implemented on site. • A site management plan should include plans of safe handling, transfer and storage of excavated soils following the procedure in the Figure 13-19. • Discharge of extracted groundwater shall be to an area approved for such disposal by the NEA and PUB and the proposed location as identified in the		Records on waste generated and hazardous chemicals used at the construction site should be properly kept and records produced when requested.	• At locations where excavated soil and extracted groundwater are generated and stored. • At locations where toxic chemical wastes are generated and stored. • At locations where hazardous chemicals/substances are used and stored.	• Monitoring records of the amount and type of toxic chemical waste generated, once a week • Inspection of hazardous chemical /substances storage conditions, once a week. • Routine environmental audit by independent EMMP Consultant during construction phase.	CT, EM/ECO	Investigation and corrective actions to be taken, when: • There are no/ poor records of toxic chemical waste amount and type; and • There is evidence of poor handling/ storage of toxic chemical waste and hazardous chemical.

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
		Figure 13-19 and following the process set out in the Figure 13-20. Based on the results of the soil and groundwater baseline study, the detected concentrations in groundwater do not exceed the DIVs. However, it is recommended that the construction Contractor to be vigilant of site conditions and extracted groundwater to be tested at regular intervals, especially for extracted groundwater with oily sheens or noticeable odour. If a contaminant concentration in excess of the DIV is detected, the Contractor shall assess the potential inhalation and dermal impacts of the chemical identified and assess potential health and safety considerations for exposure to groundwater before commencement of construction activities. Such contaminated wastewater may need to be disposed of to a licenced toxic waste collector. • Bentonite slurry used in the TBM will be pumped into the slurry treatment plant for recycling, cleaning and removal of native cut material. Treatment methodologies in the slurry treatment plant will include de-sanding (e.g., cyclones) and filtration. Handling and disposal of spoils for disposal after the treatment shall follow the procedure in the Figure 13-19.						
	Toxic Chemical Waste Generation during Construction Phase	Minimum Controls: • Identify all types of toxic chemical waste and implement comprehensive waste management system at the site in order to ensure proper disposal and prevent pollution to the environment. This Contractor should conduct a construction risk assessment and prepare a comprehensive construction health, safety and environment plan. If health impacts to workers are foreseen due to the handling of such waste, necessary precautionary measures as per the safety data sheets (SDS) including personal protective equipment should be implemented on site; • Inspect all equipment prior to entering the site for fuel/hydraulic lines, leaking tanks, and other potential faulty parts that could potentially cause contamination to soil or groundwater; • Dispose all construction debris (under category C&D) at the gazetted Government dumping grounds or at such other sites or locations as directed by NEA; • Store generated toxic chemical waste under shelter within concrete bund walls or in storage containers with good ventilation. Spill trays shall be provided for all waste containers Spill trays shall be regularly maintained to prevent rain from washing out the pollutive substances; • Note that the Earth Control Measures (ECM) is for the containment and treatment of silty discharge due to the impact of rainwater. ECM is not meant for the treatment of wastewater due to construction activities (such as pipe-jacking and bore-piling works) which shall be treated to comply with the requirements under prevailing legislation; and						

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
		• Contractor will need to seek approval from relevant authorities (i.e. PUB & NEA) prior to any discharge of treated trade effluent generated (including wastewater from tunnelling activities and bentonite slurry treatment system/plant) as per PUB Sewerage and Drainage (Trade Effluent) Regulations if the wastewater will be disposed to public sewer or NEA's Trade Effluent Discharge Limits to controlled watercourse if the treated trade effluent will be disposed to surface watercourses. If such discharges are not approved, the trade effluent will be stored, treated or recycled on site and finally disposed off-site..						
	Improper Handling of Hazardous Chemicals/Substances during Construction Phase	Minimum Controls: • Remove any hazardous substance or chemical if there are safer alternatives; • Ensure all hazardous substance and chemical containers are labelled its movement is recorded and returned to the designated storage areas when not in use; • Assess the SDS of all the hazardous substances and chemicals prior to its entry to site for its suitability in terms of SHE hazards and consider safer alternatives; • Ensure no trade effluent other than that of a nature or type approved by NEA Director-General shall be discharged into any watercourse or land; • Ensure all activities involving repair, servicing, engine overhaul works, etc. shall be carried out on an area which is appropriately contained (e.g. concreted area and with proper containment/sumps) and all wastes are channelled for appropriate treatment or disposal to meet the regulations; • Store chemicals stored under shelter within concrete bund walls or in storage containers with good ventilation. Spill trays shall be provided for all drums, plants and machinery and potential pollutive substances used on site. Spill trays shall be regularly maintained to prevent rain from washing out the pollutive substances; and • Provide emergency spill kits on site in the event of any chemical spillages. The emergency response team shall also be competent in the use of these spill kits.						
Air Quality	Air quality impact from dust nuisance from the construction activities and gaseous emissions from the construction equipment and vehicles	• The construction footprint shall be hoarded on all sides; • No demolition of permanent structure is expected as part of the Project; and • Road construction or expansion shall be completed first and paved where possible before the construction of other development commences.	General mitigation measures to be implemented throughout construction period. Communications: • Develop and implement a stakeholder communications plan that includes community engagement before work commences on site. • Display the name and contact details of person(s) accountable for air quality and dust issues on the site boundary. This may be the environment manager/engineer or the site manager. • Develop and implement an Air Pollution Control Plan (APCP) Site Management:	Dust deposition in $mg/m^2/day$	• Forested area adjacent to Fairways Quarters (Site I and Site II) • Windsor	• Prior to site clearance: Conduct one-time air quality monitoring of PM_{10} and $PM_{2.5}$ for 1 week at Site I, Site II and Windsor, for the establishment of baseline • Throughout construction period: Continuous dust deposition monitoring, averaged over 4-week period • Routine environmental audit by independent EMMP Consultant during construction phase.	CT, EM/ECO	Investigation and corrective actions to be taken, when 1. Any of the following documentation are found inadequate / missing: Air Pollution Control Plan; Compliance certificate of an Off-Road Diesel engine; or Monitoring Log. 2. If the monitored PM_{10} and $PM_{2.5}$ exceed

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
			• Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken. • Make the complaints log available to the local authority when asked. • Record any exceptional incidents# that cause dust and/or air emissions, either on-site or off- site, and the action taken to resolve the situation in the log book. • Hold liaison meetings with other high risk construction sites within 500m of the site boundary, if any, to ensure plans are co-ordinated and dust and particulate matter emissions are minimised. Monitoring: • Undertake regular (daily frequency recommended) on-site and off-site inspections and record results. The log should be made available to the NEA or other Government Agencies if required. Inspections should include regular dust soiling checks of surfaces such as street furniture, cars and window sills within 100m of site boundary. Cleaning should be provided if necessary. • Carry out regular site inspections to monitor and record compliance with the Air Pollution Control Plan. • Increase the frequency of site inspections during prolonged dry or windy conditions. • Conduct monitoring for dust deposition at suitable locations (refer to Section 13.9.1 for details) Preparing and maintaining the site: • Plan site layout so that machinery and dust causing activities are located away from receptors, where possible. • Erect hoarding around dusty activities and at the site boundary wherever possible. Boundary screens should be at least as high as any stockpiles or dust emission sources on site. • Fully enclose specific activities where there is a known high potential for dust production and the site will be active for an extensive period of time. • Keep site fencing, barriers, and scaffolding clean by cleaning regularly using wet methods (dry methods may give rise to fugitive dust). • Remove materials that have the potential to produce dust from site as soon as possible, unless being re-used on site. If they are being re-used on-site, stockpiled material should be covered, seeded, fenced or enclosed to prevent fugitive dust formation. Operating vehicle/machinery and sustainable travel: • Impose and signpost a maximum-speed-limit of 25 km/hr on paved or surfaced haul roads and 15 km/hr on unpaved haul roads and work areas. • Produce a Construction Logistics Plan to manage the sustainable delivery of goods and materials. • Ensure all vehicles and engine powered equipment comply with the legislative requirements of Singapore • Ensure all vehicles and equipment switch off their engines when stationary – i.e. no idling vehicles or					Singapore long term air quality targets. 3. If the dust deposition monitored exceeds 200 mg/m^2/day averaged over 4-week 4. If complaints are received due to Project activities. 5. If visual non-compliance to any of the minimum control or mitigation measures are observed on-site.

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
			engines. Clear signs shall be erected at site entrance to inform all visitors. • Where practicable, avoid the use of diesel- or petrol-powered generators and use mains electricity or battery powered equipment Construction: • Only use cutting, grinding or sawing equipment fitted with, or in conjunction with, suitable dust suppression techniques such as water sprays or local extraction e.g. local exhaust ventilation system. • Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate. • Use enclosed chutes and conveyors and covered skips wherever possible. • Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate. • A stringent "Clean as you go" Policy should be implemented on site to ensure no loose dry material is left exposed when not in use. Equipment should be readily available on site to clean and dry spillages, and cleaning should be conducted as soon as reasonably practicable after the event using wet cleaning methods. Waste Management: • Avoid burning of waste or other materials					
			MITIGATION MEASURES FOR EARTHWORKS • Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable. • Use Hessian, mulches or soil tackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable. • Only remove the cover in small areas during work and not all at once.					
			MITIGATION MEASURES FOR CONSTRUCTION (applicable for A1-W1 only) • Avoid scabbling (roughening of concrete surfaces) if possible. • Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place. • Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery. • For smaller supplies of fine power materials ensure bags are sealed after use and stored appropriately to prevent dust.					
			MITIGATION MEASURES FOR TRACKOUT • Use water-assisted dust sweeper(s) on the access and affected local roads, to remove, as necessary,					

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
			any material tracked out of the site. This may require the sweeper being continuously in use. • Avoid dry sweeping of large areas. • Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport. • Inspect on-site haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable. • Record all inspections of haul routes and any subsequent action in a site log book. • Install hard surfaced haul routes, which are regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned. • Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable). • Ensure there is an adequate area of hard surfaced road between the wheel wash facility and the site exit, wherever site size and layout permits. • Site access gates to be located at least 10m from receptors where possible					
Airborne Noise	Noise from construction machines and equipment, especially rotational and vibratory equipment (e.g. dozers, cranes, excavators, trailers, generators, etc.) (see Appendix Z)	Minimum Controls: • Construction prohibition period should be followed, as per fourth schedule of Environment Protection and Management regulation; • Prepare a Construction Noise Management Plan, to establish baseline monitoring prior to site clearance, plan for monitoring during the construction phase, and procedure for complaint handling; • The Contractor shall review the equipment to be used on site and erect localised noise barriers prior to undertaking high noise generating work; • Machines (such as trucks) that may be in intermittent use shall be shut down between work periods or shall be throttled down to a minimum; • Only well-maintained plants shall be utilised on-site and plants shall be serviced regularly during the entire construction period; • The number of PMEs shall be reduced as far as practicable when construction works are carried out at areas close to the noise sensitive receivers: • Silencers or mufflers on construction equipment shall be utilised and shall be properly maintained during the construction programme; • Behavioural practices including no shouting, no loud stereos/ radios on site, no dropping of materials from height, no throwing of metal items shall be ensured; • Construction respite: Restrict high noise generating drilling activities only in continuous blocks, not exceeding 3 hours each, with a	MITIGATION MEASURES FOR GENERAL CONSTRUCTION NOISE CONTROL: • Control of noise sources at the source from construction site – Analyse construction inventory list and check equipment causing high noise levels. The equipment with lower noise level hall be prioritised. • Where controlling noise sources at the source is not feasible, acoustic enclosures or sheds are to be introduced to mitigate noise at the source. Typical acoustic enclosure covers the machine as fully as possible (with or without ventilation where applicable) to provide sound insulation. MITIGATION MEASURES FOR CONSTRUCTION NOISE: Noise Barrier of minimum STC 20 are proposed to be erected at all the locations presented in in the Section 13.10 and Figure 13-22 in order to mitigate the construction noise to the noise sensitive receptors. These locations are: • 12 m high noise barrier at the construction boundary of A1-W1 fronting noise sensitive receptors (Windsor); • 12m high noise barrier at the construction boundary of optimised A1-W2 worksite fronting noise sensitive receptors (Eng Neo Avenue Forest, Site I and Site II); • 12 m high noise barrier at the boundary of underpinning works at Peirce Secondary School fronting noise sensitive receptors;	Leq 12hours, Leq 1hour and Leq 5mins	Three (3) locations at Eng Neo Avenue Forest, Site I and Site II boundary and closest to A1-W2 worksite (see Figure 13-22)	Before commencement of any construction works (including site clearance) • One-time airborne noise monitoring for 1 week at the proposed locations, for establishment of latest baseline. During Construction Phase • Continuous monitoring at the proposed locations for the entire duration of construction.	CT, EM/ECO	Investigation and corrective actions to be taken, when: 1. Any of the following documentation are found inadequate / missing: • Construction Noise Management Plan; • Monitoring Log. 2. If the monitored parameters exceed applicable values of EPM regulations. 3. If complaints are received due to Project activities. 4. If visual non-compliance to any of the minimum control or mitigation measures are observed on-site. 5. If there are any cracks / leaks present on the noise barrier erected.
					One (1) location within Windsor and closest to A1-W1 worksite (see Figure 13-22)	Before commencement of any construction works (including site clearance) • To conduct six (6) months of continuous airborne noise monitoring at this location, for establishment of latest baseline. During Construction Phase • Continuous monitoring at this location for the entire duration of construction.		
					Six (6) locations at Windsor boundary, in tandem with biodiversity camera traps and	Before commencement of any construction works (including site clearance) • To conduct six (6) months of continuous airborne noise monitoring at each proposed		

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
		minimum respite period of one hour between each block, if possible; • Periodic noise monitoring by an independent third party, to establish compliance with requirements and to advise on equipment causing concern, and additional potential mitigation measures; • Plan the layout of the site by considering using materials and other large structural equipment as noise barriers; • Plant known to emit noise strongly in one direction shall, wherever possible, be orientated so that the noise is directed away from the nearby NSRs; and • Material stockpiles and other structures shall be effectively utilised, wherever practicable, in screening noise from on-site construction activities. • Acoustic sheds should be provided at the locations of the noise generating activity such as operation of hand-held breaker. • All construction works should be conducted within the daytime period. TBM works are to be conducted in the daytime as much as possible. • During high-noise events such as rock breaking and excavation, ecologists are to be onsite for at least the first seven rock breaking and excavation events and during the test runs in anticipation for fauna response (e.g., flee response behaviour). The ecologist is to monitor for any fauna behaviour (e.g., dashing onto road) resulting in roadkill incidents for at least 30 minutes after each rock breaking and excavation event. In addition, during rock breaking and excavation events, there shall be ecologists present to observe fauna movements, and the appointed Contractor should take note to restrict the entry of visitors into the trails of Windsor.	• 12 high noise barrier surrounding CR13 retrieval shaft worksite; and • LTA's standard Full TBM enclosure of 15m high at boundary of A1-W2 launch shaft. ADDITIONAL MITIGATION MEASURES • The optimisation of worksite to be situated away from Windsor and Eng Neo Avenue Forest as far as practicable. • For the A1-W1 worksite in Windsor as well as A1-W2 worksite and its temporary road works at Sites I and II near Eng Neo Avenue Forest, above-ground construction works which are not critical for safety reasons shall only be allowed from Mondays to Saturdays (i.e. avoiding works on Sunday and Public holidays) from 7am to 7pm. However, noisy activities (e.g. piling, excavation) shall only be allowed from 9am to 5pm. • It is to be noted that the temporary access road work associated with the A1-W2 worksite were not modelled under this assessment. Since the construction footprint is very close to the ecological receptors at Site I and Site II, predicted noise level is expected to be up to 22 dB(A) exceedance than criteria and major impact significance. Therefore, during the road work construction, temporary noise barrier will need to be applied and no night works after 7pm for all non-safety critical activities since the site is next to the Biodiversity Study Area. If there are any complaints regarding the noise impact arising from the Project worksites, PRO shall engage with ECO to resolve this issue. • For noisy machinery such as the Secant Pile Auger - that typically operate for long period, the sound proof baffles can be mounted directly on the machine around the engine cowling. • It is to be noted that sound power level of utility diversion works along Island Club Road at A1-W1 worksite are much lower than worst-case and which is not model in under this assessment. If there are any complaints regarding the noise impact arising from the Project worksites, the PRO shall engage with ECO to resolve this issue.		vibration monitors (see Figure 13-22)	location, for establishment of latest baseline. During Construction Phase • Continuous monitoring at each proposed location in blocks of three (3) months during these construction stages: (i) Site Clearance stage; (ii) Rock Breaking and Excavation stage; (iii) Piling stage; and (iv) Tunnel Boring stage.		
					For all monitoring locations	• Records on noise levels from construction sites should be properly kept and produced when requested. • Routine environmental audit by independent EMMP Consultant during construction phase.		
Ground-borne Vibration	Ground-borne vibration from construction machines and equipment (e.g. vibratory roller, hydraulic hammer/rock breaker, jackhammer), rock breaking and	• Equipment Selection and Maintenance. Associated with the rotary piling during the construction of the viaducts, facility buildings, cut and cover tunnel, at-grade ramp, plus the operation of the TBM. • Works Scheduling and Respite Periods. • Community Consultation. It is recommended that the surrounding community be notified before commencing any piling and TBM related works, as a matter of good community relations. • During rock breaking and excavation events, there shall be ecologists present to observe	• Optimise the worksite for the smallest footprint within this area in the vicinity of CCNR • Schedule rock breaking and excavation activities during the daytime. • Restrict rock breaking to below vibration threshold of PPV, 8.00 mm/s. • Use of tri-axle trucks to reduce truck trips on the road. • Substitute rotary bore piling with secant bore piling to avoid works at night unless critical safety works are needed to be carried out.	PPV, mm/s	One (1) monitoring location at Eng Neo Avenue Forest boundary and closest to A1-W2 worksite (see Figure 13-23)	Before commencement of any construction works (including site clearance) • Continuous monitoring for at least six (6) months before any construction work is commenced. • This monitoring period is extendable if required by LTA and/or relevant authorities if the results of the first set are inconclusive.	CT, EM/ECO	Investigation and corrective actions to be taken when: 1. The monitoring program log documentation is found inadequate/missing. 2. If the monitored parameters exceed applicable limits.

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
	excavation and tunnel boring machines.	fauna movements, and the appointed Contractor should take note to restrict the entry of visitors into the trails of Windsor.	• Prepare a vibration monitoring plan with the fauna, noise, and light specialist and obtain Authority's approval. • If there are justified complaints from the construction works, particularly from the rock breaking and excavation works, piling works, tunnel boring and bulldozer, the operation may need to mitigate vibration to the most practical levels. • Erect a temporary barrier (e.g. water-filled barrier) on both sides of Island Club Road (total length 500m, i.e. 250 m on each side) when rock breaking and excavation occurs. • During rock breaking and excavation, supervision of the construction activity shall be required. • The trails of Windsor shall be cordoned off to visitors during rock breaking and excavation events.			During Specific Stages in Construction Phase • Continuous monitoring at each proposed location for at least 1 week during these construction stages: i) Site Clearance stage; (ii) Rock Breaking and Excavation stage; (iii) Piling stage; and (iv) Tunnel Boring stage.		3. If complaints are received due to Project activities. 4. If visual non-compliance to any of the minimum control or mitigation measures is observed on-site.
					One (1) monitoring location each at Site I and II of the Forested Area Adjacent to Fairways Quarters (see Figure 13-23)	Before commencement of any construction works (including site clearance) • Continuous monitoring for at least six (6) months before any construction work is commenced. • This monitoring period is extendable if required by LTA and/or relevant authorities if the results of the first set are inconclusive. During Specific Stages in Construction Phase • Continuous monitoring at each proposed location for at least 1 week during these construction stages: i) Site Clearance stage; (ii) Rock Breaking and Excavation stage; (iii) Vibratory Compacting and Piling stage; and (iv) Tunnel Boring stage.		
					Eight (8) vibration (Triaxial with 3G remote communication) monitoring locations within Windsor (see Figure 13-23)	Before commencement of any construction works (including site clearance) Continuous monitoring for 6 months before the commencement of any construction works. •		
					One (1) out of 8 vibration (Triaxial with 3G remote communication) monitoring locations near A1-W1 worksite (see Figure 13-23)	Throughout Construction Phase • Continuous vibration monitoring at one (1) location (along with a continuous noise monitoring programme). During Specific Stages in Construction Phase • As part of the additional faunistic survey programme (see Section 13.6.1.3),		

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
						biodiversity camera trap and light monitor shall be placed at this location during specific stages in the construction phase to correlate camera trap sightings with vibration readings.		
					Seven (7) out of 8 vibration (Triaxial with 3G remote communication) monitoring locations within Windsor (see Figure 13-23)	During Specific Stages in Construction Phase • Continuous monitoring at seven (7) proposed locations for at least in blocks of 3 months during these construction stages: (i) Site Clearance stage; (ii) Rock Breaking and Excavation stage; (iii) Piling stage; and (iv) Tunnel Boring stage. • Among these 7 locations, 6 vibration monitors shall be placed in tandem with biodiversity camera traps to correlate camera trap sightings with vibration readings generated in the heat/contour map. In contrast, 1 vibration monitor (without a camera trap) shall be placed at the immediate eastern boundary of the A1-W1 worksite to monitor the vibration levels to be within PPV, 8.00 mm/s. • This monitoring period is extendable if required by LTA and/or relevant authorities if the results of the first set are inconclusive.		
					For all monitoring locations	• Monitor vibration levels during rock breaking and excavation stage as part of the burrow collapse monitoring programme as detailed in Section 13.6.1.3. • In the event of a valid complaint, until the complaint has been resolved. • Routine environmental audit by independent EMMP Consultant during the construction phase.		

13.13.2 Commissioning Phase

The EMMP for commissioning phase of the Project is summarised in the following table. The key minimum control measures and key mitigation measures from the operational phase (see Table 13-15) are generally applicable where relevant.

Table 13-14 Proposed Environmental Monitoring and Management Plan for the Commissioning Phase

Environmental Parameter	Monitoring Parameter	Monitoring Locations	Recommended Frequency of Monitoring	Site Responsibility	Triggers[12,13]
Biodiversity	Flora and Arboriculture	• Softscape of operational boundary. Conduct flora surveys in adjacent forest to development boundary.	Monthly for duration of at least 6 months	CT, Floral Specialist, Arborist	NA
	Fauna	• Conduct fauna surveys in adjacent forest to development boundary. • Conduct ground-borne vibration and airborne noise monitoring to monitor the behaviour of fauna to impacts in tandem with biodiversity camera traps for fauna monitoring (refer to details of noise and vibration monitoring as part of the additional faunistic survey programme in Section 13.6.1.3)		CT, Ecologist	NA
Hydrology and Surface Water Quality	All parameters identified in Table 13-5. And any flooding issues should be recorded and inspected.	At the main outlets/drains of the Project site, as well as the sensitive streams in the vicinity of proposed Project (i.e. D/S13 and D/S16) during the first three (3) months of commissioning phase	Monthly inspection for the water quality and hydrology, especially during heavy storm event for hydrological conditions during first three (3) months of commissioning phase	CT, EM/ECO	Investigation and corrective actions to be taken, when: • If the monitored parameters of all discharge points exceed applicable values of NEA Trade Effluent Discharge Limits at discharge point (refer to Table 8-2); • If the monitored parameters of natural streams exceed applicable values of Water Quality Criteria for Aquatic Life at natural stream (refer to Table 8-2); • If any flooding issues observed; • If complaints are received due to Project activities; and • If visual non-compliance to any of the minimum control or mitigation measures are observed on-site.
Soil and Groundwater	• Records on waste generated and hazardous chemicals used at the Project site should be properly kept and records produced when requested.	• At locations where toxic chemical waste are generated and store. • At locations where hazardous chemicals/substances are used and stored.	• Monitoring records of the amount and type of toxic chemical waste generated during first three (3) months of the commissioning phase • Inspection of hazardous chemical/substances storage conditions during first three (3) months of the commissioning phase	CT, EM/ECO	Investigation and corrective actions to be taken, when: • There are no/poor records of toxic chemical waste amount and type; and • There is evidence of poor handling/storage of toxic chemical waste and hazardous chemical.
Airborne Noise	Leq 5min and Leq 1 hour	• Seven (7) noise monitoring locations at boundary of Windsor, in tandem with biodiversity camera traps and/or ground-borne vibration monitoring locations (see Figure 13-22)	• Continuous monitoring for six (6) months of the commissioning phase, in tandem with biodiversity camera trap and/or ground-borne vibration monitoring programme	CT, EM/ECO	Investigation and corrective actions to be taken, when: • If complaints are received due to Project activities. • If visual non-compliance to any of the minimum control or mitigation measures are observed on-site.
	Leq15 min	• Two (2) noise monitoring locations at north and south of the circular boundary of FB4 (facility building at A1-W1) (see Figure 13-22)	• Continuous monitoring for one (1) day (24 hours) within the commissioning phase, as per *NEA's Technical Guideline on Boundary Noise Limits for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Building*		
Ground-borne Vibration	PPV, mm/s	• Seven (7) vibration monitoring locations at Windsor, in tandem with biodiversity camera traps and one (1) location at the edge of A1-W1 to monitor the PPV within 8.00 mm/s (see Figure 13-23)	• Continuous monitoring for at least the six (6) months of the commissioning phase in tandem with biodiversity and noise monitoring teams • Vibration monitoring is extendable to a further six (6) months if required by the LTA and/or relevant authorities if the results of the first set are inconclusive	CT, EM/ECO	If complaints are received due to Project activities, investigation and corrective actions are taken. Ecologists would be asked to evaluate and provide feedback if there are impacts on fauna.

13.13.3 Operational Phase

A contract-specific EMMP is not required for operational phase. General housekeeping, environmental management and/or EHS measures as included as part of the minimum control measures and key mitigation measures proposed in this report and shall be implemented by the Rail Operator and other relevant personnel (refer to roles and responsibility in Section 13.5) during operational phase. The summary of key minimum control measures and key mitigation measures for operational phase are highlighted in table below.

Table 13-15 Summary of Key Minimum Control Measures and Mitigation Measures to Be Implemented during Operational Phase

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Responsibility
Biodiversity	Minimisation of operational impacts to flora/vegetation	• The maintenance of the system should happen during engineering (0100h to 0400h) and non-engineering hours (operational hours of train line, 0600h to 2300h). • As much as possible, systems that are crucial to daily operational basis will be carried out during non-engineering hours, while electrical services and signalling will be done during engineering hours except at the unlikely event of urgent work required due to failure in mainline.	• Identify of areas that are responding poorly due to operational activities • Areas not used should be returned to earth ground and replanted if possible. Planting scheme should be as similar to forest composition to adjacent forest, if not as native as possible. Other than minimising edge effects, it can serve as a natural barrier to light, noise and dust to reduce disturbance. As a general guide, 400 trees should be replanted for every hectare to be reinstated. • Ensure that post-construction planting is responding well to development surrounding	Rail Operator
			• Ensure integrity of adjacent forest (if any) • Identify signs of edge effects on new forest edge of adjacent forest (if any)	
	Minimisation of operational impacts to fauna		• Assessment of habitat quality (e.g., water quality, excessive vegetation removal) • Inspection for presence of trapped/injured/dead fauna, potential fauna entrapments and gaps in site hoarding • Recording of number of number of occurrences of human-wildlife conflict • Conduct biodiversity survey to monitor construction impacts on fauna activity and presence	Rail Operator
Hydrology and Surface Water Quality	Stormwater runoff generation	1. Stormwater Quality: • Adequate drainage, piping and/or channelling of stormwater runoff to be assured through detailed design [such as Active, Beautiful, Clean Water (ABC) Water Design approach] for capture and treatment before discharge into watercourses; • Regular and dedicated procedures for the inspection and maintenance of stormwater collection, storage, and treatment infrastructure, such as pipes, oil water separation, silt screens, etc.; and • Regular and dedicated procedures for the management of stormwater collection, settling, testing and eventual discharge of 'clean' water to watercourses. 2. Hydrology: • Potential increase of peak-flow due to the change in the land use at the new developments can be mitigated by providing detention tanks within the Study Area. Detention tanks can capture stormwater during heavy storm events to reduce the peak runoff. Stored water can then be discharged back to the system after the storm event. As required by PUB, the storage system needs to be in place to reduce the peak flow at the operational phase to be the same or less than that of the existing condition; • Active, Beautiful, Clean Water (ABC) Water Design approach can be considered to reduce the peak-flow as well; and • Geotechnical aspect of the site's slope stability (such as ERSS) shall be included in detailed design engineering for the operational stage.	Shift A1-W2 facility building out from Eng Neo Avenue Forest	Rail Operator/ EHS Officer
Soil and Groundwater	Generation of small quantities of toxic chemical waste (used fluorescent bulbs, used lead-batteries, used maintenance chemical containers i.e. thinner, paints, lubricants, etc.)	• Store all toxic chemical waste at designated sheltered area provided with access-controlled entrance and concrete bund walls or in storage containers with good ventilation. Spill trays shall be provided for all chemical drums, plants and machinery and potential pollutive substances used on site. Spill trays shall be regularly maintained to prevent rain from washing out the pollutive substances. • Dispose all toxic waste chemicals off-site to licensed TIW collectors for treatment.	Not Applicable	Rail Operator/ EHS Officer

Environmental Parameter	Environmental Issue	Minimum Control Measures	Mitigation Measures	Responsibility
	Improper handling of hazardous chemical/ substances	• Store all hazardous substances/chemicals at designated sheltered area provided with access-controlled entrance and concrete bund walls or in storage containers with good ventilation. Spill trays shall be provided for all chemical drums, plants and machinery and potential pollutive substances used on site. Spill trays shall be regularly maintained to prevent rain from washing out the pollutive substances. • Ensure that all hazardous chemicals/substances are labelled its movement is recorded and returned to the designated storage areas when not in use. • Ensure all activities including repair, servicing, engine overhaul works, etc. involving the use of hazardous chemicals/substances are carried out on an area which is appropriately contained (e.g. concreted area and with proper containment/sumps). • Provide emergency spill kits on site in the event of any chemical spillages. The emergency response team shall also be competent in the use of these spill kits. • Ensure no trade effluent other than that of a nature or type approved by NEA Director-General are discharged into any watercourse or land.		
Airborne Noise	Noise from facility building operation	**Minimum controls for ACMV noise:** Minimum controls should be applied at the detailed design stage of the development by the appointed M&E consultants. An appointed Noise consultant should validate the noise in accordance with NEA's Technical Guideline on Boundary Noise Limits for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Building. • Use low air-conditioning and mechanical ventilation system equipment; • Ensure that any exhaust outlet or intake from the mechanical ventilation system is designed to be adequately set back as far as possible from the boundary line of the development; • Acoustic treatment for equipment to meet noise level limit at site boundary where necessary; • AC system to be designed with the AHU units placed at appropriate locations as set back from the boundary line of the development as possible; and • Acoustic enclosures for outdoor equipment. **Minimum controls for traffic noise:** Due to the lack of information at this juncture of reporting, assessment, minimum controls and mitigation will be provided by the appointed Noise Consultant during the prelim design stage and in accordance with Technical Guideline for Land Traffic Noise Impact Assessment [R-53]	• Noise attenuators and other BAT and BEP noise control measures shall be utilised • Traffic noise at the drop-off points and parking areas shall be mitigated with low speed postings, humps and signage	Rail Operator/ EHS Officer
Ground-borne Vibration	Ground-borne Vibration from the operation of trains	• Train, track and tunnel design • Maintenance of vertical track alignment at the relevant longitudinal wavelengths • Maintenance of roughness of the railhead and wheel thread at the relevant longitudinal and circumferential wavelengths, respectively. • Maintenance of resilient elements in track construction, e.g. rail pads • Maintenance of rail joints, switches and crossings.	• General maintenance of the railway track and minimising of wheel defects.	Rail Operator

14. Conclusion

In conclusion, the summary of unmitigated impact significance and potential residual impact significance of the assessed environmental aspects for both construction and operational phases are presented in the following tables. The recommended Environmental Monitoring and Management Program (EMMP) measures are summarised in Section 13.13.

The assessment findings of this report demonstrated that the design optimisation measures, which are the mitigated scenarios for A1-W1 and A1-W2 worksites with optimised construction footprint, can minimise environmental impacts to the Biodiversity Study Area (i.e. Sites I and II, Eng Neo Avenue Forest, Windsor) as well as to the nearby human receptors.

Table 14-1 Summary of Potential Residual Impact Significance during Construction Phase

Sensitive Receptor	Environmental Parameter	Impact Significance with Minimum Controls[5]	Residual Impact Significance with Mitigation Measures (if required)
Eng Neo Avenue Forest	Biodiversity	Minor to Major	Negligible
	Hydrology and Surface Water Quality	Moderate to Major	Negligible
	Soil and Groundwater	Minor	Minor
	Air Quality	Moderate to Major	Minor
	Airborne Noise	Major	Minor
	Ground-borne Vibration	Minor to Major	Minor to Moderate[4]
Site I and Site II	Biodiversity	Negligible to Major	Minor to Major[1]
	Hydrology and Surface Water Quality	Negligible	Negligible to Moderate[2]
	Soil and Groundwater	Minor	Minor
	Air Quality	Negligible	Minor
	Airborne Noise	Negligible to Major	Negligible to Major[3]
	Ground-borne Vibration	Negligible to Moderate	Negligible to Moderate[4]
Windsor	Biodiversity	Major	Moderate to Major[1]
	Hydrology and Surface Water Quality	Minor	Minor
	Soil and Groundwater	Minor	Minor
	Air Quality	Moderate to Major	Minor
	Airborne Noise	Moderate to Major	Minor to Moderate[3]
	Ground-borne Vibration	Minor to Major	Minor to Moderate[4]

Note:

1. Biodiversity: Major impact still exists due to the irreversible loss of vegetation and habitats during site clearance in construction phase (Sites I and II: mortality and impediment to seedling recruitment for two flora species - Alstonia angustiloba and Thyrsostachys siamensis; Windsor: mortality for six flora species - *Bambusa multiplex, Cyrtophyllum fragrans, Ficus benjamina, Glochidion zeylanicum var. zeylanicum, Guioa pubescens, Palaquium obovatum*).
2. Water Quality: Moderate at Site I, as the proposed road will cross existing major drain in Site I, even with diverted drain or culvert, the impact cannot be reduced further mainly due to the immediate presence of drain segment adjacent to the construction site.
3. Noise: due to the surrounding ambient noise levels which are naturally very low, the fact that sensitive receptors are in close proximity, and that noise barriers are unlikely to impede noise that will reach habitat on elevated/undulant terrain, meaning receptors in these locations will still be impacted. Collectively, these therefore mean, that impact significance cannot be reduced further.

Sensitive Receptor	Environmental Parameter	Impact Significance with Minimum Controls[5]	Residual Impact Significance with Mitigation Measures (if required)

4. Vibration: Moderate residual impact on all the Biodiversity Study Areas, although with mitigation measures, is due to construction activities such as pipe jacking, rock breaking and excavation and tunnel boring produce high PPV levels at the studied forested areas. Thus, EMMP measures should be implemented.
5. The initial impact assessment with minimum controls was considered insignificant (Negligible to Minor), no residual impact assessment was undertaken, hence the impact significance remained the same. Note that this does not indicate that impacts are completely eliminated.

Table 14-2 Summary of Potential Residual Impact Significance during Operational Phase

Sensitive Receptor	Environmental Parameter	Impact Significance with Minimum Controls[1]	Residual Impact Significance with Mitigation Measures (if required)
Eng Neo Avenue Forest	Biodiversity	Negligible to Moderate	Negligible
	Hydrology and Surface Water Quality	Moderate	Negligible
	Soil and Groundwater	Minor	Minor
	Air Quality	Minor	Minor
	Airborne Noise	Negligible	Negligible
	Ground-borne Vibration	Minor	Minor
Site I and Site II	Biodiversity	Negligible to Minor	Minor
	Hydrology and Surface Water Quality	Negligible	Negligible
	Soil and Groundwater	Minor	Minor
	Air Quality	Minor	Minor
	Airborne Noise	Negligible	Negligible
	Ground-borne Vibration	Minor	Minor
Windsor	Biodiversity	Moderate	Minor
	Hydrology and Surface Water Quality	Minor	Minor
	Soil and Groundwater	Minor	Minor
	Air Quality	Minor	Minor
	Airborne Noise	Negligible	Negligible
	Ground-borne Vibration	Minor	Minor

Note:

1. The initial impact assessment with minimum controls was considered insignificant (Negligible to Minor), no residual impact assessment was undertaken, hence the impact significance remained the same. Note that this does not indicate that impacts are completely eliminated.

14.1 Way Forward

This EIS Final Report presents the impact assessment on the environmental parameters from the preliminary design stage only, where the assessed worksite areas exclude detailed design elements such as locations of piezometers, utility/ traffic diversion areas, site elements (e.g. workers dormitory, detention tank, site office etc.), utility/ traffic diversion. Shall there be any changes to the design of the Project elements in this report during actual construction phase, the Contractor shall take note of the design exclusions and update the findings of this EIS accordingly.

15. References

15.1 Reports, Legislative Guidelines and Standards

R-1. Land Transport Authority (LTA). Contract C1001 Environmental Impact Assessment on Central Catchment Nature Reserve for the Proposed Cross Island Line (Project No. 0256660) – Final Construction & Operation Environmental Impact Assessment Report (Phase 2). 2 September 2019.

https://www.lta.gov.sg/content/ltagov/en/who_we_are/statistics_and_publications/reports.html#EIA_phase_2_report

R-2. AECOM. Package 1 Environmental Impact Study Inception Report – Rev B [DOC/CR2005/PKG1/EIS/0001/B]. 13 March 2020.

R-3. AECOM. Package 1 Environmental Impact Assessment Final Report [2001/DOC/DES/0048/-]. 5 February 2021.

R-4. ARUP. Historical Land Use Survey for the Advance Engineering Study for Cross Island Line Phase 2 (CRL Phase 2) – CR2001, Interim Report. 6 March 2020.

R-5. ARUP. Historical Land Use Survey for the Advance Engineering Study for Cross Island Line Phase 2 (CRL Phase 2) – CR2001, Interim Report (CR16). 13 March 2020.

R-6. Land Transport Authority (LTA). Engineering Group Civil Design Criteria for Road and Rail Transit Systems (E/GD/09/106/A2). September 2019 Edition.

https://www.lta.gov.sg/content/dam/ltagov/industry_innovations/industry_matters/development_construction_resources/civil_standards/pdf/EGD09106A2_Overall.pdf

R-7. Land Transport Authority (LTA). Engineering Group Materials & Workmanship Specification for Civil & Structural Works (E/GD/09/104/A2). September 2020 Edition.

https://www.lta.gov.sg/content/dam/ltagov/industry_innovations/industry_matters/development_construction_resources/civil_standards/pdf/EGD09104A2-Overall.pdf

R-8. Singapore Standards SS593:2013. Code of Practice for Pollution Control (COPPC). 2013.

R-9. Land Transport Authority (LTA). General Specification – Appendix A Safety, Health and Environment. October 2021.

https://www.lta.gov.sg/content/dam/ltagov/industry_innovations/industry_matters/safety_health_environment/construction_safety_environment/pdf/Safety_Health_and_Environment_GS_Appendix_A_Oct_2021.pdf

R-10. Department for Environment Food and Rural Affairs, 2011, Biodiversity 2020: A strategy for England's wildlife and ecosystem services

R-11. National Parks Board (NParks). Guidelines on Greenery Provision and Tree Conservation for Developments. 2018.

https://www.nparks.gov.sg/-/media/nparks-real-content/partner-us/developers-architects-and-engineers/gdp-handbook-2018-apr-3.pdf

R-12. The Statutes of the Republic of Singapore. Planning Act (Chapter 232) Revised Edition 1998. 15th December 1998.

https://sso.agc.gov.sg/Act/PA1998#pr9-

R-13. The Statutes of the Republic of Singapore. Preservation of Monuments Act (Chapter 239) Revised Edition 2011. 31st December 2011.

https://sso.agc.gov.sg/Act/PMA2009

R-14. Legislation Division of Attorney General's Chambers of Singapore. Environmental Protection and Management Act. 2020

https://sso.agc.gov.sg/Act/EPMA1999

R-15. Ecological Impact Assessment (EcIA). EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems. 2nd Edition. May 2018.

https://www.eianz.org/document/item/4447

R-16. CIEEM (2018). Guidelines for ecological impact assessment in the UK and Ireland: Terrestrial, Freshwater and Coastal. September 2018.

https://cieem.net/wp-content/uploads/2019/02/Combined-EclA-guidelines-2018-compressed.pdf.

R-17. Mitigating Impact from Aquaculture in the Philippines (PHILMINAQ), n.d. Water Quality Criteria and Standards for Freshwater and Marine Aquaculture

http://aquaculture.asia/files/PMNQ%20WQ%20standard%202.pdf

R-18. Public Utilities Board, Singapore (PUB), 2015, Preventing Muddy Waters from the Construction Sites.

https://www.pub.gov.sg/Documents/Circular2015Oct28.pdf

R-19. United Nations Economic Commission for Europe, United Nations (UNECE), 1994, Standard Statistical Classification of Surface Freshwater Quality for the Maintenance of Aquatic Life, New York and Geneva.

R-20. United States Environmental Protection Agency, United States (USEPA), 2017, Water Quality Standards Handbook.

https://www.epa.gov/wqs-tech/water-quality-standards-handbook

R-21. Association of Southern Asian Nations (ASEAN), ASEAN Strategic Plan of Action on Water Resources Management 2005.

https://environment.asean.org/files/ASEAN%20Strategic%20Plan%20of%20Action%20on%20Water%20Resources%20Management.pdf

R-22. Public Utilities Board (PUB). Code of Practice on Surface Water Drainage. 2013.

https://www.pub.gov.sg/Documents/COP_Final.pdf

R-23. Legislation Division of Attorney General's Chambers of Singapore. Sewerage and Drainage Act (Chapter 294). 2001.

https://sso.agc.gov.sg/Act/SDA1999

R-24. Legislation Division of Attorney General's Chambers of Singapore. Sewerage and Drainage (Surface Water Drainage) Regulations. 2007.

https://sso.agc.gov.sg/SL/SDA1999-RG4?DocDate=20070515

R-25. Legislation Division of Attorney General's Chambers of Singapore. Sewerage and Drainage (Trade Effluent) Regulations. 2007.

https://sso.agc.gov.sg/SL/SDA1999-RG5?DocDate=20161003

R-26. Legislation Division of Attorney General's Chambers of Singapore. Environmental Protection and Management (Trade Effluent) Regulations. 2008.

https://sso.agc.gov.sg/SL/EPMA1999-RG5

R-27. Australian and New Zealand Environment and Conservation Council (ANZECC) & Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ). Guidelines for Fresh and Marine Water Quality. 2000.

https://www.waterquality.gov.au/anz-guidelines/resources/previous-guidelines/anzecc-armcanz-2000

R-28. Canadian Council of Ministers of the Environment. Canadian Water Quality Guidelines for the Protection of Aquatic Life. 2007.

http://ceqg-rcqe.ccme.ca/en/index.html#void

R-29. Department of Environment, Malaysia (DOE). National Water Quality Standards for Malaysia. n.d.

https://www.doe.gov.my/wp-content/uploads/2021/11/Standard-Kualiti-Air-Kebangsaan.pdf

R-30. JTC Corporation. Guideline on Environmental Baseline Study. 2019.

https://www.jtc.gov.sg/-/media/project/jtc-cx/corpweb/assets/get-help/guidelines-on-environmental-baseline-study.pdf

R-31. Legislation Division of Attorney General's Chambers of Singapore. Environmental Protection and Management (Hazardous Substances) Regulations. 2008.

https://sso.agc.gov.sg/SL/EPMA1999-RG4#legis

R-32. Legislation Division of Attorney General's Chambers of Singapore. Fire Safety Act. 2013.

https://sso.agc.gov.sg/Acts-Supp/14-2013/Published/20130527?DocDate=20130527

R-33. Legislation Division of Attorney General's Chambers of Singapore. Fire Safety (Petroleum and Flammable Materials) Regulations. 2008.

https://sso.agc.gov.sg/SL/109A-RG7?DocDate=20180329

R-34. Singapore Standards SS532:2007. Code of Practice for the Storage of Flammable Liquids. 2007.

R-35. Legislation Division of Attorney General's Chambers of Singapore. Environmental Public Health Act. 2002.

https://sso.agc.gov.sg/Act/EPHA1987

R-36. Legislation Division of Attorney General's Chambers of Singapore. Environmental Public Health (Toxic Industrial Wastes) Regulations. 2000.

https://sso.agc.gov.sg/SL/EPHA1987-RG11

R-37. Legislation Division of Attorney General's Chambers of Singapore. Environmental Public Health (General Waste Collection) Regulations. 2000.

https://sso.agc.gov.sg/SL/EPHA1987-RG12

R-38. Legislation Division of Attorney General's Chambers of Singapore. Hazardous Waste (Control of Export, Import and Transit) Act. 1998.

https://sso.agc.gov.sg/Act/HWCEITA1997

R-39. United Nations Environment Programme (UNEP). Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal.

https://www.basel.int/Portals/4/Basel%20Convention/docs/text/BaselConventionText-e.pdf

R-40. Singapore Standards SS603:2014. Code of Practice for Hazardous Waste Management. 2014.

R-41. Ministerie van Volkshuisvesting, Ruimtelijke Ordening en Milieubeheer. Target Values, Soil Remediation Intervention Values and Indicative Levels for Serious Contamination. 2020.

http://esdat.net/Environmental%20Standards/Dutch/annexS_I2000Dutch%20Environmental%20Standards.pdf

R-42. National Environment Agency (NEA). Code of Practice for Licensed General Waste Collectors. 2019

https://www.nea.gov.sg/docs/default-source/our-services/waste-management/code-of-practice-for-licensed-gwcs.pdf

R-43. National Environment Agency (NEA). NEA Environmental Protection Division Annual Report (2018).

https://www.nea.gov.sg/docs/default-source/resource/publications/environmental-protection-division-annual-report/epd-report-2018-v4-(compressed).pdf

R-44. Legislation Division of Attorney General's Chambers of Singapore. Environmental Protection and Management (Air Impurities) Regulations (Amendment). 2015.

https://sso.agc.gov.sg/SL/EPMA1999-RG8

R-45. Legislation Division of Attorney General's Chambers of Singapore. Environmental Protection and Management (Off-Road Diesel Engine Emissions) Regulations. 2012.

https://sso.agc.gov.sg/SL/EPMA1999-S299-2012

R-46. Institute of Air Quality Management (IAQM). Guidance on the Assessment of Dust from Demolition and Construction. 2014.

https://iaqm.co.uk/text/guidance/construction-dust-2014.pdf

R-47. Legislation Division of Attorney General's Chambers of Singapore. Environmental Protection and Management (Vehicular Emissions) Regulations. 2008.

https://sso.agc.gov.sg/SL/EPMA1999-RG6

R-48. Department of Statistics, Ministry of Trade & Industry (MTI). Yearbook of Statistics Singapore, 2019.

https://www.singstat.gov.sg/-/media/files/publications/reference/yearbook_2019/yos2019.pdf

R-49. Institute of Air Quality Management (IAQM). A Guide to the Assessment of Air Quality Impacts on Designated Nature Conservation Sites. 2020.

https://iaqm.co.uk/text/guidance/air-quality-impacts-on-nature-sites-2020.pdf

R-50. WHO Regional Office for Europe, Copenhagen, Denmark, 2000. Air Quality Guidelines – Second Edition. Chapter 11 Effects of nitrogen containing air pollutants: critical levels.

https://www.euro.who.int/__data/assets/pdf_file/0005/74732/E71922.pdf#page=244

R-51. Legislation Division of Attorney General's Chambers of Singapore. Environmental Protection and Management (Control of Noise at Construction Sites) Regulations. 2008.

https://sso.agc.gov.sg/SL/EPMA1999-RG2

R-52. National Environment Agency (NEA). Technical Guideline on Boundary Noise Limits for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings. 2018.

https://www.nea.gov.sg/docs/default-source/default-document-library/technical-guideline-on-boundary-noise-limit-for-air-conditioning-and-mechanical-ventilation-systems-in-non-industrial-buildings---feb-2018.pdf

R-53. National Environment Agency (NEA). Technical Guideline for Land Traffic Noise Impact Assessment. 2016.

https://www.nea.gov.sg/docs/default-source/our-services/technical-guidelines-for-noise-impact-assessment-.pdf

R-54. U.S. Department of Transportation and the Federal Railroad Administration (Office of Railroad Development), 2005, High-Speed Ground Transportation Noise and Vibration Impact Assessment, Federal Railroad Administration.

R-55. U.S. Department of Transportation and the Federal Transport Administration, 2006, Transit Noise and Vibration Impact Assessment Guidance Manual, Federal Transit Administration.

R-56. BSI British Standards BS 5228-2:2009. Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration

R-57. Singapore Standards SS602:2014 Code of Practice for Noise Control on Construction and Demolition Sites. 2014.

R-58. BSI British Standards BS 6472-2:2008. Guide to Evaluation of Human Exposure to Vibration in Buildings – Part 2: Blast Induced Vibration

R-59. Environmental Impact Assessment Report for Proposed Water Pipelines from Bukit Kallang to Upper Thomson Road (dated 29 September 2021) being written by Envirosolutions Pte Ltd

R-60. IUCN I (2012) Red List of Threatened Species: Version 2011.2.

R-61. Leicestershire County Council (1994) UK Planning Policy Guidance 9: Nature conservation. Accessed on 19 March 2019.

https://www.leics.gov.uk/ppg09_ nature_conservation_1994.pdf

R-62. National Parks Board (NParks). Conserving Our Biodiversity – Singapore's National Biodiversity Strategy and Action Plan (NBSAP). 2019.

https://www.nparks.gov.sg/-/media/nparks-real-content/biodiversity/national-plan/singapore_2009-nbsap_updated-may-2019_national-targets.pdf

R-63. Legislation Division of Attorney General's Chambers of Singapore. Wildlife Act. 2020.

https://sso.agc.gov.sg/Act/WA1965

R-64. Legislation Division of Attorney General's Chambers of Singapore. Parks and Trees Act. 2006.

https://sso.agc.gov.sg/Act/PTA2005

R-65. Legislation Division of Attorney General's Chambers of Singapore. Parks and Trees Regulations. 2006.

https://sso.agc.gov.sg/SL/PTA2005-RG1

R-66. Legislation Division of Attorney General's Chambers of Singapore. Parks and Trees (Heritage Road and Green Buffers) Order. 2006.

https://sso.agc.gov.sg/SL/PTA2005-OR2?DocDate=20061130&ValidDate=20061130

R-67. Legislation Division of Attorney General's Chambers of Singapore. Parks and Trees (Preservation of Trees) Order. 1998.

https://sso.agc.gov.sg/SL/PTA2005-OR1?DocDate=20171117

R-68. Hong Kong Environmental Protection Department. Environmental Impact Assessment Ordinance - Technical Memorandum. 2011.

https://www.epd.gov.hk/eia/english/legis/index3.html

R-69. National Parks Board (NParks). Biodiversity Impact Assessment (BIA) Guidelines Version 1. 2020.

https://www.nparks.gov.sg/-/media/nparks-real-content/biodiversity/bia-guidelines.pdf?la=en&hash=67BBB6F740AE7CCE941D82B261BB3DAF9CF537B1

R-70. SECS. Contract C1066- Site Investigation Works for LTA Projects. Site Investigation Works from Tuas to Changi (1W92) (Report No. LTA/WSO-GTT-GTT-C1066-0021 [Draft Report] KS19/C1066/WO/0021). 6 May 2021

R-71. SI Works along Island Club Road for Proposed Twin 1800mm Potable Water Pipelines from BKSR to WLWW. Borehole number 8. 5 October 2020.

R-72. SI Works along Island Club Road for Proposed Twin 1800mm Potable Water Pipelines from BKSR to WLWW. Borehole number 7B. 28 September 2020.

R-73. Building and Construction Authority. Building Control Guidelines for Piling Requirements – DIN 4150: Part 3 "Structural vibration in buildings" Guideline on Limit of Vibration

https://www1.bca.gov.sg/docs/default-source/docs-corp-regulatory/building-control/piling_requirements.pdf

R-74. Kwang Sing Engineering Pte Ltd. Contract C1055 Site Investigation Works for LTA Proacts. Site Investigation from Tuas to Changi (1W88). Preliminary borelogs references RC40155, RC40158, RC40159, RC40160, RC40161, RC40157. October 2020.

R-75. Kwang Sing Engineering Pte Ltd. Contract C1066 Site Investigation Works for LTA Projects. Site Investigation from Tuas to Changi (1W54) (Report No. WSO-GTT-GTT-C1066-00004).7 February 2020.

R-76. Soil Investigation Pte Ltd. Contract ER463 Site Investigation Works for LTA Projects. Site Investigation from Tuas to Changi (1W11) (Report no. LTA/WSO-GTT-GTT-ER463-00028 [Final Report]). 27 September 2016.

R-77. Arup Singapore Pte Ltd and Ong & Ong Pte Ltd. Advanced Engineering Study for Contract CR2001. Concept Interpretive Soil Report . 1 June 2020.

R-78. Tritech Engineering & Testing (S) Pte Ltd. SI Work for CCNR (C-1040). Field logs. 2017.

R-79. Kwang Sing Engineering Pte Ltd. Contract 1028 Site Investigation Works for LTA Projects. Site Investigation from Tuas to Changi (1W17) (Report No. WSO-GTT-GTT-C1028-00019). 15 May 2017.

R-80. Kwang Sing Engineering Pte Ltd. Contract 1028 Site Investigation Works for LTA Projects. Site Investigation from Tuas to Changi (1W14) (Report No. WSO-GTT-GTT-C1028-00017). 10 February 2017.

R-81. Kwang Sing Engineering Pte Ltd. Contract 1028 Site Investigation Works for LTA Projects. Site Investigation from Tuas to Changi (1W13) (Report No. WSO-GTT-GTT-C1028-00016). 28 November 2016.

R-82. Sing Engineering Pte Ltd. Contract C1028 Site Investigation Works for LTA Projects. Site Investigation from Tuas to Changi (1W18) (Report No. WSO-GTT-GTT-C1028-000204).14 June 2017.

15.2 Websites

W-1. Land Transport Authority (LTA). Cross Island Line. 2019.

https://www.lta.gov.sg/content/ltagov/en/upcoming_Projects/rail_expansion/cross_island_line.html

W-2. Land Transport Authority (LTA). Cross Island MRT Line to run under nature reserve: 4 reasons behind the decision.

https://www.straitstimes.com/singapore/cross-island-mrt-line-to-run-under-nature-reserve-4-reasons-behind-the-decision

W-3. NParks.Tree Conservation Areas.

https://www.nparks.gov.sg/gardens-parks-and-nature/tree-conservation-areas

W-4. Thomson Line Construction. Bright Hill Diverts. 2016.

https://thomson-line.blogspot.com/2016/06/bright-hill-diverts.html

W-5. Thomson Line Construction. Bright Hill Cast (III). 2018.

https://thomson-line.blogspot.com/search/label/TE07%20-%20Bright%20Hill

W-6. Thomson Line Construction. Package C Renders. 2014.

https://thomson-line.blogspot.com/search/label/TE15%20-%20Great%20World

W-7. Thomson Line Construction. Woodlands South Excavation (III). 2016.

https://thomson-line.blogspot.com/2016/12/woodlands-south-excavation-iii.html

W-8. Thomson Line Construction. Marina South Excavation (II). 2017.

https://thomson-line.blogspot.com/2017/12/facility-building-fit-out.html#more

W-9. Thomson Line Construction. LTA Update (Q4 2019).

https://thomson-line.blogspot.com/2020/02/lta-update-q4-2019.html#more

W-10. Thomson Line Construction. TEL1 Tunnelling Completes. 2017.

https://thomson-line.blogspot.com/2017/06/tel1-tunnelling-completes.html#more

W-11. Ryobi-G. Geotechnical Instrumentation. 2018.

https://www.ryobi-g.com/geotechnical-instrumentation

W-12. Tunnel Business Magazine. Variable Density TBM. 2018.

https://tunnelingonline.com/variable-density-tbm-combining-two-soft-ground-tbm-technologies/

W-13. Crosstown Toronto. 2019.

http://www.thecrosstown.ca/

W-14. Sound Transit. 2019.

https://www.soundtransit.org/

W-15. Geo Harbour. Patent Technologies. 2017.

http://www.geoharbour.com/?c=PatentTechnologies&a=index

W-16. University of California, Davis. Jet Grouting Schematics. 2015.

https://research.engineering.ucdavis.edu/gpa/wp-content/uploads/sites/43/2015/02/Jet-grouting-schematic-2.jpg

W-17. National Environment Agency (NEA). Allowable Limits for Trade Effluent Discharge to Watercourse or Controlled Watercourse, 2008

https://www.nea.gov.sg/our-services/pollution-control/water-quality/allowable-limits-for-trade-effluent-discharge-to-watercourse-or-controlled-watercourse

W-18. National Environment Agency (NEA). Air Quality Targets. 2019.

https://www.nea.gov.sg/our-services/pollution-control/air-pollution/air-quality

W-19. Public Utilities Board, Singapore (PUB), n.d.. Water from Local Catchment.

https://www.pub.gov.sg/watersupply/fournationaltaps/localcatchmentwater

W-20. National Environment Agency (NEA). Air Pollution Regulations Motor Vehicle. 2019.

https://www.nea.gov.sg/our-services/pollution-control/air-pollution/air-pollution-regulations

W-21. International Tunnelling and Underground Space Association (ITA). Tunnelling in Malaysia. 2011.

http://www.wtc2020.my/4/638/tunnelling-in-malaysia/

W-22. The Straits Times. Lentor MRT Worksite. Mar 2, 2018.

https://www.straitstimes.com/singapore/transport/worker-killed-in-lentor-mrt-worksite-accident

W-23. National Environment Agency (NEA). Circulars on Control of Hazardous Wastes and Other Wastes. 2019.

https://www.nea.gov.sg/corporate-functions/resources/legislation-international-law/multilateral-environmental-agreements/chemical-safety/basel-convention/circulars-on-control-of-hazardous-wastes-and-other-wastes

W-24. Public Utilities Board (PUB). Circular on Preventing Muddy Water from the Construction Site. 28 October 2015

https://www.ies.org.sg/Tenant/C0000005/PDF%20File/Registry/CCTV%20Circular%20SIDS.PDF

W-25. Meteorological Service Singapore (MSS). Climate of Singapore

http://www.weather.gov.sg/climate-climate-of-singapore

W-26. Meteorological Service Singapore (MSS). 2021 Climate and Weather: The Year in Review

http://www.weather.gov.sg/wp-content/uploads/2022/01/The-Year-in-Review-2021.pdf

W-27. Meteorological Service Singapore (MSS). Past Climate Trends

http://www.weather.gov.sg/climate-past-climate-trends/

W-28. Meteorological Service Singapore (MSS). Annual Climate Assessment Report 2021

http://www.weather.gov.sg/wp-content/uploads/2022/03/ACAR_2021.pdf

W-29. SMRT Trains Ltd. (SMRT Trains) Homepage.

https://www.smrttrains.com.sg/

W-30. National Environment Agency (NEA). Emergency Response Plan.

https://www.nea.gov.sg/our-services/pollution-control/chemical-safety/emergency-response

W-31. National Environment Agency (NEA). Management of Hazardous Substances.

https://www.nea.gov.sg/our-services/pollution-control/chemical-safety/hazardous-substances/management-of-hazardous-substances

W-32. Workplace Health and Safety (WSH) Council. WSH Guidelines on Management of Hazardous Chemicals Programme. 2011.

https://wshc.sg/files/wshc/upload/infostop/attachments/2018/IS20180617000000426/WSH_Guidelines_MHCP.pdf

W-33. Wikipedia. List of Singapore MRT and LRT rolling stock.

https://en.wikipedia.org/wiki/List_of_Singapore_MRT_and_LRT_rolling_stock#cite_note-40

W-34. Land Transport Authority (LTA). Guidebook for Carrying Out Modification Work to Rapid Transit System (RTS) Stations or Railway by Private Developer. September 2019.

https://www.lta.gov.sg/content/dam/ltagov/industry_innovations/industry_matters/development_construction_resources/Building_Works_Restricted_Activities_in_Railway_Protection_Zone/Codes_of_Practice_

Standards_Specifications_Guides_Forms/Guidebook_for_Carrying_Out_Modification_Work_to_Rapid_Transit_System_(RTS)_Stations_or_Railway_by_Private_Developer_V0.pdf

W-35. Land Transport Authority (LTA). Factsheet: Progress Update on Thomson-East Coast Line Stage 2.

https://www.lta.gov.sg/content/ltagov/en/newsroom/2020/1/news-releases/Factsheet_progress_update_TEL_stage_two.html

W-36. Public Utilities Board (PUB). Requirements for Discharge of Trade Effluent into The Public Sewers.

https://www.pub.gov.sg/Documents/requirements_UW.pdf

W-37. Public Utilities Board (PUB). Trade Effluent Discharge Into Sewers - A Guidebook To Good Practices. Dec 2007.

https://www.pub.gov.sg/Documents/Guidebook_Good_Practices_on_TED_into_Sewers.pdf

W-38. Ministry of Transport Awards Ceremony (MOTAC) 2019/2020. LTA Integration of Cripple Siding with MRT Station.

https://www.motawardsceremony.com/copy-of-caas-virtual-reality-in-air

W-39. Land Transport Guru. Keppel MRT Station. February 2018.

https://landtransportguru.net/keppel-station/

W-40. Land Transport Guru. Mattar MRT Station. February 2018.

https://landtransportguru.net/mattar-station/

W-41. National Environment Agency. Air Pollution FAQs. February 2020.

https://www.nea.gov.sg/our-services/pollution-control/air-pollution/faqs

W-42. Meteorological Service Singapore. Historical Daily Record.

http://www.weather.gov.sg/climate-historical-daily/

W-43. National Environment Agency (NEA). Resources – Historical PSI Readings.

https://www.haze.gov.sg/resources/historical-readings

W-44. Government of Singapore. Pollutant Standards Index (PSI) Dataset.

https://data.gov.sg/dataset/psi

W-45. Government of Singapore. Questions on the Cross Island Line.

https://www.gov.sg/article/questions-on-the-cross-island-line

W-46. Noise Effect on Wildlife, US Department of Transportation Federal Highway Administration. Retrieved on 5th May 2020.

https://www.fhwa.dot.gov/ENVIRONMENT/noise/noise_effect_on_wildlife/effects/wild04.cfm

W-47. Lin, E. (2011, October 28). Spider is the second most vibration-sensitive creature. Retrieved from PHYS.ORG.

https://phys.org/news/2011-10-spider-vibration-sensitive-creature.html

W-48. National Environment Agency. 2 June 2020. Environmental Control Officers.

https://www.nea.gov.sg/our-services/pest-control/environmental-control-officers

W-49. Land Transport Authority (LTA). 6 June 2020. New Rail Financing Framework (NREF).

https://www.lta.gov.sg/content/ltagov/en/who_we_are/our_work/public_transport_system/rail/new_rail_financing_framework.html

W-50. USEPA (n.d.) Fresh, Brackish or Saline Water for Hydraulic Fracs: What are the Options?

https://www.epa.gov/sites/production/files/documents/02_Godsey_-_Source_Options_508.pdf

W-51. Urban Redevelopment Authority (URA). July 2019. Conservation Technical Handbook, Volume 4.

https://www.ura.gov.sg/-/media/Corporate/Guidelines/Conservation/Best-Practices/Volume-4-Structure.pdf?la=en

W-52. Kwang Sing Engineering Pte Ltd. Driven Micropile and Bored Micropile System.
https://www.kwangsing.com.sg/pages.php?title=driven-micropile-and-bored-micropile-system

W-53. U&M Group. What Are the Main Types of Piling?
https://www.underpin.com/news/main-types-piling

W-54. Wikipedia. Concrete Plant.
https://en.wikipedia.org/wiki/Concrete_plant

W-55. Kaushik Engineering Works. A Comprehensive Guide to Concrete Batching Plant.
https://www.kaushikengineeringworks.com/comprehensive-guide-concrete-batching-plant/

W-56. Air Pollution Information System. NOx: Lichens (general). August 2011.
http://www.apis.ac.uk/node/1071

W-57. DieselNet. EU Emission Standards. April 2019.
https://dieselnet.com/standards/eu/ld.php

W-58. International Tunnelling and Underground Space Association. Slurry Shield.
https://tunnel.ita-aites.org/en/how-to-go-undergound/construction-methods/mechanized-tunnelling/slurry-shield

W-59. Word Press. Systemic Failure – One bore or two. December 2017.
https://systemicfailure.wordpress.com/2017/12/07/one-bore-or-two/

W-60. Avanta Global. EHS Oursourcing. 2019.
https://avanta.com.sg/ehs-outsourcing/

W-61. National Heritage Board. About Us. 30th June 2020.
https://www.nhb.gov.sg/who-we-are/about-us

W-62. NParks. Celebrating Biodiversity and Heritage of our Rail Corridor (Central).
https://www.nparks.gov.sg/railcorridor/rail-corridor

W-63. Singapore Infopedia. Bukit Timah Railway Station.
https://eresources.nlb.gov.sg/infopedia/articles/SIP_2013-11-18_115736.html

W-64. Wikipedia. Bukit Timah Railway Station. 12 June 2020.
https://en.wikipedia.org/wiki/Bukit_Timah_railway_station

W-65. Neo Chai Chin. Iconic Steel Bridges Along Rail Corridor up for Conservation. 10 November 2015.
https://www.todayonline.com/singapore/iconic-steel-bridges-along-rail-corridor-be-gazetted-conservation

W-66. URA. Annex E – Information on the Steel Truss Bridges.
https://www.ilightsingapore.gov.sg/-/media/User%20Defined/URA%20Online/media-room/2015/nov/pr15-53e.pdf?la=en

W-67. URA. Kiew Lee Tong Temple.
https://www.ura.gov.sg/Conservation-Portal/Resources/Articles?bldgid=KLTTP

W-68. URA. Looking at Heritage Buildings. 2015.
https://www.ura.gov.sg/-/media/User%20Defined/URA%20Online/publications/research-resources/books-videos/Looking%20at%20Heritage%20Buildings.pdf

W-69. The Constructor. Underpinning Methods, Procedure and Applications in Foundation Strengthening.
https://theconstructor.org/building/underpinning-methods-procedure-applications/14480/

W-70. Urban Redevelopment Authority (URA). July 2019. Conservation Technical Handbook, Volume 4.

https://www.ura.gov.sg/-/media/Corporate/Guidelines/Conservation/Best-Practices/Volume-4-Structure.pdf?la=en

W-71. Kwang Sing Engineering Pte Ltd. Driven Micropile and Bored Micropile System.

https://www.kwangsing.com.sg/pages.php?title=driven-micropile-and-bored-micropile-system

W-72. U&M Group. What Are the Main Types of Piling?

https://www.underpin.com/news/main-types-piling

W-73. Solid waste management – Total domestic waste disposed per capita

https://data.gov.sg/dataset/solid-waste-management-total-domestic-waste-disposed-per-capita

W-74. Constro Facilitator. Trenchless Technology: An overview of the Methods. January 21, 2020.

https://www.constrofacilitator.com/trenchless-technology-an-overview-of-the-methods/

W-75. Land Transport Authority Annual Report 2017/18. Smart Transport: Future of Our Commute.

https://www.lta.gov.sg/content/dam/ltagov/who_we_are/statistics_and_publications/report/pdf/LTA_AR17_18_FA.pdf

W-76. The Constructor. Trenchless Construction Method.

https://theconstructor.org/construction/trenchless-construction-methods/15290/

W-77. Southeast Asia Construction. Singapore DTSS Phase 2 Starts Tunnelling Works. 5 April 2019.

https://www.tradelinkmedia.biz/publications/7/news/1558

W-78. Kern Tunneltechnik SA Secondary Lining Tunnel Systems. TBM Gantry.

http://www.kern-tunneltechnik.com/en/prodotto/12/tbm-gantry

W-79. National Archives of Singapore. Geological Map of Singapore 1851.

https://www.nas.gov.sg/archivesonline/maps_building_plans/record-details/32312c79-035e-11e9-9481-001a4a5ba61b

W-80. Land Transport Authority (LTA). Construction Safety Handbook. 2019.

https://www.lta.gov.sg/content/dam/ltagov/industry_innovations/industry_matters/safety_health_environment/construction_safety_environment/pdf/LTA_Construction_Safety_Handbook_2019_rv.pdf

W-81. Rail System Net. Secant Pile Wall Construction.

http://www.railsystem.net/secant-pile-walls/

W-82. The Royal Society. Home Ranges, Habitat and Body Mass: Simple Correlates of Home Range Size in Ungulates. 28 December 2016.

https://royalsocietypublishing.org/doi/10.1098/rspb.2016.1234

W-83. Journal of Mammalogy. What is Home Range? 14 September 2012.

https://academic.oup.com/jmammal/article/93/4/948/967434

W-84. Britannica. Aggregation and Individual Protection .

https://www.britannica.com/topic/animal-social-behaviour/Aggregation-and-individual-protection#ref1045525

W-85. Merriam-Webster. Definition of Home Range.

https://www.merriam-webster.com/dictionary/home%20range

W-86. Social system of the lesser mouse-deer (Tragulus javanicus). December 2006

https://www.researchgate.net/publication/232667519

W-87. Home range of a wild pangolin. 4 January 2014

https://sundapangolin.wordpress.com/2014/01/04/home-range-of-a-wild-pangolin/

W-88. The mind behind anthropomorphic thinking: attribution of mental states to other species. November 2015

https://www.researchgate.net/publication/281979471_The_mind_behind_anthropomorphic_thinking_Attribution_of_mental_states_to_other_species

W-89. Snake Bioacoustics: Toward a Richer Understanding of the Behavioral Ecology of Snakes. September 2003

https://www.jstor.org/stable/10.1086/377052

W-90. Two Case Histories of Blast- & Traffic-Induced Vibrations on the Stability of Burrows of Endangered Sensitive Ground Dwelling Animals. 16 April 2014.

https://scholarsmine.mst.edu/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=2443&context=icchge

W-91. Singapore Blue Tarantula: Omothymus / Lampropelma Violaceopes." The Tarantula Collective.

https://www.thetarantulacollective.com/.

W-92. Attenuation of rock blasting induced ground vibration in rock-soil interface. 24 December 2018.

https://doi.org/10.1016/j.jrmge.2018.12.009

W-93. Comparative Vibration Levels Perceived Among Species in a Laboratory Animal Facility. September 2011.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3189668/

W-94. Land Transport Authority (LTA). Road Tunnel Operations & Safety.

https://www.lta.gov.sg/content/ltagov/en/getting_around/driving_in_singapore/road_tunnel_operations_safety.html

W-95. National Parks Board (NParks). Heritage Tree.

https://www.nparks.gov.sg/gardens-parks-and-nature/heritage-trees

W-96. The Constructor. New Austrian Tunnelling Method.

https://theconstructor.org/geotechnical/new-austrian-tunneling-method/63500/

W-97. Trenchlesspedia. Sequential Excavation Method (SEM)

https://www.trenchlesspedia.com/definition/3217/sequential-excavation-method-sem#:~:text=The%20sequential%20excavation%20method%20(SEM,this%20method%20originated%20in%20Austria.

W-98. Wikipedia. New Austrian Tunnelling Method (NATM).

https://en.wikipedia.org/wiki/New_Austrian_tunnelling_method#:~:text=The%20New%20Austrian%20tunneling%20method,type%20of%20rock%20encountered%20as

W-99. Central Japan Railway. The New Austrian Tunnelling Method (NATM).

https://www.youtube.com/watch?v=ppjfyV2F_N8

W-100. Building and Construction Authority (BCA). Requirements on piling plan submission.

https://www1.bca.gov.sg/docs/default-source/docs-corp-regulatory/building-control/piling_requirements.pdf

15.3 Publications

P-1. Baker N and Lim KKP (2012) Wild Animals of Singapore: A Photographic Guide to Mammals, Reptiles, Amphibians and Freshwater Fishes (2nd edition). Draco Pub and Distribution, Singapore.

P-2. Boo CM (1996) A Study of Secondary Forest in Singapore. Unpublished Honours thesis, Department of Botany, National University of Singapore.

P-3. Chao A. (1987). Estimating the population size for capture-recapture data with unequal catchability. Biometrics, 43: 783–791.

P-4. Chao A. & Jost L. (2012). Coverage‐based rarefaction and extrapolation: standardizing samples by completeness rather than size. Ecology, 93(12): 2533–2547.

P-5. Chatterjea K (2014) Edge effects and exterior influences on Bukit Timah Forest, Singapore, European Journal of Geography, 5(1), 8-31.

P-6. Chave J., Coomes D., Jansen S., Lewis S. L., Swenson N. G. & Zanne A.E. (2009) Towards a worldwide wood economics spectrum. Ecology Letters, 12: 351–366.

P-7. Chave, Jérôme & Réjou-Méchain, Maxime & Burquez, Alberto & Chidumayo, Emmanuel & Colgan, Matthew & Delitti, Welington & Duque, Alvaro & Eid, Tron & Fearnside, Philip & Goodman, Rosa & Henry, Matieu & Martinez-Yrizar, Angelina & Mugasha, Wilson & Muller-Landau, Helene & Mencuccini, Maurizio & Nelson, Bruce & Ngomanda, Alfred & Nogueira, Euler & Ortiz, Edgar & Vieilledent, Ghislain (2014) Improved allometric models to estimate the aboveground biomass of tropical trees. Global Change Biology, 20: 3177–3190.

P-8. Chiu C. H., Wang Y. T., Walther B. A. & Chao A. (2014). An improved nonparametric lower bound of species richness via a modified Good-Turing frequency formula. Biometrics, 70: 671–682.

P-9. Chong KY, Tan HT, & Corlett RT (2009) A checklist of the total vascular plant flora of Singapore: native, naturalised and cultivated species. Raffles Museum of Biodiversity Research, Singapore.

P-10. Chave J, Cairns MA, Andalo C, Brown S, Chambers JQ, Eamus D, Fölster H, Fromard F, Higuchi N, Kira T, Lescure J-P, Nelson BW, Ogawa H, Puig H, Riéra B and Yamakura T (2005) Tree allometry and improved estimation of carbon stocks and balance in tropical forests. Oecologia 145: 87–99.

P-11. Chen J, Franklin JF and Spies TA (1993) Contrasting microclimates among clearcut, edge, and interior of old growth Douglas-fir forest. Agricultural and Forest Meteorology 63, 219-237.

P-12. Chen J, Franklin JF and Spies TA (1995) Growing season microclimatic gradients from clearcut edges into old growth Douglas-fir forest. Ecological Applications 5, 74-86.

P-13. Chua MAH (2016) Mandai Safari Park biodiversity survey camera trapping final report. Mandai Park Holdings Environmental Impact Assessment.

P-14. Chua SC, Ramage BS, Ngo KM, Potts MD, & Lum SK (2013) Slow recovery of a secondary tropical forest in Southeast Asia. Forest Ecology and Management, 308:153-160.

P-15. Clarke K & Ainsworth M (1993) A method of linking multivariate community structure to environmental variables. Marine Ecology Progress Series, 92:205–219.

P-16. Colwell R.K. & Coddington J.A. (1994). Estimating terrestrial biodiversity through extrapolation. Phil. Trans. Roy. Soc. London, 345: 101–118.

P-17. Colwell RK, Mao CX and Chang J (2004) Interpolating, extrapolating, and comparing incidence‐based species accumulation curves. Ecology, 85(10): 2717–2727.

P-18. Corlett RT (1995) Flowering plants at Bukit Timah. The Gardens' Bulletin Singapore, (supp. 3), 25.

P-19. Davis-Colley RJ, Payne GW and van Elswijk M (2000) Microclomate gradients across a forest edge, New Zealand Journal of Ecology, 24(2), 111-1121.

P-20. Davison GWH, Ng PKL & Ho HC (2008) The Singapore Red Data Book: Threatened Plants and Animals of Singapore. 2nd edition. Nature Society (Singapore), Singapore.

P-21. Eggleston HS, Buendia L, Miwa K, Ngara T and Tanabe K (2006) IPCC Guidelines for National Greenhouse Gas Inventories Volume - IV Agriculture, Forestry and other land-use. Institute of Global Environmental Strategies (IGES), Hayama, Japan.

P-22. Feldpausch, T. R., Lloyd, J., Lewis, S. L., Brienen, R. J. W., Gloor, M., Monteagudo Mendoza, A., Lopez-Gonzalez, G., Banin, L., Abu Salim, K., Affum-Baffoe, K., Alexiades, M., Almeida, S., Amaral, I., Andrade, A., Aragão, L. E. O. C., Araujo Murakami, A., Arets, E. J. M. M., Arroyo, L., Aymard C., G. A., Baker, T. R., Bánki, O. S., Berry, N. J., Cardozo, N., Chave, J., Comiskey, J. A., Alvarez, E., de Oliveira, A., Di Fiore, A., Djagbletey, G., Domingues, T. F., Erwin, T. L., Fearnside, P. M., França, M. B., Freitas, M. A., Higuchi, N., E. Honorio C., Iida, Y., Jiménez, E., Kassim, A. R., Killeen, T. J., Laurance, W. F., Lovett, J. C., Malhi, Y., Marimon, B. S., Marimon-Junior, B. H., Lenza, E., Marshall, A. R., Mendoza, C., Metcalfe, D. J., Mitchard, E. T. A., Neill, D. A., Nelson, B. W., Nilus, R., Nogueira, E. M., Parada, A., Peh, K. S.-H., Pena Cruz, A., Peñuela, M. C., Pitman, N. C. A., Prieto, A., Quesada, C. A., Ramírez, F., Ramírez-Angulo, H., Reitsma, J. M., Rudas, A., Saiz, G., Salomão, R. P., Schwarz, M., Silva, N., Silva-Espejo, J. E., Silveira, M., Sonké, B., Stropp, J., Taedoumg, H. E., Tan, S., ter Steege, H., Terborgh, J., Torello-Raventos, M., van der Heijden, G. M. F., Vásquez, R., Vilanova, E., Vos, V. A., White, L., Willcock, S., Woell, H., &

Phillips, O. L. (2012) Tree height integrated into pantropical forest biomass estimates. Biogeosciences, 9: 3381–3403.

P-23. Gilbuena Jr R, Kawamura A, Medina R, Amaguchi H, Nakagawa N and Bui DD (2013) Environmental impact assessment of structural flood mitigation measures by rapid impact assessment matrix (RIAM) technique: A case study in Metro Manila, Philippines. Science of the Total Environment, 456-457, 137-147.

P-24. Heish T. C., Ma K. H. & Chao A. (2019) iNEXT: Interpolation and extrapolation for species diversity. R Package Version 2.0.19. *https://cran.r-Project.org/web/packages/iNEXT/iNEXT.pdf*

P-25. Ho JK, Ramchunder SJ, Memory A, Theng M, Li T, Clews E, Cai Y, Tan HH, & Yeo DC (2016) A Guide to the Freshwater Fauna of Nee Soon Swamp Forest. Lee Kong Chian Natural History Museum & Tropical Marine Science Institute, National University of Singapore.

P-26. Ijas A, Kuitunen MT, and Jalava K (2010) Developing the RIAM method (rapid impact assessment matrix) in the context of impact significance assessment. Environmental Impact Assessment Review, 30, pp. 82-89.

P-27. Jackson JK and Resh VH (1989) Distribution and abundance of adult aquatic insects in forest adjacent to a northern Californian stream. Environmental Entomology 18: 278-283.

P-28. Jose S, Gillespie AR, George SJ and Kumar BM (1996) Vegetation responses along edge-to-interior gradients in a high altitude tropical forest inn peninsular India. Forest Ecology and Management, 87, 51-62.

P-29. Keng H (2003) Orders and Families of Malayan Seed Plants. Singapore University Press, National University of Singapore.

P-30. Kenzo T, Ichie T, Hattori D, Kendawang JJ, Sakurai K, Ninomiya I (2010) Changes in above- and belowground biomass in early successional tropical secondary forests after shifting cultivation in Sarawak, Malaysia. Forest Ecology and Management 260: 875–882.

P-31. Khew SK (2015) A Field Guide to the Butterflies of Singapore (2nd edition). Ink Communications Pte Ltd, Singapore.

P-32. Kottelat, M. (2013). The fishes of the inland waters of southeast Asia: a catalogue and core bibliography of the fishes known to occur in freshwaters, mangroves and estuaries. Raffles Bulletin of Zoology.

P-33. Kuitunen M, Jalava K, & Hirvonen K (2007) Testing the usability of the Rapid Impact Assessment Matrix (RIAM) method for comparison of EIA and SEA results. Environmental Impact Assessment Review, 28, 312-320.

P-34. Laurance WF and Bierregaard RO (1997) Tropical forest remnants: ecology, management, and conservation of fragmented communities. University of Chicago Press.

P-35. Laurance WF, Lovejoy TE, Vasconcelos HL, Bruna EM, Didham RK, Stoutfer PC, Gascon C, Bierregaard RO, Laurance SG, and Sampaio E (2002). Ecosystem decay of Amazonian forest fragments: A 22-year investigation. Conservation Biology, 16, 605–618.

P-36. Lim GZY (2014) Factors affecting primary forest regeneration in Singapore. Nanyang Technological University Thesis. 45 pp.

P-37. Ng PKL, Corlett R and Hugh TW Tan (2011). Singapore Biodiversity: An Encyclopedia of the Natural Environment and Sustainable Development. Raffles Museum of Biodiversity Research, National University of Singapore.

P-38. Ngo KM, Turner BL, Muller-Landau HC, Davies SJ, Larjavaara M, Hassan NFbN and Lum S (2013) Carbon stocks in primary and secondary tropical forests in Singapore. Forest Ecology and Management (296): 81–89.

P-39. Oksanen J., Blanchet F. G., Friendly M., Kindt R., Legendre P., McGlinn D., Minchin P. R., O'Hara R. B., Simpson G. L., Solymos P., Stevens M. H. H., Szoecs E. & Wagner H. (2019) vegan: Community Ecology Package. R Package Version 2.5-6. *https://cran.r-Project.org/web/packages/vegan/vegan.pdf*

P-40. Palmer, M.W. (1990). The estimation of species richness by extrapolation. Ecology, 71: 1195–1198.

P-41. Parker GG (1995) Structure and microclimate of forest canopies. In: Lowman, M.D., Nadkarni, N.M. (Eds.), Forest Canopies. Academic Press, San Diego, CA, 73–106.

P-42. Pastakia CM & Jensen A (1998) The rapid impact assessment matrix (RIAM) for EIA. Environmental Impact Assessment Review, 18(5), 461-482.

P-43. Pottie SA, Lane DJW, Kingston T, and Lee BPY-H (2005) The microchiropteran bat fauna of Singapore. Acta Chiropterologica, 7(2): 237–247.

P-44. Réjou‐Méchain M., Tanguy A., Piponiot C., Chave J., & Hérault B. (2017) BIOMASS: an r package for estimating above‐ground biomass and its uncertainty in tropical forests. Methods in Ecology and Evolution 2017, 8: 1163–1167.

P-45. Rovero F, Tobler M and Sanderson J (2010) Chapter 6 – Camera trapping for inventorying terrestrial vertebrates. In: Eymann J, Degreef J, Häuser C, Monje JC, Samyn Y and Vanden Spiegel D (Eds.). Manual on field recording techniques and protocols for All Taxa Biodiversity Inventories and Monitoring. Abc Taxa, Vol. 8 (Part 1). 100–128.

P-46. Rutherford JC, Blackett S, Blackett C, Saito L and Davies-Colley RJ (1997) Predicting the effects of shade on water temperature in small streams. New Zealand Journal of Marine and Freshwater Research 31: 707-722..

P-47. Sadler B (1996) Environmental assessment in a changing world: evaluating practice to improve performance. International Association of Impact Assessment and Canadian Environmental Assessment Agency.

P-48. *Schnitzler H-U, Moss CF, Denzinger A (2003) From spatial orientation to food acquisition in echolocating bats. TREE 18: 386–394.*

P-49. Smith E. P. & van Belle G. (1984). Nonparametric estimation of species richness. Biometrics, 40: 119–129.

P-50. Tang HB, Wang LK and Hamalainen M (2010) A photographic guide to the dragonflies of Singapore. Raffles Museum of Biodiversity Research.

P-51. Tucker NIJ & Murphy TM (1997) The effects of ecological rehabilitation on vegetation recruitment: some observation from the Wet Tropics of North Queensland. Journal of Forest Ecology Management, 99: 133-152.

P-52. Willson MF (1974) Avian community organization and habitat structure. Ecology, 55(5), 1017-1029.

P-53. Yee ATK, Chong KY, Neo L, Tan HT (2016) Updating the classification system for the secondary forests of Singapore. Raffles Bulletin of Zoology, 32:11–21.

P-54. Yong DL, Lim KC and Lee TK (2016) A Naturalist's Guide to the Birds of Singapore (2nd edition). John Beaufoy Publishing, United States.

P-55. Yahner RH (1988) Changes in wildlife communities near edges. Conservation Biology, 2(4), 333-339.

P-56. Zanne AE, Lopez-Gonzalez G, Coomes DA, Ilic J, Jansen S, Lewis SL, Miller RB, Swenson NG, Wiemann MC and Chave J (2009) Data from: Towards a worldwide wood economics spectrum. Dryad Digital Repository. *https://doi.org/10.5061/dryad.234*.

P-57. Robyn F. Wilson, Helene Marsh and John Winter (2007). importance of canopy connectivity for home range and movements of the rainforest arboreal ringtail possum (Hemibelideus lemuroides), Wildlife Research, Vol 3, pp 177-184.

P-58. R.D.Bullen (2014). A Note On The Impact On Pilbara Leaf-Nosed And Ghost Bat Activity From Cave Sound And Vibration Levels During Drilling Operations, ResearchGate, Vol 29, pp145-154

P-59. A. Schaub, J. Ostwald and B. M. Siemers (2008). Foraging bats avoid noise, THE JOURNAL OF EXPERIMENTAL BIOLOGY, Vol 211, pp 3174 – 3180.

P-60. Gu W, Chen J, Wang Z, Wang Z, Liu J and Lu M (2015). Experimental Study on the Measurement of Water Bottom Vibration Induced by Underwater Drilling Blasting, Hindawi Publishing Corporation, Shock and Vibration, Vol 2015, Article ID 496120. Retrieved from: http://dx.doi.org/10.1155/2015/496120.

P-61. BS 6472-2-2008 Guide to evaluation of human exposure to vibration in buildings Part 2: Blast induced vibration

P-62. Michael S P Wan, Jamie R, ICE Publishing (2014). Field Measurement By Fully Grouted Vibration Wire Piezometers. Retrieved from: https://learninglegacy.crossrail.co.uk/documents/field-measurement-by-fully-grouted-vibrating-wire-piezometers/

P-63. Blakely HS, Eikaas HS & Harding J (2014) The Singapore: a macro invertebrate biotic index for assessing the health of Singapore's streams and canals. Raffles Bulletin of Zoology 62: 540–548

P-64. Tyler RH, Boyer TP, Minami T, Zweng MM & Reagan JR (2017) Electrical conductivity of the global ocean. Earth, Planets and Space 69: 156. Retrieved from: https://earth-planets-space.springeropen.com/articles/10.1186/s40623-017-0739-7

P-65. Golshani, A., Rezaeibadashiani, M. A Numerical Study on Parameters Affecting Seismic Behavior of Cut and Cover Tunnel. Geotech Geol Eng 38, 2039–2060 (2020).

P-66. Khan, Arshad & Abdullah, Rini. (2016). A review on selection of tunneling method and parameters effecting ground settlements. 21. 4459-4475.

P-67. R. Dodge Woodson (2012). Concrete Portable Handbook. Chapter 4 – Mixing and Placing Concrete. Retrieved from https://doi.org/10.1016/B978-0-12-382176-8.00004-1

P-68. Guderian R. 1986. Terrestrial ecosystems: particulate deposition. In: Air Pollutants and Their Effects on the Terrestrial Ecosystem (Legge AH, Krupa SV, eds). Advances in Environmental Science and Technology, Vol. 18. 339-363, Wiley, New York, USA.

P-69. Farmer, A. (1993). The effects of dust on vegetation--a review. Environmental Pollution, 79(1), 63-75. Retrieved from https://doi.org/10.1016/0269-7491(93)90179-R

P-70. Qin, K. (2015). Birds suffer from air pollution, just like we do. Retrieved from California: https://ca.audubon.org/news/birds-suffer-air-pollution-just-we-do

P-71. Makarchian, Masoud. (1997). Review of underpinning methods. 3203-3212. Retrieved from: https://www.researchgate.net/publication/295759691_Review_of_underpinning_methods

P-72. Arévalo, J. E., & Newhard, K. (2011). Traffic noise affects forest bird species in a protected tropical forest. Revista de Biología Tropical, 59(2), 969-980.

P-73. Castaneda, E., Leavings, V. R., Noss, R. F., & Grace, M. K. (2020). The effects of traffic noise on tadpole behavior and development. Urban Ecosystems, 1-9.

P-74. Chia, A., Yong, D. L., Lim, K. C., Nyanasengeran, M., Sin, K., Lim, K. K. & Yeo, S. B. (2019) First confirmed breeding record of Plume-toed Swiftlet Collocalia affinis in Singapore. BirdingAsia 31 (2019): 85-87.

P-75. Fournier, J. P. (2011). If a bird flies in the forest, does anyone hear it?: Avian flight sound cues and hearing in Lepidoptera (Doctoral dissertation, Carleton University).

P-76. Friedel, P., Young, B. A., & van Hemmen, J. L. (2008). Auditory localization of ground-borne vibrations in snakes. Physical Review Letters, 100(4), 048701.

P-77. Gulick WL and Zwick H (2017) Auditory sensitivity of the Turtle. The psychological record, 16, pp. 47-53.

P-78. Kaiser, K., Scofield, D.G., Alloush, M., Jones, R. M., Marczak, S., Martineau, K., Olivia, M. A. & Narins, P. M. (2011). When sounds collide: the effect of anthropogenic noise on a breeding assemblage of frogs in Belize, Central America. Behaviour, 148(2), 215-232.

P-79. Kirchner, W. H., Dreller, C., & Towne, W. F. (1991). Hearing in honeybees: operant conditioning and spontaneous reactions to airborne sound. Journal of Comparative Physiology A, 168(1), 85-89.

P-80. Luo, J. (2015). Bats and ambient noise: From chatty neighbours to disturbing humans (Doctoral dissertation).

P-81. Mancera, K. F., Lisle, A., Allavena, R., & Phillips, C. J. (2017a). The effects of mining machinery noise of different frequencies on the behaviour, faecal corticosterone and tissue morphology of wild mice (Mus musculus). Applied animal behaviour science, 197, 81-89.

P-82. Mancera, K. F., Murray, P. J., Lisle, A., Dupont, C., Faucheux, F., & Phillips, C. J. C. (2017b). The effects of acute exposure to mining machinery noise on the behaviour of eastern blue-tongued lizards (Tiliqua scincoides). Animal Welfare, 26(1), 11-24.

P-83. Nedwell, J., Langworthy, J., & Howell, D. (2003). Assessment of sub-sea acoustic noise and vibration from offshore wind turbines and its impact on marine wildlife; initial measurements of underwater noise during construction of offshore windfarms, and comparison with background noise. Subacoustech Report ref: 544R0423, published by COWRIE.

P-84. Shaw, B. (2018). The Exploration of Neuronal Responses to Auditory Stimuli in the Dragonflies, Anax junius and Aeshna Constricta.

P-85. Šklíba, J., Šumbera, R., & Chitaukali, W. N. (2008). Reactions to disturbances in the context of antipredatory behaviour in a solitary subterranean rodent. Journal of ethology, 26(2), 249-254.

P-86. Taylor, C. J. (2009). Hearing in larvae of the monarch butterfly, Danaus plexippus, and selected other Lepidoptera (Doctoral dissertation, Carleton University).

P-87. Voigt, C. C., & Kingston, T. (2016). Bats in the Anthropocene: conservation of bats in a changing world. Springer Science+ Business Media.

P-88. Yack, J. E., & Fullard, J. H. (2000). Ultrasonic hearing in nocturnal butterflies. Nature, 403(6767), 265-266.

P-89. Peng, Z. Zhang, L (2016). A review of research progress in air-to-water sound transmission: http://cpb.iphy.ac.cn/article/2016/1861/cpb_25_12_124306.html

P-90. Wong, N. Y. & Yu, C. (2005). Study of green areas and urban heat island in a tropical city. Habitat International, 29, 547-558

P-91. Jusuf, S. K., Wong N.H., Hagen E., Anggoro, R., & Hong, Y. (2007). The influence of land use on the urban heat island in Singapore. Habitat International, 31, 232-242.

P-92. Marotta, Massimo. (2013). Singapore's Land Transport Authority: 15 Years of Innovative Use of Sprayed Concrete Lining.

P-93. Kaushal, V.; Najafi, M. Comparative Assessment of Environmental Impacts from Open-Cut Pipeline Replacement and Trenchless Cured-in-Place Pipe Renewal Method for Sanitary Sewers. Infrastructures 2020, 5, 48.

P-94. Grahame Olver; Anthony Prave (2013). Palaeogeography of Late Triassic red-beds in Singapore and the Indosinian Orogeny.

https://doi.org/10.1016/j.jseaes.2013.01.022

P-95. Ang A and Jabbar S (2019) Raffles' banded langurs at Windsor Nature Park. Singapore Biodiversity Record, 32-35.

P-96. Voigt, C.C, C. Azam, J. Dekker, J. Ferguson, M. Fritze, S. Gazaryan, F. Hölker, G. Jones, N. Leader, D. Lewanzik, H.J.G.A. Limpens, F. Mathews, J. Rydell, H. Schofield, K. Spoelstra, M. Zagmajster (2018): Guidelines for consideration of bats in lighting Projects. EUROBATS Publication Series No. 8. UNEP/EUROBATS Secretariat, Bonn, Germany, 62 pp.

P-97. Blackwell, B. F., DeVault, T. L., & Seamans, T. W. (2015). Understanding and mitigating the negative effects of road lighting on ecosystems. Handbook of road ecology: 143-150

P-98. Lim NT & Ng PK (2007) Home range, activity cycle and natal den usage of a female Sunda pangolin Manis javanica (Mammalia: Pholidota) in Singapore. Endangered Species Research, 4(1-2): 233–240.

P-99. Byrnes G, Norman TLM, Yeong C and Spence AJ (2011) Sex differences in the locomotion ecology of a gliding mammal, the Sunda colugo (*Galeopterus variegatus*). Journal of Mammalogy, 92(2), pp.444-451.

P-100. Agoramoorthy G, Sha CM and Hsu MJ (2004) Population, diet and conservation of Malayan flying Lemurs in altered and fragmented habitats in Singapore. Biodiversity and Conservation, 15, pp. 2177-2185.

P-101. Ang A. 2010. Banded leaf monkeys in Singapore: preliminary data on taxonomy, feeding ecology, reproduction, and population size. M.Sc. thesis, National University of Singapore: 112pp.

P-102. Mittal, N., Ho Arthur, Y.C. & Tay Edwin, S.B. Challenges in Construction of Secant Bored Piles in Sandy Soil and Within a Railway Protection Zone. Urban Rail Transit 6, 85–92 (2020). https://doi.org/10.1007/s40864-019-00123-1

P-103. Malizia, A. (1998). Population dynamics of the fossorial rodent *Ctenomys talarum* (Rodentia: Octodontidae). Journal of Zoology, 244(4), 545-551. doi:10.1111/j.1469-7998.1998.tb00059.x

P-104. Baumberger, K. L., Eitzel, M. V., Kirby, M. E., & Horn, M. H. (2019). Movement and habitat selection of the western spadefoot (*Spea hammondii*) in southern California. PloS one, 14(10), e0222532. https://doi.org/10.1371/journal.pone.0222532

P-105. Matsubayashi, H., Bosi, E., & Kohshima, S. (2003). Activity and habitat use of lesser mouse-deer (*Tragulus javanicus*). Journal of Mammalogy, 84(1), 234–242. https://doi.org/10.1644/1545-1542(2003)084

P-106. Kelt, D., & Van Vuren, D. (1999). Energetic Constraints and the Relationship between Body Size and Home Range Area in Mammals. Ecology, 80(1), 337-340. doi:10.2307/177002

P-107. Khan, Arshad & Abdullah, Rini. (2016). A review on selection of tunnelling method and parameters affecting ground settlements.

P-108. Pawlowicz, R. (2013) Key Physical Variables in the Ocean: Temperature, Salinity, and Density. Nature Education Knowledge 4(4):13, https://www.nature.com/scitable/knowledge/library/key-physical-variables-in-the-ocean-temperature-102805293/

P-109. Johann Golser, Markus Keuschnig, Franz Peter Weichenberger. NATM – Review and Outlook. https://doi.org/10.1002/geot.202000015

P-110. Ana I. Malizia (1997) Population Dynamics Of The Fossorial Rodent Ctenomys Talarum (Rodentia: Octodontidae), The Zoological Society of London.

P-111. Katherine Baumberger (2013), Uncovering A Fossorial Species: Home Range And Habitat Preference Of The Western Spadefoot: Spea Hammondii (Anura: Pelobatidae), In Orange County Protected Areas, A Thesis Presented To The Faculty Of Ccalifornia state University, Fullerton.

15.4 Maps

M-1. Google Maps (2019). https://www.google.com.sg/maps

M-2. OneMap Basemap (2019). https://www.onemap.sg/main/v2/

M-3. URA Map – Conservation Area and Buildings. https://www.ura.gov.sg/maps/?service=conservation

15.5 Other

O-1. Meeting Minutes of Meeting with LTA, 12th December (Ref: 60617507-04)

O-2. Land Transport Authority (2020). Contract CR2001 Advance Engineering Study for Cross Island Line Phase 2 (CRL Phase 2) – Main Line Package A Preliminary Design Drawings.

O-3. Quantum GIS Development Team (2017) Quantum GIS Geographic Information System. Open Source Geospatial Foundation Project. Version 2.18.14. http://qgis.osgeo.org.

O-4. R Development Core Team (2016) R Development Core Team R: A Language and Environment for Statistical Computing R Foundation for Statistical Computing, Vienna, Austria (http://www.R-Project.org).

O-5. Google Inc. (2013) Google Earth 7.1.2.2041. Google Inc., California.

O-6. J.Dawra. “Construction Site near Bedok Reservoir.” Digital Photographs.

O-7. J.Dawra. “Ventilation Shaft at Bedok North Station.” Digital Photographs.

O-8. AECOM Geotechnical Team. “Thomson Line at Fort Canning Site”. Digital Photographs

O-9. LTA. Conceptual Image of A1-W1 Facility Building.

O-10. Harnas, R (2020) Email to Mandy Yeo, 27 July

O-11. Mulyawan, D. (2021) Email to Mandy Yeo, 25 Jan

O-12. Ong, J. (2021) Email to Mandy Yeo, 14 April.

O-13. Ng, M. (2021) Email to Mandy Yeo, Li Sha Liew, 16 March

O-14. Vlijm, E. (2021) Email to Mandy Yeo, 21 July

O-15. Vlijm, E. (2021) Email to Mandy Yeo, Tan Yee Hong, 22 July

O-16. Vlijm, E. (2021) Email to Mandy Yeo, Tan Yee Hong, 23 July

O-17. Ng, M. (2021) Email to Mandy Yeo, Eliam Vlijm, Lui Rose, Tan, Rou Jie Tiffany, Dawra, Jagriti, Hilmi Anuar, 26 July

O-18. Ong, J. (2021) Email to Eliam Vlijm, Lui Rose, Tan, Rou Jie Tiffany, Dawra Jagriti, Hilmi Anuar, 27 July

O-19. Liew L.S (2021) Email to Mandy Yeo, Anthony Odempsey, 3 March

Appendix A

Environmental Impact Register

Environmental Aspect	Description of Receptor		Potential Activities Causing Impact	Minimum Controls *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	Significance of Potential Impact (assumes implementation of minimum controls)			Mitigation Measures	Significance of Residual Impact (with Mitigated Scenario)	Description of Monitoring Required	Close Up Actions
	Receptor	**Value/ Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
General	N/A	N/A	Exclusion of the evaluation of certain environmental impacts where detailed design is not available for review at the time of writing this report	• This EIS was conducted based on preliminary worksite design. • The current worksite design excludes any inputs in terms of locations of piezometers, utilities/ road diversion areas, site elements (e.g. workers dormitory, detention tank, site office etc.). • If this be available at later stage, the Contractor shall update the findings of this EIS.	N/A	N/A	N/A	N/A	N/A	N/A	CT
Biodiversity	Windsor Nature Park (Habitats)	Priority 1, 2 & 3	Loss/reduction of habitats Habitat degradation Change in species composition	•Trees that are to be retained within worksite would require an arborist to clearly mark out Tree Protection Zones where no works are allowed. The Tree Protection Zones should be set up in accordance with NParks guidelines. •Before vegetation removal, pre-felling fauna inspection should be conducted by an Ecologist to identify wildlife or nesting structures that are being actively used such as bird nests, tree hollows, burrows and bamboos clusters. •Soil erosion control measures are to be executed once vegetation has been removed and soil is exposed. •Implement soil erosion control measures. •Implement dust control measures. •Proper storage of materials that are likely to leech harmful chemicals and fuel-powered equipment away from waterbodies or areas of high conservation value habitats. •Ensure noise levels are within approved limits. •Ensure vibration levels are within approved limits.	Flora and Fauna	No requirement	Negligible to Major	**Design Phase** • Optimisation and shift in worksite. **Pre-construction Phase (specific to A1-W1)** • Three rope bridges to be constructed to enhance and safeguard connectivity for the arboreal mammals. Locations and details to refer to EIS Report Section 7.9.4. • To enhance existing underground passing along Island Club Road with planting (subject to authority's approval). Location and details to refer to EIS Report Section 7.9.4. • Execute vibration monitoring baseline data collection. Location and details to refer to EIS Report Section 12.2.3.3.5. **Pre-construction Phase (specific to A1-W2)** • To install culvert together with road barrier to create underground passing along Fairways Drive Road. Location and details to refer to EIS Report Section 7.9.4. **Construction Phase** • Ensure there are no works and disturbances to areas outside of work site, especially into areas of high conservation value. • Ensure any associated slope stabilisation and grading works will not impact topography of areas outside work site and, water quality and hydrology of the waterbodies within the Study Area. • To clearly mark out areas and plants with conservation value before the start of works to prevent unnecessary clearing. • To eliminate the need of removing bamboo clusters found within worksites as they are found to be potential roosting sites for the Critically Endangered bamboo bats (Tylonycteris spp.). Proper Tree Protection Zones (TPZs) should be established to ensure proper conservation of these bamboo clusters. • Transplant or harvest trees/saplings of conservation significance if they are to be cleared. • Conduct regular flora inspections to ensure contractor compliance and identify any impacts/unnecessary clearance in adjacent forest areas. • It is recommended to avoid felling trees and clearing vegetation during the peak bird breeding season (March to July). • Wildlife shepherding via directional clearing should be adopted over the usual site clearance. • Quieter construction machinery/equipment should be used over loud and noisy machinery/equipment whenever possible. • Set up sound-proof hoarding to reduce disturbances during construction works. • Noisy work activities should only be allowed from 0900–1700-h. • It is recommended that night-time works should be avoided to prevent disturbance to nocturnal fauna; restrict working hours to 0700–1900-h. If night-time works are essential, it is recommended to adopt a reduced lighting framework. • Worksite with a relatively higher chance of road kill, such as Windsor and Eng Neo Avenue Forest, are recommended to adopt road calming measures such as speed bumps, coupled with other mitigation measures such as restriction on speed of vehicles and working time. • Conduct regular fauna site inspections to ensure contractor compliance and to identify potential fauna entrapments. • Train site personnel on biodiversity awareness and actions to take when encountering wildlife. • Execute fauna response and rescue protocol when fauna is found on-site. • Ensure silt fences or other silt control measures along the site hoarding are installed and maintained properly. • Practise due diligence in proper storage and handling of machinery to prevent leaching of oil or harmful materials such as bentonite slurry. Store and handle harmful materials well away from water bodies. • Engage a Qualified Erosion Control Professional (QECP) to formulate and implement ECM plan in accordance with PUB requirements. • Implement dust control measures such as dust screens and water suppression systems. • Conduct regular fauna surveys in the adjacent forest to monitor the sensitive biodiversity utilising forest adjacent to the worksite. This also includes monitoring the water quality and aquatic faunal community in retained streams and streams adjacent to the construction areas. • Execute vibration monitoring construction phase data collection. Location and details to refer to EIS Report Section 12.2.3.3.5.	Negligible to Moderate	**Flora and Arboriculture** • Assessment of tree physiological health and vigour. • Determination of presence of mechanical damage to trees that may impair stability. • Identification of excessive or unauthorized tree removal. • Identification of trees that require management and maintenance such as tree care and pruning. • Determination of any unauthorized removal of flora within areas of conservation (if any) or beyond the demarcated worksite. • Identification of areas with soil erosion and degradation that have resulted from construction activities. • Determination of unauthorized dumping of waste material, construction debris or oil/chemical leakage that may contaminate the soil and waterbodies, and/or be detrimental to the vegetation. • Identification of areas that are responding poorly due to the development impacts. **Fauna** • Implementation pre-fauna inspection during directional clearing. • Assessment of adjacent forest habitat (e.g., water quality, excessive vegetation removal). • Inspection for presence of trapped/injured/dead fauna, potential fauna entrapments and gaps in site hoarding. • Toolbox briefings on biodiversity awareness. • Conduct biodiversity survey to monitor construction impacts on fauna activity and presence. • Recording of number of number of occurrences of human-wildlife conflict.	ECO, CT, Ecologist, Flora Specialist and Arborist
	Eng Neo Avenue Forest (Habitats)	Priority 1, 2 & 3					Negligible to Major		Negligible		
	Forested Area Adjacent to Fairways Quarters (Habitats)	Priority 1, 2 & 3					Negligible		Negligible to Major		
	Windsor Nature Park (Floral Species)	Priority 1, 2 & 3	Mortality Impediment to seedling recruitment Impediment to seedling recruitment Competition from exotic plant species Decline in plant health and survival				Negligible to Major		Negligible to Minor		
	Eng Neo Avenue Forest (Floral Species)	Priority 1, 2 & 3					Negligible to Major		Negligible to Minor		
	Forested Area Adjacent to Fairways Quarters (Floral Species)	Priority 1, 2 & 3					Negligible		Negligible to Major		
	Windsor Nature Park (Faunal Species)	Priority 1, 2 & 3	Loss of/reduction in habitats and food sources Injury or mortality Loss of ecological connectivity for faunal movement				Negligible to Major		Negligible to Moderate		
	Eng Neo Avenue Forest (Faunal Species)	Priority 1, 2 & 3					Negligible to Major		Negligible to Minor		
	Forested Area Adjacent to Fairways Quarters (Faunal Species)	Priority 1, 2 & 3					Negligible to Major		Negligible to Minor		

Environmental Aspect	**Description of Receptor**		**Potential Activities Causing Impact**	**Minimum Controls** *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	**Significance of Potential Impact (assumes implementation of minimum controls)**			**Mitigation Measures**	**Significance of Residual Impact (with Mitigated Scenario)**	**Description of Monitoring Required**	**Close Up Actions**
	Receptor	**Value/ Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
Hydrology and Surface Water Quality	D/S9	Priority 1	Solid & toxic waste generation on water quality	Site clearance, earthworks and general construction activities at launch/retrieval shafts, the open cut and the C&C works (e.g. clearing and preparation, trench excavation, backfill, soil mixing, compaction, spoil handling and transport, building of permanent structures, utilities diversion including diversion of water pipes and stormwater drains along the Project, etc.) - Development of a Standard Operation Procedure (SOP) for safe handling, transfer, storage and disposal of solid waste; - Effective ECM and monitoring implemented as required in the Code of Practice on Surface Water Drainage to ensure that discharge into the stormwater drainage system does not contain TSS in concentrations greater than the prescribed limits under the Sewerage and Drainage (Surface Water Drainage) Regulations; - ECM measures include but are not limited to minimisation of formation of bare soil, coverage of all bare/erodible surfaces, slope stability, concrete cut-off drains, silt fences/traps along the perimeter cut-off drain, turbidity curtains for works adjacent to watercourses, etc.; - Implementation of CCTV including SIDS at the public drain to monitor the surface runoff discharges from the sites as per the Public Utilities Board of Singapore's (PUB) circular on Preventing Muddy Waters from the Construction Sites (October 2015); - Provision of enclosed bins and waste disposal facilities cleared up as often as necessary to prevent build-up. Housekeeping checks will be carried out once a day to ensure all litter is cleared from site; - Hazardous substances and toxic wastes should be stored on hard stand, under shelter with a kerb around the storage area; - All wastes will be disposed only in the designated waste disposal facilities and appropriately separated, i.e. by trained workers to properly sort and label the different types of waste (reusable and recyclable waste, toxic and non-toxic waste, etc.); and - Appropriate disposal of any waste listed in the Environmental Public Health (General Waste Collection) Regulations by licensed waste operator/collector.	Water Quality - parameters listed in NEA's Allowable Limits for Trade Effluent Discharge for all discharge points; parameters listed in Water Quality Criteria for Aquatic Life for streams (i.e. D/S13 and D/S16).	No requirement	Negligible	Not applicable	Minor	- One time monitoring for all water quality parameters at all discharge point locations, stream D/S13 and drain D/S16 before construction works commencement. - One time monitoring for hydrological conditions of stream/drain and discharge locations of construction sites (i.e. capacity and baseflow) before construction works commencement. - Online real time monitoring for total suspended solids at the discharge point location at all the construction sites throughout the construction period. - Monthly monitoring for temperature, pH, conductivity, total dissolved solids and dissolved oxygen at all the discharge point locations at the construction sites throughout the construction period. - Monthly monitoring for biochemical oxygen demand, chemical oxygen demand, total nitrogen, nitrate, total phosphorus, orthophosphate, oil & grease - total, oil & grease - hydrocarbon, lead, zinc mercury, enterococcus at all the discharge point locations at the construction sites throughout the construction period. - Bi-weekly monitoring for all the in-situ parameters (i.e. temperature, pH, conductivity, total dissolved solids, total suspended solids, turbidity and dissolved oxygen) at the	CT, EM/ECO
	D/S10						Moderate	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S11						Moderate	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S14						Major	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		

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	Receptor	Value/ Sensitivity			Specific Parameter *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	Time Zone *(E.g. Morning / evening/ night)*	Impact Significance (with Base Scenario)				
	D/S15	Priority 1					Negligible	Not applicable	N/A	suspended solids, turbidity and dissolved oxygen) at the sensitive natural stream with high ecological importance, D/S13 throughout the construction period.	
	D/S16						Negligible	Flow diversion of affected area of D/S16 before temporary access road construction. The flow diversion will seek for PUB's approval and the design of diversion will follow PUB's Code of Practice on Surface Water Drainage. Any storm discharge from worksite to diverted drain requires to meet NEA Trade Effluent Discharge Limits.	Moderate	- Bi-weekly monitoring for all the ex-situ parameters (i.e. temperature, pH, conductivity, total dissolved solids, total suspended solids, turbidity and dissolved oxygen) at D/S16 throughout the construction period.	
	D/S13	Priority 1					Minor	Not applicable	N/A	- Bi-weekly monitoring for all the ex-situ parameters (i.e. biochemical oxygen demand, chemical oxygen demand, total nitrogen, nitrate, total phosphorus, orthophosphate, oil & grease - total, oil & grease - hydrocarbon, lead, zinc mercury, enterococcus) at D/S16 and at the sensitive natural stream with high ecological importance, D/S13 throughout the construction period.	
	Roadside drains in the vicinity of Worksites at Peirce Secondary School and CR13	Priority 1					Minor	Not applicable	N/A		
	D/S9	Priority 1	Liquid effluent generation and stormwater runoff on hydrology	- Runoff within, upstream of, and adjacent to the worksite will be effectively drained away without causing flooding in the vicinity; - Potential increase of peak-flow due to the change in the land use at the worksite can be mitigated by providing detention tanks/ponds within the Study Area. Detention tanks/ponds can capture stormwater during heavy storm events to reduce the peak runoff. - Geotechnical aspect of site's slope stability (such as Earth Retaining and Stabilising structures (ERSS) to be included in detailed design engineering for the construction stage; and - The design engineers for detailed design may need to ensure that Earth Retaining Stabilisation structures (ERSS) are proposed when the site is cleared and excavated. Concurrently the ECO must ensure that these measures are implemented in the construction phase, as cutting of slopes may result in slope instability.	Hydrology - Existing drain/stream capacity, baseflow		Negligible	Not applicable	Minor	-Hydrological conditions of drainage system within construction site and at immediate vicinity should also be closely monitored during construction phase. Before draining to public drains or	
	D/S10	Priority 1					Moderate	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S11						Moderate	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S14						Major	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S15	Priority 1					Negligible	Not applicable	N/A		
	D/S16						Negligible	Flow diversion of affected area of D/S16 before temporary access road construction. The flow diversion will seek for PUB's approval and the design of diversion will follow PUB's Code of Practice on Surface Water Drainage. Any storm discharge from worksite to diverted drain requires to meet NEA Trade Effluent Discharge Limits.	Moderate		
	D/S13	Priority 1					Minor	Not applicable	N/A		
	Roadside drains in the vicinity of Worksites at Peirce Secondary School and CR13	Priority 1					Minor	Not applicable	N/A		
	D/S9	Priority 1	Liquid effluent generation and stormwater runoff on water quality	Construction wastewater resulting from site clearance, excavation, tunnelling, etc. - A full inventory of all anticipated wastewater streams and volumes should be finalised before the onset of the construction works; - No unmanaged discharge of wastewater stream permitted; - Reduce, reuse, and recycle hierarchy principle to be applied to wastewater on-site; - Regular audits on environmental management procedures will be carried out on site; - No hazardous liquids to be sent to the detention pond/tank; - Hazardous wastewater, such as oily water, thinners, solvents, or paints should be stored on hard stand, under shelter with a kerb around the storage area. The wastewater should be removed for treatment and disposal off-site by an approved Waste Management Contractor. Hazardous liquids to be handled as Hazardous Waste; - Containment pond/kerbs will be of impervious material and be designed with sufficient capacity to hold volumes of wastewater produced on-site and potential fire-fighting wastewater. Contractor will seek for comment and approval from relevant authorities (e.g. SCDF and NEA) on the treated wastewater to be used for firefighting purpose; - ECM tanks/ponds will be designed in sufficient capacity to hold the turbid stormwater prior to treatment at the ECM facility; - Temporary storage volumes should be provided for overflow situations. Temporary storage with sufficient capacity will capture any expected additional volumes to ensure untreated wastewater is not released to watercourses unless it complies with Singapore NEA Guidelines on trade effluent discharge concentrations; - A responsible person (e.g. ECO) to be assigned to oversee the efficient operation of the containment pond/kerbs where 'Good Housekeeping' practices would be adhered to. Also, the area would be carefully managed to avoid spills, leaks, and odour issues, with the containment pond/kerbs checked at least daily to ensure proper functionality; - Daily record volume of wastewater, as well as volumes of sludge and other produced wastes; - Contractor will need to seek approval from relevant authorities (i.e. PUB & NEA) as per PUB Sewerage and Drainage (Trade Effluent) Regulations if the wastewater will be disposed to public sewer or NEA's Trade Effluent Discharge Limits to controlled watercourse if the treated trade effluent will be disposed to surface watercourses. If such discharges are not approved, the trade effluent will be stored, treated or recycled on site and finally disposed off-site; - It is noted that no TBM dewatering facilities, grout handling and cement plants are allowed at this worksite at Windsor Nature Park; - The discharge of pumped dewatered groundwater or other wastewaters to sensitive aquatic habitats will be prohibited (e.g. natural streams within Windsor Nature Park and Eng Neo Avenue Forest); - Tunnel washing effluent should be discharged to containment pond/kerbs that manually collected by operator assigned private wastewater collector to be transferred to wastewater treatment plant; - The containment pond/kerbs, as well as wastewater generating areas on-site, to be equipped with spill clean-up kits; - Adequate drainage, cut-off drains sump pit, road kerb, piping and toe wall will be designed for channelling of construction process wastewater (e.g. concrete batching, wash water, etc.) and stormwater runoff separately through detailed design for capture and treatment in the containment pond/kerbs. Where applicable (e.g. in the vicinity of liquid storage or refuelling areas), this infrastructure will include oil-water separators to capture inadvertent spills or leaked oils or greases; - Implement a construction EMMP and ensure full preparation of associated plans and procedures including the following: * EMMP to include SOPs, an Emergency Response Plan (ERP), an inventory of wastewater streams, training of staff as well as an inspection, maintenance and audit schedule; and * Full development of EMMP Wastewater Management Procedures to include dedicated management and monitoring procedures that covers all eventualities related to the proper operation of the containment pond/kerbs, or any other wastewater discharge location/equipment. - Regular and dedicated procedures for the inspection and maintenance of wastewater (i.e. trade effluent) collection, storage, and treatment infrastructure, such as pipes, oil water separators, silt screens, etc.; - Regular and dedicated procedures for the management of stormwater collection, settling, testing and eventual discharge of 'clean' water to watercourses. This should also include associated measures required to prevent high sediment concentration stormwater drainage to watercourses; and - A training programme for all on-site workers, including sub-contractors, in relation to their obligations for ensuring proper water quality management; - Surface runoff from the A1-W1 worksite will be treated with ECM system before discharge to the nearby watercourses along the Island Club Road with the following measures: * Routine monitoring and maintenance of the ECM treatment plant-related equipment; and * Spare pumps, piping and other ancillary equipment will be stored at the worksite for redundancy to enable prompt replacements/repairs are made to allow for smooth operation of the ECM system at all times. Storage and disposal of domestic liquid wastes - Provision of portable toilets and on-site septic tank; - Regular cleaning of the portable toilets and clearing of sanitary waste; - Appropriate location of toilet facilities away from any nearby watercourses; - Inspections and audits to ascertain the hygienic conditions onsite; - The toilet facilities will be placed at least 30 m away from any nearby watercourse; - Training of workers on the best practices to contribute in environmental protection; and - Appropriate disposal of any waste listed in the Environmental Public Health (General Waste Collection) Regulations by licensed waste operator/collector regardless the wastes to be disposed off-site or discharged to public sewer. Storage and disposal of construction solid wastes - Surface Water Drainage, to be endorsed by a QECP and submitted to PUB; - Implementation of the ECM plan before the start of any construction work; - Effective ECM and monitoring implemented as recommended in the Code of Practice on Surface Water Drainage to prevent that discharges into stormwater drainage system does not contain TSS in concentrations greater than the	Water Quality - parameters listed in NEA's Allowable Limits for Trade Effluent Discharge for all discharge points; parameters listed in Water Quality Criteria for Aquatic Life for streams (i.e. D/S13 and D/S16).		Negligible	Not applicable	Minor		
	D/S10	Priority 1					Moderate	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S11						Moderate	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S14						Major	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S15	Priority 1					Negligible	Not applicable	N/A		

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	Receptor	Value/ Sensitivity			Specific Parameter *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	Time Zone *(E.g. Morning / evening/ night)*	Impact Significance (with Base Scenario)				
	D/S16			ensure that discharge into stormwater drainage system does not contain TSS in concentrations greater than the prescribed limits under the Sewerage and Drainage (Surface Water Drainage) Regulations; - ECM measures include but are not limited to minimisation of formation of bare soil, coverage of all bare/erodible surfaces, concrete cut-off drains, silt fences/traps along the perimeter cut-off drain, turbidity curtains for works adjacent to watercourses (i.e. canals, drains, streams), etc. - Implementation of CCTV including a SIDS at the public drain to monitor the surface runoff discharges from the sites as per the PUB circular on Preventing Muddy Waters from the Construction Sites (October 2015); - Runoff within, upstream of, and adjacent to the worksite will be effectively drained away without causing flooding in the vicinity; - Manholes should always be adequately covered and temporarily sealed; - Protection of stockpiles with erosion blanket coverage and proper scheduling of the demolition and earthworks to reduce the quantity of stockpiles to be stored onsite; - Coverage of temporary/open storage of excavated materials; - All vehicles should run via wheel washing process before leaving the site to ensure no earth, mud, debris, etc., is deposited on roads; and the wastewater hence generated should be stored and removed for treatment and disposal off-site by an approved Waste Management Contractor; and - Appropriate permits for discharge to be obtained from relevant authority prior to discharge. No trade effluent other than that of a nature or type approved by NEA Director-General will be discharged into any watercourse or land. Stormwater Runoff Generation - ECM measures include but are not limited to minimisation of formation of bare soil, coverage of all bare/erodible surfaces, concrete cut-off drains, silt fences/traps along the perimeter cut-off drain, turbidity curtains for works adjacent to watercourses (i.e. canals, drains, streams), etc.; - Adequate drainage, piping and/or channelling of stormwater runoff to be assured through detailed design for capture and treatment at ECM tanks/ponds before discharge into surface watercourses; - Regular and dedicated procedures for the inspection and maintenance of stormwater collection, storage, and treatment infrastructure, such as pipes, oil water separation, silt screens, etc.; and - Regular and dedicated procedures for the management of stormwater collection, settling, testing and eventual discharge of 'clean' water to watercourses. This should also include associated measures required to prevent high sediment concentration stormwater drainage to watercourses.			Negligible	Flow diversion of affected area of D/S16 before temporary access road construction. The flow diversion will seek for PUB's approval and the design of diversion will follow PUB's Code of Practice on Surface Water Drainage. Any storm discharge from worksite to diverted drain requires to meet NEA Trade Effluent Discharge Limits.	Moderate		
	D/S13	Priority 1					Minor	Not applicable	N/A		
	Roadside drains in the vicinity of Worksites at Peirce Secondary School and CR13	Priority 1					Minor	Not applicable	N/A		
	D/S9	Priority 1	Improper management of chemical substances on water quality	<u>Use, storage and disposal of chemical substances refuelling activities</u> - Development of SOP for safe handling, transfer and storage of toxic waste; housekeeping checks once a day to ensure all toxic waste is cleared from site; - Appropriate tests to ascertain the presence/absence of contamination of the excavated earth and sand; - Appropriate fully sheltered storage area with storage volume to be 110% of the largest volume of chemical substances to be stored (kerb up and enclosed on at least 3 sides, covered and with adequate ventilation); - Appropriate construction material for toxic waste storage containers with leak detection tests conducted periodically; - Provision of secondary containment for all toxic waste stored in bulk as per the requirements in the COPPC/SS593; - Preparation of an emergency response plan, training of the emergency response team (ERT) to be competent in the response mechanism and provision of response kits for any spillages; - Consignment notification/tracking system and transport emergency response plan for transport of toxic waste; and - Appropriate disposal of toxic waste as per required in the Environmental Public Health (Toxic Industrial Waste) Regulations by licensed waste operator/collector.	Water Quality - parameters listed in NEA's Allowable Limits for Trade Effluent Discharge for all discharge points; parameters listed in Water Quality Criteria for Aquatic Life for streams (i.e. D/S13 and D/S16).		Negligible	Not applicable	Minor		
	D/S10	Priority 1					Moderate	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S11						Moderate	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S14						Major	Shift worksite A1-W2 out from Eng Neo Avenue Forest during construction phase.	Minor		
	D/S15	Priority 1					Negligible	Not applicable	N/A		
	D/S16						Negligible	Flow diversion of affected area of D/S16 before temporary access road construction. The flow diversion will seek for PUB's approval and the design of diversion will follow PUB's Code of Practice on Surface Water Drainage. Any storm discharge from worksite to diverted drain requires to meet NEA Trade Effluent Discharge Limits.	Moderate		
	D/S13	Priority 1					Minor	Not applicable	N/A		
	Roadside drains in the vicinity of Worksites at Peirce Secondary School and CR13	Priority 1					Minor	Not applicable	N/A		

Environmental Aspect	**Description of Receptor**		**Potential Activities Causing Impact**	**Minimum Controls** *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	**Significance of Potential Impact (assumes implementation of minimum controls)**			**Mitigation Measures**	**Significance of Residual Impact (with Mitigated Scenario)**	**Description of Monitoring Required**	**Close Up Actions**
	Receptor	**Value/ Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
Soil and Groundwater & Waste	Soil and Groundwater within the Project Site	Priority 3	• Site Clearance, levelling and land grading works • Construction of shaft, station boxes, facility buildings and other infrastructures • Excavation of cut and cover areas • Stockpiling of excavated soil from cut and cover areas and tunnel boring activities •Improper management and disposal of excavated soils and/or groundwater during excavations and tunnel boring activities •Improper handling, transfer and storage of toxic chemical waste •Improper handling, transfer, refuelling and storage of chemicals (e.g. diesel, bentonite, lubricants, oils, grease, paints, solvents, waste treatment chemicals, etc.) generated during construction activities.	• Install piezometers to monitor the changes in groundwater level in compliance with Building Control Regulations 2003 as part of its instrumentation and monitoring plan to be endorsed by the Qualified Professional (QP). • Proper Earth Retaining Stabilising Structures (ERSS) should be selected and designed to limit groundwater settlement. • Identify all types of toxic chemical waste and implement comprehensive waste management system at the site in order to ensure proper disposal and prevent pollution to the environment. This contractor should conduct a construction risk assessment and prepare a comprehensive construction health, safety and environment plan. If health impacts to workers are foreseen due to the handling of such waste, necessary precautionary measures as per the safety data sheets (SDS) including personal protective equipment should be implemented on site. • Inspect all equipment prior to entering the site for fuel/hydraulic lines, leaking tanks, and other potential faulty parts that could potentially cause contamination to soil or groundwater. • Dispose all construction debris (under category C&D) at the gazetted Government dumping grounds or at such other sites or locations as directed by NEA. • Store generated toxic chemical waste under shelter within concrete bund walls or in storage containers with good ventilation. Spill trays shall be provided for all waste containers Spill trays shall be regularly maintained to prevent rain from washing out the pollutive substances. • Note that the Earth Control Measures (ECM) is for the containment and treatment of silty discharge due to the impact of rainwater. ECM is not meant for the treatment of wastewater due to construction activities (such as pipe-jacking and bore-piling works) which shall be treated to comply with the requirements under prevailing legislation. • Contractor to seek approval from relevant authorities (i.e. PUB & NEA) prior to any discharge of trade effluent generated (including wastewater from tunnelling activities and bentonite slurry treatment system/plant) as per PUB Sewerage and Drainage (Trade Effluent) Regulations. • Remove any hazardous substance or chemical if there are safer alternatives. • Ensure all hazardous substance and chemical containers are labelled its movement is recorded and returned to the designated storage areas when not in use. • Assess the SDS of all the hazardous substances and chemicals prior to its entry to site for its suitability in terms of SHE hazards and consider safer alternatives. • Ensure no trade effluent other than that of a nature or type approved by NEA Director-General shall be discharged into any watercourse or land. • Ensure all activities involving repair, servicing, engine overhaul works, etc. shall be carried out on an area which is appropriately contained (e.g. concreted area and with proper containment/sumps) and all wastes are channelled for appropriate treatment or disposal to meet the regulations. • Store chemicals stored under shelter within concrete bund walls or in storage containers with good ventilation. • Spill trays shall be provided for all drums, plants and machinery and potential pollutive substances used on site. • Spill trays shall be regularly maintained to prevent rain from washing out the pollutive substances. • Provide emergency spill kits on site in the event of any chemical spillages. The emergency response team shall also be competent in the use of these spill kits. • Handling and disposal of excavated soils following the procedure in Tab 6. This flow chart explains how to handle excavated soils, and identify potential areas of contamination as well as potential of contamination (POC) in excavated soils. If the POC soils are tested for exceedance in Dutch intervention values (DIV), the soils can be disposed of to toxic waste collectors or undergo soil treatment. If contaminated soils were sent for treatment to an acceptable standard such as the DIV, the treated soils can be disposed in the staging ground or through a general waste collector depending on the level of the contaminants during the staging ground testing. • Discharge of extracted groundwater shall be to an area approved for such disposal by the NEA and PUB following the process set out in Tab 7. Preliminary screening of the results from the three boreholes within the Project area showed that there were no exceedances of the DIV recorded for soils or groundwater samples. However, it is recommended that the construction contractor to be vigilant of site conditions and extracted groundwater to be tested at regular intervals. If a contamination beyond DIV is detected, the Contractor shall assess the potential inhalation and dermal impacts of the chemical identified and on the health and safety of exposed to groundwater before commencement of construction activities. Such contaminated wastewater may need to be disposed of to a licensed toxic waste collector.	Toxic Chemical Waste Generation and Improper Handling of Hazardous Chemicals/ Substances	-	Minor	No additional mitigation measures are proposed beyond minimum controls	N/A	Groundwater level continuous monitoring within the development boundary throughout the lifetime of the construction phase as per the instrumentation and monitoring plan developed by the QP. At locations within the project site where toxic chemical waste are stored - Records on chemical waste from the waste generator should be properly kept and records produced when requested. At locations within the project site where hazardous chemicals/ substances are used/ stored - Inspection of hazardous chemicals/ substances storage condition weekly during construction phase. Environmental audits to be conducted quarterly during construction phase.	CT, EM/ECO
	Streams with biodiversity conservation significance where groundwater flow partially supporting the stream ingress from the construction worksites and operational footprint	Priority 2									
Air Quality	**A1-W2 Construction Worksite**	Priority 1	1. Dust emissions generated by earthworks processes at worksites 2. Dust emissions generated by the construction of new structures 3. Fugitive dust emissions from dumper trucks transporting spoil 4. Fugitive dust emissions from demolition activities 5. Gaseous emission from vehicle exhaust 6. Gaseous emissions from off road diesel engines on-site	The following control measures should be observed during the construction stage to reduce the noise levels: - The construction footprint shall be hoarded on all sides; and - Road construction or expansion shall be completed first and paved where possible before the construction of other development commences.	Fugitive dust emissions, Particulate Matter (PM_{10} and $PM_{2.5}$) and Gaseous Emissions (NO_2 and CO)	6am to 10pm (Monday to Saturday)	Moderate to Major	GENERAL MITIGATION MEASURES TO BE IMPLEMENTED THROUGH OUT CONSTRUCTION PERIOD: 1. Develop and implement a stakeholder communications plan that includes community engagement before work commences on site. 2. Display the name and contact details of person(s) accountable for air quality and dust issues on the site boundary. This may be the environment manager/engineer or the site manager. 3. Develop and implement an Air Pollution Control Plan (APCP). 4. Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken. 5. Make the complaints log available to the local authority when asked. 6. Record any exceptional incidents that cause dust and/or air emissions, either on-site or off- site, and the action taken to resolve the situation in the log book. 7. Hold liaison meetings with other high risk construction sites within 500m of the site boundary, to ensure plans are coordinated and dust and particulate matter emissions are minimised. 8. Undertake regular (daily frequency recommended) on-site and off-site inspections and record results. The log should be made available to the NEA or other Government Agencies if required. Inspections should include regular dust soiling checks of surfaces such as street furniture, cars and window sills within 100m of site boundary. Cleaning should be provided if necessary. 9. Carry out regular site inspections to monitor and record compliance with the Air Pollution Control Plan. 10. Increase the frequency of site inspections during prolonged dry or windy conditions. 11. Plan site layout so that machinery and dust causing activities are located away from receptors, where possible. 12. Erect hoarding around dusty activities and at the site boundary wherever possible. Boundary screens should be at least as high as any stockpiles or dust emission sources on site. 13. Fully enclose specific activities where there is a known high potential for dust production and the site will be active for an extensive period of time. 14. Keep site fencing, barriers, and scaffolding clean by cleaning regularly using wet methods (dry methods may give rise to fugitive dust). 15. Remove materials that have the potential to produce dust from site as soon as possible, unless being re-used on site. If they are being re-used on-site, stockpiled material should be covered, seeded, fenced or enclosed to prevent fugitive dust formation. 16. Ensure all vehicles and engine powered equipment comply with the legislative requirements of Singapore. 17. Ensure all vehicles and equipment switch off their engines when stationary – i.e. no idling vehicles or engines. Clear signs shall be erected at site entrance to inform all visitors. 18. Where practicable, avoid the use of diesel- or petrol-powered generators and use mains electricity or battery powered equipment. 19. Impose and signpost a maximum-speed-limit of 25 km/hr on paved or surfaced haul roads and 15 km/hr on unpaved haul roads and work areas. 20. Produce a Construction Logistics Plan to manage the sustainable delivery of goods and materials. 21. Only use cutting, grinding or sawing equipment fitted with, or in conjunction with, suitable dust suppression techniques such as water sprays or local extraction e.g. local exhaust ventilation system. 22. Ensure an adequate water supply on the site for effective dust/particulate matter suppression/ mitigation, using non-potable water where possible and appropriate. 23. Use enclosed chutes and conveyors and covered skips wherever possible.	Minor	- 1 week monitoring of PM10 and PM2.5 before commencement of construction works for re-establishment of baseline - Continuous dust deposition monitoring at 1) Forested Area Adjacent to Fairways Quarters (Site I and II); and 2) Windsor during construction phase	CT, EM/ECO
	Eng Neo Avenue Forest										
	Forested Area Adjacent to Fairways Quarters (Site I, II)						Negligible The base scenario worksite is >50m away from Site I and Site II. Thus, based on IAQM Guidance, air quality impact at Site I and II is deemed to be insignificant.				

Environmental Aspect	Description of Receptor		Potential Activities Causing Impact	Minimum Controls *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	Significance of Potential Impact (assumes implementation of minimum controls)			Mitigation Measures	Significance of Residual Impact (with Mitigated Scenario)	Description of Monitoring Required	Close Up Actions
	Receptor	**Value/ Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
	A1-W1 Construction Worksite	Priority 1			Fugitive dust emissions, Particulate Matter (PM_{10} and $PM_{2.5}$) and Gaseous Emissions (NO_2 and CO)	6am to 10pm (Monday to Saturday)	Moderate to Major	24. Minimise drop heights from conveyors, loading shovels, hoppers, and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate. 25. A stringent "Clean as you go" Policy should be implemented on site to ensure no loose dry material is left exposed when not in use. Equipment should be readily available on site to clean any dry spillages, and cleaning should be conducted as soon as reasonably practicable after the event using wet cleaning methods. MITIGATION MEASURES FOR EARTHWORKS: 1. Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable. 2. Use Hessian, mulches or soil tackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable. 3. Only remove the cover in small areas during work and not all at once. MITIGATION MEASURES FOR CONSTRUCTION (only applicable for A1-W1 worksite): 1. Avoid scabbling (roughening of concrete surfaces) if possible. 2. Sand and aggregates shall be delivered in a dampened stage and shall be re-wetted before being dumped into storage bunker. 3. Drop heights at transfer points shall be minimized to lessen dust generation 4. Special covered area shall be provided for loading and unloading process 5. Water sprays or sprinklers shall be employed at conveyor transfer points 6. Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place. 7. Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery. 8. For smaller supplies of fine power materials ensure bags are sealed after use and stored appropriately to prevent dust. 9. Vent shall be provided with efficient fixed filter bags to comply with the dust emissions criteria. 10. Silos shall not be filled up with cement more than 90% of its loading capacity, to avoid overfilling 11. Silos shall be equipped with overfill protection: audible high level sensor alarm and automatic shut-down switch, which could be activated to close when a problem is detected. MITIGATION MEASURES FOR TRACKOUT: 1. Use water-assisted dust sweeper(s) on the access and affected local roads, to remove, as necessary, any material tracked out of the site. This may require the sweeper being continuously in use. 2. Avoid dry sweeping of large areas. 3. Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport. 4. Inspect on-site haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable. 5. Record all inspections of haul routes and any subsequent action in a site log book. 6. Install hard surfaced haul routes, which are regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned. 7. Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable). 8. Ensure there is an adequate area of hard surfaced road between the wheel wash facility and the site exit, wherever site size and layout permits. 9. Site access gates to be located at least 10 m from receptors where possible.	Minor		
	Windsor										
Airborne Noise	Eng Neo Avenue Forest	Priority 1, 2 & 2	Noise generated by the use of PME, (such as excavators, generators, pumps, cranes, etc.,) for various construction activities. Noise from trucks transporting spoil / equipment.	•Construction prohibition period should be followed, as per fourth schedule of Environment Protection and Management regulation; •Prepare a Construction Noise Management Plan, to establish baseline noise monitoring prior to site clearance, plan for monitoring during the construction phase, and procedure for complaint handling; •The Contractor shall review the equipment to be used on site and erect localised noise barriers prior to undertaking high noise generating work; •Machines (such as trucks) that may be in intermittent use shall be shut down between work periods or shall be throttled down to a minimum; •Only well-maintained plants shall be utilized on-site and plants shall be serviced regularly during the entire construction period; •The number of PMEs shall be reduced as far as practicable when construction works are carried out at areas close to the noise sensitive receivers: •Silencers or mufflers on construction equipment shall be utilized and shall be properly maintained during the construction programme; •Behavioural practices including no shouting, no loud stereos/ radios on site, no dropping of materials from height, no throwing of metal items shall be ensured; •Construction respite: Restrict high noise generating drilling activities only in continuous blocks, not exceeding 3 hours each, with a minimum respite period of one hour between each block, if possible; •Periodic noise monitoring by an independent third party, to establish compliance with requirements and to advise on equipment causing concern, and additional potential mitigation measures; •Plan the layout of the site by considering using materials and other large structural equipment as noise barriers; •Plant known to emit noise strongly in one direction shall, wherever possible, be orientated so that the noise is directed away from the nearby NSRs; and •Material stockpiles and other structures shall be effectively utilized, wherever practicable, in screening noise from on-site construction activities. •Acoustic sheds should be provided at the locations of the noise generating activity such as operation of hand-held breaker. •Tunnel boring works at the surface and initial boring to be conducted in the daytime as far as possible. •For A1-W1 worksite, it is recommended that the location only be used as a pass by and no TBM related works at A1-W1 worksite. •The optimisation of A1-W2 worksite where it is relocated outside of Eng Neo Avenue Forest. •All construction works should be conducted within the daytime period. TBM works are to be conducted in the daytime as much as possible. •During high-noise events such as rock breaking and excavation, ecologists are to be onsite for at least the first seven rock breaking events and during the test runs in anticipation for fauna response (e.g., flee response behaviour). The ecologist is to monitor for any fauna behaviour (e.g., dashing onto road) resulting in roadkill incidents for at least 30 minutes after each rock breaking event. In addition, during rock breaking and excavation events, there shall be ecologists present to observe fauna movements, and the appointed contractor should take note to restrict the entry of visitors into the trails of Windsor (Refer to Section 12.8.1).	Scenario 1 - Typical Construction Works - Weekday $L_{eq(12\ hours)}$ and $L_{eq(5\ mins)}$	Daytime, Evening and Night Periods	Major	• Noise barrier of minimum STC 20 proposed at the following area - 12 m high noise barrier at the construction boundary of A1-W1 fronting noise sensitive receptors (Windsor), -12m high noise barrier at the construction boundary of optimised A1-W2 worksite fronting noise sensitive receptors (Eng Neo Avenue Forest, Site I and Site II), -12 m high noise barrier at the boundary of underpinning works at Peirce Secondary School fronting noise sensitive receptors, -12 high noise barrier Surrounding CR13 retrieval shaft worksite - LTA's standard Full TBM enclosure 15m high at boundary of A1-W2 launch shaft as marked up in the EIS Report. • Substitution - The method involves substitution of a high noise generating equipment with that of a lower noise generation alternative e.g. alternative to use silent piling equipment • Enclosure - Where substitution is not applicable or feasible, noise enclosures of source to control noise can be implemented. Additional Mitigation Measures, •The optimisation of worksite to be situated away from Windsor and Eng Neo Avenue Forest as far as practicable. •For the A1-W1 worksite in Windsor as well as A1-W2 worksite and its temporary road works at Site I and II near Eng Neo Avenue Forest, above-ground construction works which are not critical for safety reasons shall only be allowed from Mondays to Saturdays (i.e. avoiding works on Sunday and Public holidays) from 7am to 7pm. However, noisy activities (e.g. piling, excavation) shall only be allowed from 9am to 5pm. •It is to be noted that the temporary access road work associated with the A1-W2 worksite were not modelled under this assessment. Since the construction footprint is very close to the ecological receptors at Site I and Site II, predicted noise level is expected to be up to 22 dB(A) exceedance than criteria and major impact significance. Therefore, during the road work construction, temporary noise barrier will need to be applied and no night works after 7pm for all non-safety critical activities since the site is next to the biodiversity Study Area. If there are any complaints regarding the noise impact arising from the Project worksites, PRO shall engage with ECO to resolve this issue. •For noisy machinery such as the Secant Pile Auger - that typically operate for long period, the sound proof baffles can be mounted directly on the machine around the engine cowling. •It is to be noted that sound power level of utility diversion works along Island Club Road at A1-W1 worksite are much lower than worst-case and which is not model in under this assessment. If there are any complaints regarding the noise impact arising from the Project worksites, the PRO shall engage with ECO to resolve this issue.	Minor	Before commencement of any construction works (including site clearance) •One-time airborne noise monitoring for 1 week at this location, for establishment of latest baseline. (Eng Neo Avenue Forest, Forested Area Adjacent to Fairways Quarters (Site I and Site II) •To conduct 6 months of continuous airborne noise monitoring at this location, for establishment of latest baseline. (Windsor) During Construction Phase •Continuous monitoring to capture LAeq(12 hours), LAeq(1 hour) and LAeq(5 mins) at this location for the entire duration of construction. (Eng Neo Avenue Forest, Forested Area Adjacent to Fairways Quarters (Site I and Site II) and Windsor) •Continuous monitoring at Six (6) locations at Windsor boundary, in tandem with biodiversity camera traps monitoring and vibration monitoring locations in blocks of six (6) months during these construction stages: (i) Site Clearance stage, (ii) Rock Braking and Excavation stage, (iii) Piling stage, (iv) Tunnel Boring stage Monitoring to be conducted at the following locations: • Eng Neo Avenue Forest, Forested Area Adjacent to Fairways Quarters (Site I and Site II) boundary closest to A1-W2 worksite • Windsor boundary closest to A1-W1 worksite • Six (6) locations at Windsor boundary, in tandem with biodiversity camera traps monitoring and vibration monitoring locations Records on noise levels from construction sites should be properly kept and produced when requested. Environmental audit by independent EMMP Consultant, monthly during construction phase.	CT, EM/ECO
	Forested Area Adjacent to Fairways Quarters (Site I)	Priority 1, 2 & 3					Negligible to Major		Moderate to Major		
	Forested Area Adjacent to Fairways Quarters (Site II)	Priority 1, 2 & 3					Negligible to Moderate		Moderate to Major		
	Windsor	Priority 1, 2 & 3					Moderate to Major		Minor to Moderate		
	Eng Neo Avenue Forest	Priority 1, 2 & 2			Scenario 2 - TBM Works - Weekday $L_{eq(12\ hours)}$ and $L_{eq(5\ mins)}$	Daytime, Evening and Night Periods	Major		Minor		
	Forested Area Adjacent to Fairways Quarters (Site I)	Priority 1, 2 & 3					Negligible to Moderate		Negligible to Minor		
	Forested Area Adjacent to Fairways Quarters (Site II)	Priority 1, 2 & 3					Negligible to Minor		Negligible to Moderate		
	Windsor	Priority 1, 2 & 3					Negligible		Negligible		

Environmental Aspect	**Description of Receptor**		**Potential Activities Causing Impact**	**Minimum Controls** *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	**Significance of Potential Impact (assumes implementation of minimum controls)**			**Mitigation Measures**	**Significance of Residual Impact (with Mitigated Scenario)**	**Description of Monitoring Required**	**Close Up Actions**
	Receptor	**Value/ Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
Ground-borne Vibration	Eng Neo Avenue Forest	Priority 1, 2 & 3	•Compacting of concrete using the vibrator equipment •Piling works for the foundations of the building, ground improvements works and underpinning works •Vibratory piling works for the sheet piling •Tunnel boring using the TBM •Rock breaking and excavation •Heavy construction vehicles	·Equipment Selection and Maintenance. Associated with the rotary piling during the construction of the viaducts, facility buildings, cut and cover tunnel, at-grade ramp, plus the operation of the TBM. ·Works Scheduling and Respite Periods. ·Community Consultation. It is recommended that the surrounding community be notified before commencing any piling and TBM related works, as a matter of good community relations.	Ground-borne Vibration Level, PPV, mm/s	24 Hours	Negligible - Moderate	Optimise the worksite for smallest footprint within this area in vicinity of CCNR Schedule rock breaking and excavation activities during day time. Avoid rock breaking and excavation activities during peak bird breeding season from March to July. Restrict rock breaking to below vibration threshold of PPV, 8 mm/s. Use of tri-axle trucks to reduce truck trips on the road. Substitute rotary bore piling with secant bore piling to avoid works in the night, unless safety critical works are needed to be carried out. Prepare vibration monitoring plan in coordination with the fauna, noise, light specialist and obtain Authority's approval. If there are justified complaints from the construction works, particularly from the rock breaking and excavation works, piling works, tunnel boring and bulldozer, the operation may need to mitigate vibration levels to the most practical levels. Erect a temporary barrier (e.g. water barrier) on both sides of Island Club Road (total length 500m), when rock breaking and excavation occurs.	Negligible - Moderate	Before commencement of any construction works (including site clearance) •Continuous monitoring for at least 1 week within the first 6 months before commencement of any construction works. •This monitoring period is extendable if required by LTA and/or relevant authorities if the results of the first set is inconclusive. During Specific Stages in Construction Phase •Continuous monitoring at each proposed location for at least 1 week during these construction stages: i) Site Clearance stage; (ii) Rock Breaking and Excavation stage; (iii) Piling stage; and (iv) Tunnel Boring stage.	ECO, CT
	Forested Area Adjacent to Fairways Quarters (Site I)	Priority 1, 2 & 3								Before commencement of any construction works (including site clearance) •Continuous monitoring for at least 1 week within the first 6 months before commencement of any construction works. •This monitoring period is extendable if required by LTA and/or relevant authorities if the results of the first set is inconclusive. During Specific Stages in Construction Phase •Continuous monitoring at each proposed location for at least 1 week during these construction stages: i) Site Clearance stage; (ii) Rock Breaking and Excavation stage; (iii) Vibratory compactor and piling stage; and (iv) Tunnel Boring stage.	
	Forested Area Adjacent to Fairways Quarters (Site II)	Priority 1, 2 & 3								Before commencement of any construction works (including site clearance) •Continuous monitoring for at least 1 week within the first 6 months before commencement of any construction works. •This monitoring period is extendable if required by LTA and/or relevant authorities if the results of the first set is inconclusive. During Specific Stages in Construction Phase •Continuous monitoring at each proposed location for at least 1 week during these construction stages: i) Site Clearance stage; (ii) Rock Breaking and Excavation stage; (iii) Vibratory compactor and piling stage; and (iv) Tunnel Boring stage.	
	Windsor	Priority 1, 2 & 3					Moderate - Major		Minor - Moderate	Before commencement of any construction works (including site clearance), conduct eight (8) vibration (Triaxial with 3G remote communication) monitoring locations within Windsor: •Continuous monitoring for 6 months before commencement of any construction works. Conduct one (1) out of 8 vibration (Triaxial with 3G remote communication) monitoring locations near A1-W1 worksite: •Continuous monitoring at one (1) location in conjunction with continuous noise monitoring programme for the entire duration of construction period. •As part of the additional faunistic survey programme, biodiversity camera trap and light monitor will also be placed at this particular location during specific stages in construction phase to correlate camera trap sightings with vibration readings. Conduct seven (7) out of 8 vibration (Triaxial with 3G remote communication) monitoring locations within Windsor: During Specific Stages in Construction Phase •Continuous monitoring at seven (7) proposed location for at least in blocks of 3 months during these construction stages: (i) Site Clearance stage; (ii) Rock Breaking and Excavation stage; (iii) Piling stage; and (iv) Tunnel Boring stage. •Among these 7 locations, 6 vibration monitors will be placed in tandem with biodiversity camera traps to correlate camera trap sightings with vibration readings generated in heat/contour map, while 1 vibration monitor (without camera trap) will be placed at the immediate eastern boundary of the A1-W1 worksite to monitor the vibration levels to be within 8 mm/s. •This monitoring period is extendable if required by LTA and/or relevant authorities if the results of the first set is inconclusive. For all monitoring locations, during rock breaking and excavation daily measurements for over 15 days will be taken as part of the burrow collapse monitoring program. The soil content and vibration levels will be monitored in parallel to identify the threshold of 30% soil volume relative to control soil volume. The control site for the burrow collapse monitoring shall be set up 1 month prior to commencement of construction works.	

Environmental Aspect	**Description of Receptor**		**Potential Activities Causing Impact**	**Minimum Controls** *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	**Significance of Potential Impact (assumes implementation of minimum controls)**			**Mitigation Measures**	**Significance of Residual Impact (with Mitigated Scenario)**	**Description of Monitoring Required (Commissioning Phase)**	**Close Up Actions**
	Receptor	**Value/Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
Biodiversity	Windsor (Habitats)	Priority 1, 2 & 3	This commissioning phase is for EMMP purpose only, therefore the potential activities from operational phase (see **Table 3**) are generally applicable.	The minimum control measures from operational phase (see **Table 3**) are generally applicable, where relevant.	Flora and Fauna	No requirement	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	The mitigation measures from operational phase (see **Table 3**) are generally applicable, where relevant.	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	**Fauna** • Execute vibration monitoring commissioning phase data collection. Location and details to refer to EIS Report Section 12.2.3.3.5. • Conduct regular fauna and flora inspections in the initial operational phase (6 months monitoring with an option extending to another 6 months if results are inconclusive) to ensure that proposed planting/mitigating measures are effective and to identify any impacts to the adjacent forest areas.	CT, EM/ECO, Ecologist
	Eng Neo Avenue Forest (Habitats)	Priority 1, 2 & 3									
	Forested Area Adjacent to Fairways Quarters (Habitats)	Priority 1, 2 & 3									
	Windsor (Floral Species)	Priority 1, 2 & 3									
	Eng Neo Avenue Forest (Floral Species)	Priority 1, 2 & 3									
	Forested Area Adjacent to Fairways Quarters (Floral Species)	Priority 1, 2 & 3									
	Windsor (Faunal Species)	Priority 1, 2 & 3									
	Eng Neo Avenue Forest (Faunal Species)	Priority 1, 2 & 3									
	Forested Area Adjacent to Fairways Quarters (Faunal Species)	Priority 1, 2 & 3									
Hydrology and Surface Water Quality	D/S9	Priority 1	This commissioning phase is for EMMP purpose only, therefore the potential activities from operational phase (see **Table 3**) are generally applicable.	The minimum control measures from operational phase (see **Table 3**) are generally applicable, where relevant.	Water Quality - parameters listed in NEA's Allowable Limits for Trade Effluent Discharge for all discharge points; parameter listed in Water Quality Criteria for Aquatic Life for sensitive streams (i.e. D/S13 and D/S16) Existing drain/stream capacity, baseflow	No requirement	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	The mitigation measures from operational phase (see **Table 3**) are generally applicable, where relevant.	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	Monthly monitoring for all the in-situ parameters (i.e. temperature, pH, conductivity, total dissolved solids, turbidity, total suspended solids and dissolved oxygen) at the main outlets/drains of the project site and the sensitive streams D/S13 and D/S16 in the vicinity of proposed project during the first three (3) months of commissioning phase; Monthly monitoring for all the ex-situ parameters (i.e. biochemical oxygen demand, chemical oxygen demand, total nitrogen, nitrate, total phosphorus, orthophosphate and enterococcus) at the main outlets/drains of the project site and the sensitive streams D/S13 and D/S16 in the vicinity of proposed project during the first three (3) months of the commissioning phase; Drainage system within the site and at immediate vicinity should be inspected especially during heavy storm event to ensure no flooding. Monthly audit on the site should be carried out by EMMP consultant during the first three (3) months of commissioning phase.	CT, EM/ECO
	D/S10	Priority 1									
	D/S11	Priority 1									
	D/S14	Priority 1									
	D/S15	Priority 1									
	D/S16	Priority 1									
	D/S13	Priority 1									
	Roadside drains in the vicinity of Worksites at Peirce Secondary School and CR13	Priority 1									

Environmental Aspect	**Description of Receptor**		**Potential Activities Causing Impact**	**Minimum Controls** *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	**Significance of Potential Impact (assumes implementation of minimum controls)**			**Mitigation Measures**	**Significance of Residual Impact (with Mitigated Scenario)**	**Description of Monitoring Required (Commissioning Phase)**	**Close Up Actions**
	Receptor	**Value/Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
Soil and Groundwater & Waste	Soil and Groundwater within the Project Site	Priority 3	This commissioning phase is for EMMP purpose only, therefore the potential activities from operational phase (see **Table 3**) are generally applicable.	The minimum control measures from operational phase (see **Table 3**) are generally applicable, where relevant.	Toxic Chemical Waste Generation During Maintenance Work and Improper Handling of Hazardous Chemicals/ Substances	Not applicable	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	The mitigation measures from operational phase (see **Table 3**) are generally applicable, where relevant.	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	At locations within the project site where toxic chemical waste are stored - Records on chemical waste from the waste generator should be properly kept and records produced when requested during first three (3) months of commissioning phase At locations within the project site where hazardous chemicals/ substances are used/ stored - Inspection of hazardous chemicals/ substances storage condition during first three (3) months of commissioning phase	CT, EM/ECO
	Streams with biodiversity conservation significance where groundwater flow partially supporting the stream ingress from the operational footprints	Priority 2									
Air Quality	Eng Neo Avenue Forest	Priority 1	This commissioning phase is for EMMP purpose only, therefore the potential activities from operational phase (see **Table 3**) are generally applicable.	The minimum control measures from operational phase (see **Table 3**) are generally applicable, where relevant.	Gaseous (NO_2 and CO) and Particulate emissions (PM10 and $PM_{2.5}$)	Not applicable	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	The mitigation measures from operational phase (see **Table 3**) are generally applicable, where relevant.	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	N/A	CT, EM/ECO
	Forested Area Adjacent to Fairways Quarters (Site I, II)										
	Windsor										
Airborne Noise	Eng Neo Avenue Forest, Forested Area Adjacent to Fairways Quarters (Site I and Site II)	Priority 1, 2 & 3	This commissioning phase is for EMMP purpose only, therefore the potential activities from operational phase (see Table 3) are generally applicable.	The minimum control measures from operational phase (see **Table 3**) are generally applicable, where relevant.	Leq 5 min and Leq 1hr, Leq 15 min	Not applicable	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	The mitigation measures from operational phase (see **Table 3**) are generally applicable, where relevant.	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	Not required	CT, EM/ECO
	Windsor	Priority 1, 2 & 3			Leq 5 min and Leq 1hr					•Seven (7) noise monitoring locations at the boundary of Windsor •Continuous monitoring for six (6) months of the commissioning phase, in tandem with biodiversity camera traps and/or ground-borne vibration monitoring locations	
					Leq 15 min					•Two (2) noise monitoring locations at north and south of the circular boundary of FB4 (facility building at A1-W1) •Continuous monitoring for one (1) day (24 hours) within the commissioning phase, as per NEA's Technical Guideline on Boundary Noise Limits for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Building	
Ground-borne Vibration	Eng Neo Avenue Forest	Priority 1, 2 & 3	This commissioning phase is for EMMP purpose only, therefore the potential activities from operational phase (see **Table 3**) are generally applicable.	The minimum control measures from operational phase (see **Table 3**) are generally applicable, where relevant.	Ground-borne Vibration Level, PPV, mm/s	Not applicable	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	The mitigation measures from operational phase (see **Table 3**) are generally applicable, where relevant.	This commissioning phase is for EMMP purpose only, therefore the impact significance from operational phase (see **Table 3**) is generally applicable.	Not required	CT, EM/ECO
	Windsor	Priority 1, 2 & 3								Ground-borne vibration (PPV, mm/s) to be conducted at the following receptors continuously: •:Seven (7) vibration monitoring locations at Windsor, in tandem with biodiversity camera traps and one (1) location at the edge of A1-W1 to monitor the PPV within 8 mm/s •Continuous monitoring for at least the six (6) months of the commissioning phase in tandem with biodiversity and noise monitoring teams •This is extendable to further 6 months if required by the LTA and/or relevant authorities if the results of the first set is inconclusive	

Environmental Aspect	**Description of Receptor**		**Potential Activities Causing Impact**	**Minimum Controls** *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	**Significance of Potential Impact (assumes implementation of minimum controls)**			**Mitigation Measures**	**Significance of Residual Impact (with Mitigated Scenario)**	**Description of Monitoring Required**	**Close Up Actions**
	Receptor	**Value/Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
Biodiversity	Windsor (Habitats)	Priority 1, 2 & 3	Habitat degradation Change in species composition	•The maintenance of the system should happen during engineering (0100h to 0400h) and non-engineering hours (operational hours of train line, 0600h to 2300h). •As much as possible, systems that are crucial to daily operational basis will be carried out during non-engineering hours, while electrical services and signalling will be done during engineering hours except at the unlikely event of urgent work required due to failure in mainline.	Flora and Fauna	No requirement	Negligible to Moderate	**Design Phase (General)** • Optimisation and shift in worksite. **Design Phase (specific to Windsor)** • Design to allow for greening up building structures in the operational phase as facility building in close proximity to existing forest. By doing so, it might reduce changes in species composition and/or enhance biodiversity. • Substitute certain aspects of the facility building design with bird-friendly building design to reduce risk of bird collision. **Operational Phase** • Plant more trees along the edge of the forest to serve as a natural barrier to light, noise and dust. • Areas not used should be returned to earth ground and replanted if possible. As a general guide, 400 trees should be replanted for every hectare to be reinstated. Specifically at Windsor, reforestation should be recommended.	Negligible to Minor	N/A	N/A
	Eng Neo Avenue Forest (Habitats)	Priority 1, 2 & 3					Minor		Negligible		
	Forested Area Adjacent to Fairways Quarters (Habitats)	Priority 1, 2 & 3					Negligible to Minor		Negligible to Minor		
	Windsor (Floral Species)	Priority 1, 2 & 3	Mortality Competition from exotic plant species				Negligible to Moderate		Negligible to Minor		
	Eng Neo Avenue Forest (Floral Species)	Priority 1, 2 & 3					Negligible to Moderate		Negligible		
	Forested Area Adjacent to Fairways Quarters (Floral Species)	Priority 1, 2 & 3					Negligible to Minor		Minor		
	Windsor (Faunal Species)	Priority 1, 2 & 3	Collision with buildings (birds only) Injury or mortality				Negligible to Moderate		Negligible to Minor		
	Eng Neo Avenue Forest (Faunal Species)	Priority 1, 2 & 3	Loss of ecological connectivity for faunal movement				Negligible		Negligible		
	Forested Area Adjacent to Fairways Quarters (Faunal Species)	Priority 1, 2 & 3					Negligible to Minor		Negligible to Minor		
Hydrology and Surface Water Quality	D/S9	Priority 1	Stormwater runoff on hydrology	- Potential increase of peak-flow due to the change in the land use at the new developments can be mitigated by providing detention tanks within the Study Area. Detention tanks can capture stormwater during heavy storm events to reduce the peak runoff. Stored water can then be discharged back to the system after the storm event. As required by PUB, the storage system needs to be in place to reduce the peak flow at the operational phase to be the same or less than that of the existing condition; - Active, Beautiful, Clean Water (ABC) Water Design approach can be considered to reduce the peak-flow as well; and - Geotechnical aspect of the site's slope stability (such as ERSS) shall be included in detailed design engineering for the operational stage.	Hydrology - Existing drain/stream capacity, baseflow	No requirement	Negligible	Not applicable	N/A	N/A	N/A
	D/S10	Priority 1					Moderate	Shift facility building A1-W2 out from Eng Neo Avenue Forest during operational phase	Minor		
	D/S11	Priority 1					Moderate	Shift facility building A1-W2 out from Eng Neo Avenue Forest during operational phase	Minor		
	D/S14	Priority 1					Moderate	Shift facility building A1-W2 out from Eng Neo Avenue Forest during operational phase	Minor		
	D/S15	Priority 1					Negligible	Not applicable	N/A		
	D/S16	Priority 1					Negligible	Not applicable	N/A		
	D/S13	Priority 1					Minor	Not applicable	N/A		
	Roadside drains in the vicinity of Worksites at Peirce Secondary School and CR13	Priority 1					N/A	Not applicable	N/A		
	D/S9	Priority 1	Stormwater runoff on water quality	- Adequate drainage, piping and/or channelling of stormwater runoff to be assured through detailed design [such as Active, Beautiful, Clean Water (ABC) Water Design approach] for capture and treatment before discharge into watercourses; - Regular and dedicated procedures for the inspection and maintenance of stormwater collection, storage, and treatment infrastructure, such as pipes, oil water separation, silt screens, etc.; and - Regular and dedicated procedures for the management of stormwater collection, settling, testing and eventual discharge of 'clean' water to watercourses.	Water Quality - parameters listed in NEA's Allowable Limits for Trade Effluent Discharge for all discharge points; parameter listed in Water Quality Criteria for Aquatic Life for natural streams D/S13 and D/S16.		Negligible	Not applicable	N/A		
	D/S10	Priority 1					Minor	Not applicable	N/A		
	D/S11	Priority 1					Minor	Not applicable	N/A		
	D/S14	Priority 1					Minor	Not applicable	N/A		
	D/S15	Priority 1					Negligible	Not applicable	N/A		
	D/S16	Priority 1					Negligible	Not applicable	N/A		
	D/S13	Priority 1					Minor	Not applicable	N/A		
	Roadside drains in the vicinity of Worksites at Peirce Secondary School and CR13	Priority 1					N/A	Not applicable	N/A		

Environmental Aspect	**Description of Receptor**		**Potential Activities Causing Impact**	**Minimum Controls** *(Good practices in addition to LTA's General Safety, Health and Environmental specifications)*	**Significance of Potential Impact (assumes implementation of minimum controls)**			**Mitigation Measures**	**Significance of Residual Impact (with Mitigated Scenario)**	**Description of Monitoring Required**	**Close Up Actions**
	Receptor	**Value/Sensitivity**			**Specific Parameter** *(e.g. Leq 12 hrs/ Leq 1 hr, CO, NO2, PM10, TSS etc)*	**Time Zone** *(E.g. Morning / evening/ night)*	**Impact Significance (with Base Scenario)**				
Soil and Groundwater & Waste	Soil and Groundwater within the Project Site	Priority 3	• Maintenance works on the alignment, stations and facility buildings	• Store all toxic chemical waste at designated sheltered area provided with access-controlled entrance and concrete bund walls or in storage containers with good ventilation. Spill trays shall be provided for all chemical drum and potentially pollutive substances. Spill trays shall be regularly maintained to prevent rain from washing out the pollutive substances. • Dispose all toxic waste chemicals to licensed TIW collectors for treatment • Store all hazardous substances/chemicals at designated sheltered area provided with access-controlled entrance and concrete bund walls or in storage containers with good ventilation. • Spill trays shall be provided for all chemical drums, plants and machinery and potential pollutive substances used on site. Spill trays shall be regularly maintained to prevent rain from washing out the pollutive substances. • Ensure all hazardous chemicals/substances are labelled its movement is recorded and returned to the designated storage areas when not in use. • Ensure all activities including repair, servicing, engine overhaul works, etc. involving the use of hazardous chemicals/substances are carried out on an area which is appropriately contained (e.g. concreted area and with proper containment/sumps). • Provide emergency spill kits on site in the event of any chemical spillages. The emergency response team shall also be competent in the use of these spill kits. • Ensure no trade effluent other than that of a nature or type approved by NEA Director-General shall be discharged into any watercourse or land.	Toxic Chemical Waste Generation During Maintenance Work and Improper Handling of Hazardous Chemicals/ Substances	Not applicable	Minor	No additional mitigation measures are proposed beyond minimum controls	N/A	N/A	N/A
	Streams with biodiversity conservation significance where groundwater flow partially supporting the stream ingress from the construction worksites and operational footprints	Priority 2									
Air Quality	Eng Neo Avenue Forest	Priority 1	During operational phase, since the trains are powered by electricity, they do not emit air emissions as a direct impact to environment through the facility buildings. Gaseous and particulate emissions from vehicle exhaust due to the increased traffic in vicinity of the Project due to Project operation.	No minimum control has been assumed for the purpose of air quality impact assessment during operational phase.	Gaseous (NO_2 and CO) and Particulate emissions (PM10 and $PM_{2.5}$)	24/7 throughout project lifetime	Minor	No mitigation measures are required during operational phase as only Minor air quality impact significance is expected during project operational phase.	N/A	N/A	N/A
	Forested Area Adjacent to Fairways Quarters (Site I, II)										
	Windsor										
Airborne Noise	Eng Neo Avenue Forest, Forested Area Adjacent to Fairways Quarters (Site I and Site II)	Priority 1, 2 & 3	Traffic noise due to increase in vehicular volume due to the development of the project and air-conditioning and mechanical ventilation noise from services at the facility building.	•Use low air-conditioning and mechanical ventilation system equipment; •Ensure that any exhaust outlet or intake from the mechanical ventilation system is designed to be adequately set back as far as possible from the boundary line of the development; •Acoustic treatment if any to be designed and implemented; •AC system to be designed with the AHU units placed at appropriate locations as set back from the boundary line of the development as possible; and •Acoustic enclosures for outdoor equipment.	Leq 15 min	Records on noise levels of boundary noise during first three (3) months of the operational period	Negligible to Minor	•Noise attenuators and other BAT and BEP noise control measures shall be utilised •Traffic noise at the drop-off points and parking areas shall be mitigated with low speed postings, humps and signage	NA	N/A	N/A
	Windsor	Priority 1, 2 & 3									
Ground-borne Vibration	Eng Neo Avenue Forest	Priority 1, 2 & 3	Operation of the CRL alignment and traffic in the Study Area. Train induced vibration is mainly caused by the roughness of the wheel and rail. Vibration from operating trains is also dependent on the resonance frequencies of the train suspension system and track support system. These mechanical systems have resonances that results in increased vibration response. Traffic vibration is mainly due to heavy vehicles passing at relatively high speed on a road with an uneven surface profile. Interaction between wheels and road surface causes a dynamic excitation which generates waves propagating in the soil and to nearby sensitive receptors.	No minimum control has been assumed for the purpose of traffic induced vibration. Minimum controls for operation of trains: • Train, track and tunnel design; • Maintenance of vertical track alignment at the relevant longitudinal wavelengths; • Maintenance of roughness of the rail head and wheel thread at the relevant longitudinal and circumferential wavelengths, respectively; and • Maintenance of resilient elements in track construction, e.g. rail pads, high attenuation fasteners. • Maintenance of rail joints, switches and crossings.	Ground-borne Vibration Level, PPV, mm/s	24 hours for first three (3) months of the initially operational phase	Minor	• General maintenance of the railway track and minimizing of wheel defects.	N/A	N/A	N/A
	Windsor	Priority 1, 2 & 3									

Table 4
Classification of Receptor Sensitivity

Environmental Parameter	Receptor Sensitivity		
	Priority 1	**Priority 2**	**Priority 3**
Biodiversity	Flora, fauna species and habitats of high ecological value (i.e., presence of conservation significant flora, fauna species and habitats; trees of conservation significance and NParks-designated heritage trees).	Flora, fauna species and habitats of moderate ecological value (i.e., mainly native species of flora, fauna and habitats).	Flora, fauna species and habitats of low ecological value (i.e., mainly exotic or cryptogenic flora, fauna and habitats; managed vegetation which can provide crucial habitat for significant species).
Surface Water Quality	Surface watercourses protected and used for drinking supply[1], or supporting ecosystems of biodiversity conservation significance in consultant with Biodiversity specialist after surveys[2].	Surface watercourses used for industrial water supply or for recreational purposes, but not used for drinking water purposes and which do not support ecosystems of biodiversity conservation significance in consultant with Biodiversity specialist after surveys.	Surface watercourses not used for any purposes and not protected.
Soil and Groundwater Quality	Groundwater is sensitive (i.e. used for agricultural / irrigation / drinking water purposes or supports ecosystems of biodiversity conservation significance).	Groundwater may be extracted for industrial purpose but not used for agricultural / irrigation / drinking water purposes. Groundwater partially supporting ecosystems of biodiversity conservation significance.	Not sensitive groundwater (i.e. not extracted for any purpose or does not support any ecosystems of biodiversity conservation significance).
Air Quality	Flora, Fauna Species and Habitats of High Ecological Value within 20 m of construction worksite area	Flora, Fauna Species and Habitats of High Ecological Value within 20 m to 50m of construction worksite area. Ecological sites having known sensitive communities within 20 m of construction worksite area.	Ecological sites having known sensitive communities within 20 m to 50 m of construction worksite area Any other ecological sites within the Study Area of 50 m.
Airborne Noise[3]	Species that use sound for communication, foraging and breeding or are known to have their behaviours disrupted by sound or are of Conservation Significance.	Species that are less affected by airborne noise but are of Conservation Significance.	Species that are less affected by airborne noise and are not of Conservation Significance.
Ground-borne Vibration[4, 5] **(excluding Ground-borne Noise as it is only applicable inside building)**	Fauna species and habitats of high sensitivity towards ground-borne vibration and are of Conservation Significance. Species that inhabit the ground or aquatic environments and live in burrows and/or caves will be more badly impacted by anthropogenic vibrations.	Fauna species and habitats that are less affected by ground-borne vibration and are of Conservation Significance.	Fauna species and habitats that are less affected by ground-borne vibration and are not of Conservation Significance.

[1] Waterbody usage will be determined based on the PUB Water Catchment Map.

[2] The receptor sensitivity of surface watercourses will be determined based on the biodiversity baseline survey results which will identify whether such surface watercourses are supporting ecosystems of biodiversity conservation significance.

[3] The fact is that different species are likely to react differently to disturbance and that will be influenced by various other factors such as how percussive the noise is (e.g. from rock breaking and excavation and piling), how far away the receptor is generally, behaviour of the fauna, and other factors such as whether the species is feeding or breeding/nesting and in particular from the complication of visual disturbance (particularly humans on foot nearby).

[4] The prioritisation of the fauna receptors is in the order of low, moderate or high sensitivity (Priority 3 to 1) has been broadly given at this stage in Inception report and will be refined in EIS based on the available data/ publication and biodiversity specialist's perception of species' (of conservation interest) sensitivity to ground-borne noise and vibration levels. The exposure limit based on behaviour of the species will be taken into account in this case.

[5] For ground-borne vibration, urban areas such as houses and existing roads are not assessed and are termed "Not Assessible".

Table 5 - Determine Impact Intensity

Environmental Parameters	Impact Intensity			
	Negligible Intensity	**Low Intensity**	**Medium Intensity**	**High Intensity**
Biodiversity (Construction and Operation) – Habitats	Potential impacts with no detectable changes to viability/function of habitats.	Potential impacts with • Small temporal and spatial (localised) scale changes that affects part of the habitat, such that there is no loss of viability/function of habitat • Changes that are reversible	Potential impacts with • Moderate duration and/or over a considerable spatial scale changes that affects part of the habit but does not threaten the long-term viability/function of the habitat • Changes that are reversible with significant input and mitigation measures	Potential impacts with • Extensive duration and large spatial scale that affects the entire habitat, or a significant proportion of it, and the long-term viability/function of the habitat is threatened • Changes that are non-reversible
Biodiversity (Construction and Operation) – Flora and Fauna	No expected changes to species population	•Short duration and small-scale localised spatial changes that could cause minimal changes to species population •Changes are reversible	•Moderate duration and medium-scale spatial changes that could cause moderate reduction in size of species population, but would not threaten species long-term viability •Changes are reversible with mitigation measures	•Extended duration and large-scale spatial changes that could cause substantial reduction in size of species population and threaten species long-term viability •Changes are irreversible
Hydrology (Construction and Operation)	Very minor change to existing hydrology and flow.	Small scale localised changes to existing hydrology or flow.	Medium scale changes to existing hydrology or peak flow.	Major changes to existing hydrology or peak flow.
Surface Water Quality (Construction and Operation)	No contamination; or Likely to be well within regulatory limits.	Small scale localised contamination within regulatory limits.	Medium scale contamination or just exceed regulatory limits.	Large scale contamination exceed regulatory limits by hazardous levels for the habitat/ conservation species.
Soil, Groundwater (Construction and Operation)	None of the construction activities identified will cause contamination on site.	Small scale localised contamination which is not likely to extend beyond the construction worksite areas and possible to remediate.	Medium scale contamination which is likely to extend beyond the construction worksite areas but possible to remediate within the construction period timeframe.	Large scale contamination which is likely to extend beyond the construction worksite areas and may require large scale remediation.
Air Quality (Construction Phase) [1]	-	For Earthworks: • Total site area <2 ,500 m^2 • Soil type with large grain size (e.g. sand) • <5 heavy earth moving vehicles active at any one time • Formation of bunds <4 m in height • Total material moved <20,000t • Earthworks during wetter months	For Earthworks: • Total site area 2,500 m^3 – 10,000 m^3 • Moderately dusty soil type (e.g. silt) • 5-10 heavy earth moving vehicles active at any one time • Formation of bunds 4 m - 8 m in height • Total material moved 20,000-100,000t	For Earthworks: • Total site area >10,000 m^2 • Potentially dusty soil type (e.g. clay, which will be prone to suspension when dry due to small particle size) • >10 heavy earth moving vehicles active at any one time • Formation of bunds >8 m in height • Total material moved >100,000t
	-	For Construction: • Total building volume <25,000 m^3 • Construction material with low potential for dust release (e.g. metal cladding or timber)	For Construction: • Total building volume 25,000-100,000 m^3 • Potentially dusty construction material (e.g. concrete) • On-site concrete batching	For Construction: • Total building volume >100,000 m^3 • On-site concrete batching • sandblasting
	-	For Trackout: • <10 HDV [2] (>3.5t) outward movements in any one day • Surface material with low potential for dust release • Unpaved road length <50 m	For Trackout: • 10-50 HDV [2] (>3.5t) outward movements in any one day • Moderately dusty surface material (e.g. high clay content) • Unpaved road length 50-100 m	For Trackout: • >50 HDV [2] (>3.5t) outward movements in any one day • Potentially dusty surface material (e.g. high clay content) • Unpaved road length >100 m
	-	For Demolition: • Total building volume <20,000 m^3 • Construction material with low potential for dust release (e.g. metal cladding or timber) • Demolition activities <10m above ground • Demolition during wetter months	For Demolition: • Total building 20,000 – 50,000 m^3 • Potentially dusty construction material • Demolition activities 10-20 m above ground level	For Demolition: • Total building >50,000 m^3 • Potentially dusty construction material (e.g. concrete) • On-site crushing and screening • Demolition activities >20m above ground level
Air Quality (Operational Phase)	Insignificant increase in air quality levels in the vicinity of stations due to Project operation.	Small scale increase in air quality levels in the vicinity of stations due to Project operation.	Medium scale increase in air quality levels in the vicinity of stations due to Project operation.	Large scale increase in air quality levels in the vicinity of stations due to Project operation.
Airborne Noise (Construction and Operation)	No detectable change to flora, fauna and habitats. Predicted noise level at receptors are within the corrected baseline criteria. For A1-W1 Worksite, predicted noise levels at receptors are below the baseline noise (no correction applied here).	Potential impacts last a short duration, are reversible and/or of a small magnitude for species with low auditory sensitivity level. Predicted noise level exceeds the corrected baseline criteria of up to 3 dB(A).	Potential impacts last for a moderate duration, are reversible with significant input and compensatory measures, and/or of a moderate magnitude for species with auditory sensitivity level. Predicted noise level exceeds the corrected baseline criteria of up to 4 - 6 dB(A).	Potential impacts last for a long time, are non-reversible, and/or of a significant magnitude for species with high auditory sensitivity level. Predicted noise level exceeds the corrected baseline criteria of more than 6 dB(A).
Airborne Noise (Air Overpressure from rock breaking and excavation)	The predicted noise levels are equal or lower than 120 dB.	The predicted noise levels are between 121 to 149 dB.	The predicted noise levels are between 150 to 179 dB.	The predicted noise levels are equal or higher than 180 dB.
Ground-borne Vibration (Structural (Construction) and Behavioural (Construction and Operation)[3,4]	See Note 5 below			

[1] This impact intensity criterion is equivalent to the Emission Magnitude as defined in IAQM's Guidance.

[2] Heavy duty vehicles (HDV) defined as vehicles with a gross weight greater than 3.5 tonnes.

[3] The intensity assessment is a multi-prong approach for structural (intensity-based) or behavioural impacts (no worse off than baseline but based on intensity and home range of fauna in a matrix approach)

[4] A threshold of 5 mm/s was used for screening out those activities which will be assessed for structural impact in this study. A criterion of 8 mm/s PPV has been adopted (equivalent to 80% of 10 mm/s PPV) to prevent damage to burrows.

[5] For ground-borne vibration, structural and behavioural assessments are matrix-based. See Figure 1 in Annex 4.

Table 6 - Determine Consequence of Impacts (General)

		Receptor Sensitivity		
		Priority 3	**Priority 2**	**Priority 1**
Impact Intensity	**Negligible**	Imperceptible	Imperceptible	Very Low
	Low	Very Low	Very Low	Low
	Medium	Very Low	Low	Medium
	High	Low	Medium	High

Table 7 - Determine Likelihood of Impacts

Likelihood Criteria	Definition	Definition for Quantitative Evaluation (Construction & Operational)
Unlikely/ Remote*	Would be unlikely or remotely expected to occur during construction and operational phases.	When the frequency of exposure to vibration impacts for fauna is < 5% during the construction or operation phase.
Less Likely/ Rare*	Would less likely/ rarely occur during construction and operational phases.	When the frequency of exposure to vibration impacts for fauna is 5 - 15% during the construction or operation phase.
Possible/ Occasional*	Would possibly/ occasionally occur during construction and operational phases.	When the frequency of exposure to vibration impacts for fauna is 16 - 25% during the construction or operation phase.
Likely/ Regular*	Would likely to occur or would occur on a regular basis during construction and operational phases.	When the frequency of exposure to vibration impacts for fauna is 26 - 50% during the construction or operation phase.
Certain/ Continuous*	Would be certain to occur or would occur continuously during construction and operational phases.	When the frequency of exposure to vibration impacts for fauna is > 50% during the construction or operation phase.

Note:
* The second term (i.e. remote, rare, occasional, regular, continuous) is not applicable to noise/ground-borne vibration.
References:
1.Ecological Impact Assessment (EcIA). EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems. 2nd Edition. May 2018.
2.CIEEM (2018). Guidelines for ecological impact assessment in the UK and Ireland: Terrestrial, Freshwater and Coastal. September 2018.

Table 8 - Determine Impact Significance (General)

		Consequence				
		Imperceptible	**Very Low**	**Low**	**Medium**	**High**
Likelihood	**Unlikely/ Remote**	Negligible	Negligible	Negligible	Negligible	Negligible
	Less Likely/ Rare	Negligible	Negligible	Minor	Minor	Minor
	Possible/ Occasional	Negligible	Minor	Minor	Moderate	Moderate
	Likely/ Regular	Negligible	Minor	Moderate	Moderate	Major
	Certain/ Continuous	Negligible	Minor	Moderate	Major	Major

Table 9 - Definition of Final Impact Significance Level

Impact Significance Levels	Definitions
Negligible	Impacts are indistinguishable from the existing baseline environmental conditions, or non-noticeable by the receptor/ habitat as a change. A negligible impact is unlikely to pose concern to the government, communities and organisations.
Minor	Impacts of low magnitude, shorter term, reversible. Minor impacts are usually within accepted limits/standards provided with minimum controls or best practices, and is unlikely to pose concern to the government, communities and organisations.
Moderate	Impacts of medium magnitude, longer term, but reversible. Moderate impacts are manageable within accepted limits/standards after consideration of suitable mitigation measures or can be reduced to a level that is as low as reasonably practicable.
Major	Impacts of high magnitude, exceeds limits/standards, permanent and non-reversible. Major impacts should seek alternatives in design/ location etc. and/ or mitigation measures to avoid/compensate and/or reduce major impacts to as low as reasonably practicable.

Figure 1 - Ground-borne Vibration Impact Intensity Matrix for Construction and Operational Vibration

Area Affected (ha)	Impact Intensity				
6 < area	Negligible	Low	Medium	High	High
4.8 < area ≤ 6	Negligible	Low	Medium	Medium	High
2.4 < area ≤ 4.8	Negligible	Low	Low	Medium	High
1.2 < area ≤ 2.4	Negligible	Neglible	Low	Medium	Medium
0 < area ≤ 1.2	Negligible	Negligible	Low	Medium	Medium
Ambient Level	**Ambient to T1**	**T1 to T2**	**T2 to T3**	**T3 to T4**	**> T4**

Figure 2 - Screening and disposal of excavated soils

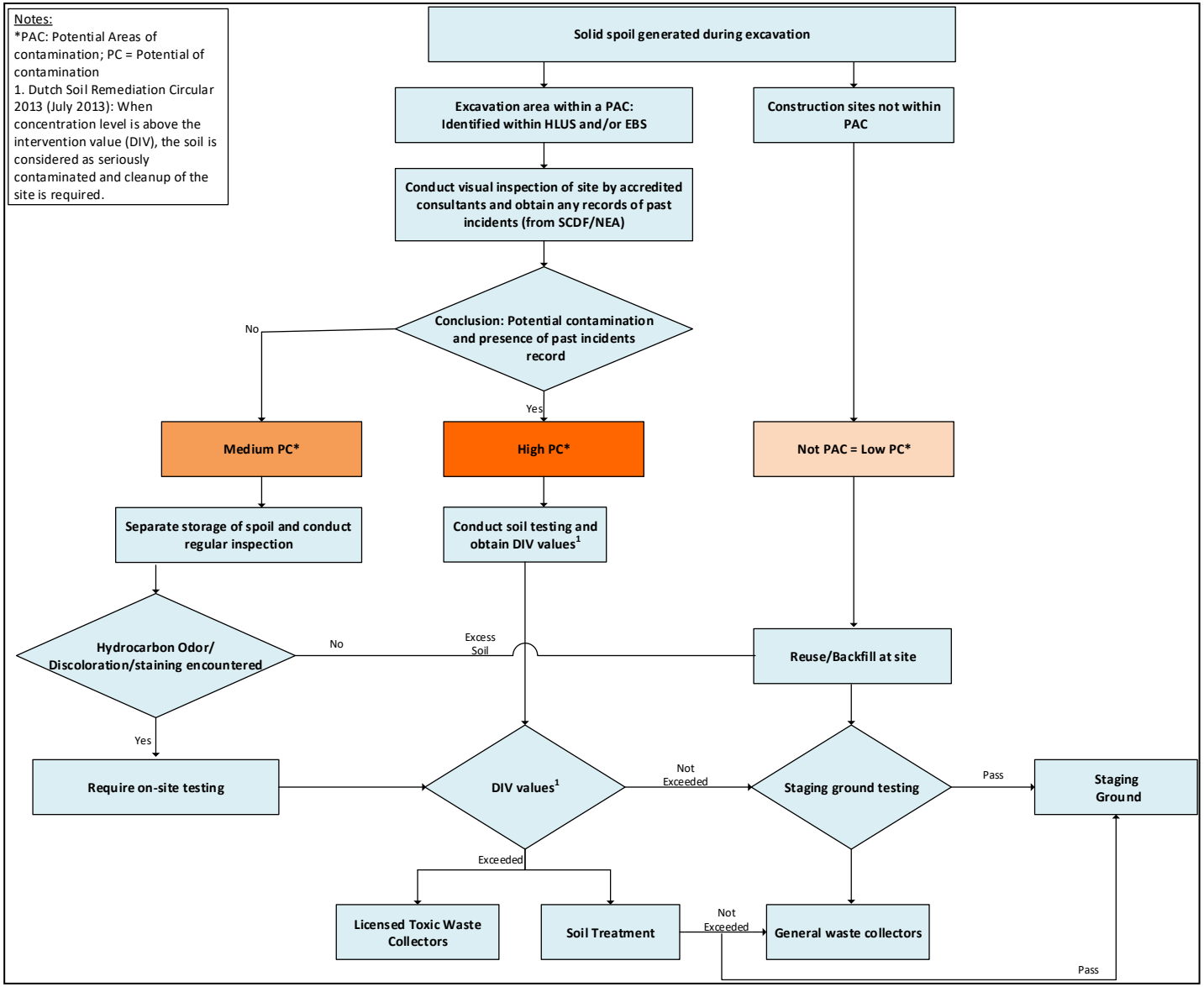
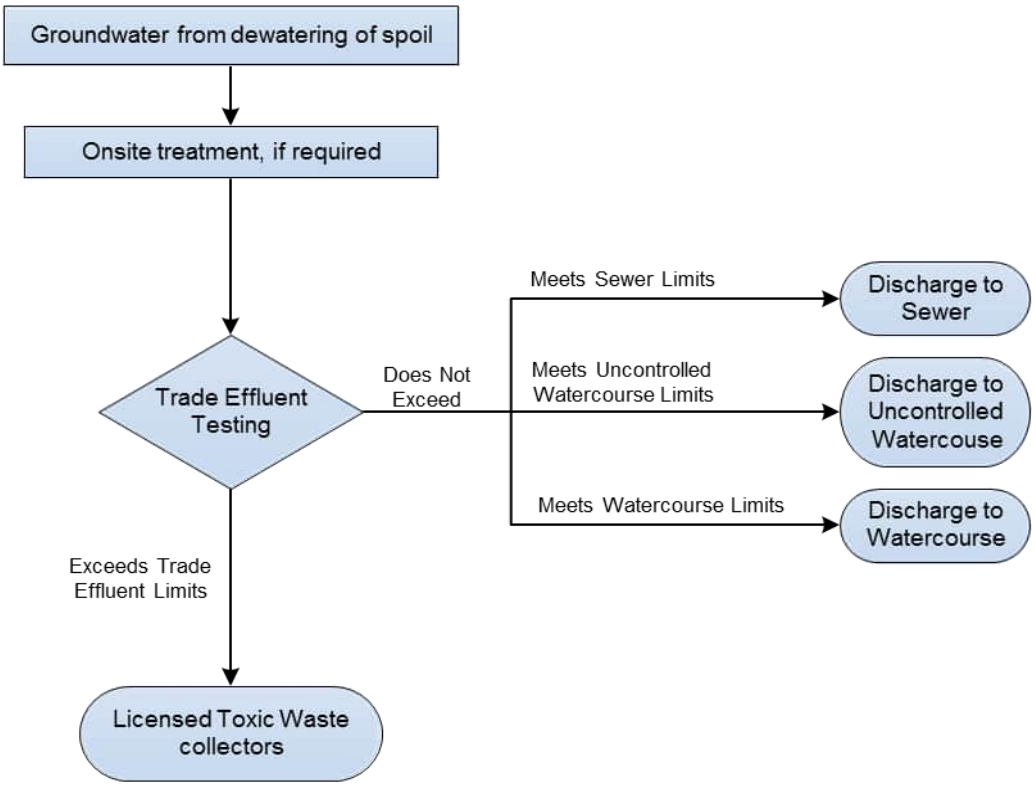


Figure 3 - Disposal of the groundwater generated through soil dewatering



Appendix B

Definition of Each Impact Type's Impact Significance (Biodiversity)

Potential Ecological Impact	Major	Moderate	Minor
Habitats			
Loss of vegetation/habitat	A major impact constitutes either of the following: – Loss of >40% of original habitat – Retention of <60% of original habitat	A moderate impact constitutes either of the following: – Loss of 10–40% of original habitat – Retention of >60% of original habitat	A minor impact constitutes either of the following: – Loss of <10% of original habitat – Retention of >90% of original habitat
Habitat degradation	A major impact constitutes either of the following: – Obvious signs of degradation (erosion, presence of invasive species and changes in microclimatic conditions) – Major impact to hydrology – Impacts a habitat of high sensitivity – Effective habitat area significantly reduced	A moderate impact constitutes either of the following: – Some signs of degradations (erosion, presence of invasive species and changes in microclimatic conditions) – Moderate impact to hydrology – Impacts a habitat of moderate sensitivity – Effective habitat area partially reduced	A minor impact constitutes either of the following: – Imperceptible signs of degradation (erosion, presence of invasive species and changes in microclimatic conditions) – Minor impact to hydrology – Impacts a habitat of low sensitivity or ecological value – Effective habitat area minimally reduced
Change in species composition	– Habitat type transitions to one of poorer ecological value	– Habitat type remains unchanged but habitat condition declined	– Habitat type and condition remain unchanged
Plant Species			
Mortality	More than 50% of all plant specimens of this species are within the Phase 3 boundary	30–50% of all plant specimens of this species are within the Phase 3 boundary	Less than 30% of all plant specimens of this species are within the Phase 3 boundary (construction phase)
Impediment to seedling recruitment			
Competition from exotic plant species	More than 50% of all plant specimens of this species are within 30 m from the Phase 3 boundary	30–50% of all plant specimens of this species are within 30 m from the Phase 3 boundary	Less than 30% of all plant specimens of this species are within 30 m from the Phase 3 boundary
Decline in plant health and survival			
Faunal Species			
Loss of/reduction in habitats and food sources	A major impact constitutes either of the following: – Loss of >40% of original habitat – Retention of <60% of original habitat	A moderate impact constitutes either of the following: – Loss of 10–40% of original habitat – Retention of >60% of original habitat	A minor impact constitutes either of the following: – Loss of <10% of original habitat – Retention of >90% of original habitat

Potential Ecological Impact	Major	Moderate	Minor
Injury or mortality	Species with high susceptibility to collisions with vehicles: – All birds, including migratory species – All amphibians – All reptiles – Mammals: long-tailed macaque, wild pig, Sunda pangolin, leopard cats – Has small population size	Species that are mobile but possibly susceptible to injury/mortality: – Amphibious aquatic species – All amphibians – Mammals: squirrels, shrews – Possibly susceptible to roadkills	Species with low susceptibility to injury/mortality: – Volant species (e.g., odonates, butterflies, birds and bats) – Low susceptibility to roadkills
Loss of connectivity	A major impact is applicable for species with either of the following characteristics: – Highly dependent on connected and forested habitats for dispersal (i.e. low dispersal ability) – Susceptible to roadkills – Has large home range	A moderate impact is applicable for species with either of the following characteristics: – Dependent on connected and forested habitats for dispersal (i.e. intermediate dispersal ability) – Possibly susceptible to roadkills – Has moderate home range	A minor impact is applicable for species with either of the following characteristics: – Not dependent on connected and forested habitats for dispersal and able to traverse urban infrastructures (i.e. high dispersal ability) – Low susceptibility to roadkills – Has small home range

Appendix C1

List of Plant Species in Eng Neo Avenue Forest

S/N	Site	Species	Family	Origin	Status	Habit
1	Eng Neo Avenue Forest	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree
2	Eng Neo Avenue Forest	*Acacia mangium*	Fabaceae	Exotic	Naturalised	Tree
3	Eng Neo Avenue Forest	*Acalypha amentacea* ssp. *wilkesiana*	Euphorbiaceae	Exotic	Cultivated Only	Shrub
4	Eng Neo Avenue Forest	*Acalypha siamensis*	Euphorbiaceae	Exotic	Casual	Shrub
5	Eng Neo Avenue Forest	*Acalypha wilkesiana*	Euphorbiaceae	Exotic	Cultivated Only	Shrub
6	Eng Neo Avenue Forest	*Adenanthera pavonina*	Fabaceae	Exotic	Naturalised	Tree
7	Eng Neo Avenue Forest	*Adiantum latifolium*	Adiantaceae	Exotic	Naturalised	Herb
8	Eng Neo Avenue Forest	*Adinandra dumosa*	Pentaphylacaceae	Native	Common	Tree
9	Eng Neo Avenue Forest	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber
10	Eng Neo Avenue Forest	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber
11	Eng Neo Avenue Forest	*Ageratum conyzoides*	Asteraceae	Exotic	Naturalised	Herb
12	Eng Neo Avenue Forest	*Alocasia longiloba*	Araceae	Native	Common	Herb
13	Eng Neo Avenue Forest	*Alocasia macrorrhizos*	Araceae	Exotic	Naturalised	Herb
14	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree
15	Eng Neo Avenue Forest	*Alstonia angustifolia*	Apocynaceae	Native	Common	Tree
16	Eng Neo Avenue Forest	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree
17	Eng Neo Avenue Forest	*Alysicarpus vaginalis*	Fabaceae	Cryptogenic	-	Herb
18	Eng Neo Avenue Forest	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber
19	Eng Neo Avenue Forest	*Ananas comosus*	Bromeliaceae	Exotic	Casual	Shrub
20	Eng Neo Avenue Forest	*Andira inermis*	Fabaceae	Exotic	Casual	Tree
21	Eng Neo Avenue Forest	*Antidesma bunius*	Phyllanthaceae	Exotic	Casual	Tree
22	Eng Neo Avenue Forest	*Antidesma cuspidatum*	Phyllanthaceae	Native	Common	Tree
23	Eng Neo Avenue Forest	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree
24	Eng Neo Avenue Forest	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree
25	Eng Neo Avenue Forest	*Aporosa frutescens*	Phyllanthaceae	Native	Common	Tree
26	Eng Neo Avenue Forest	*Aporosa lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree
27	Eng Neo Avenue Forest	*Archidendron clypearia*	Fabaceae	Native	Common	Tree
28	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree
29	Eng Neo Avenue Forest	*Ardisia elliptica*	Myrsinaceae	Native	Endangered	Tree
30	Eng Neo Avenue Forest	*Areca catechu*	Arecaceae	Exotic	Casual	Tree
31	Eng Neo Avenue Forest	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber
32	Eng Neo Avenue Forest	*Arthrophyllum diversifolium*	Araliaceae	Native	Common	Tree
33	Eng Neo Avenue Forest	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree
34	Eng Neo Avenue Forest	*Artocarpus integer*	Moraceae	Exotic	Casual	Tree
35	Eng Neo Avenue Forest	*Artocarpus lacucha*	Moraceae	Native	Endangered	Tree
36	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber
37	Eng Neo Avenue Forest	*Asplenium nidus*	Aspleniaceae	Native	Common	Epiphyte
38	Eng Neo Avenue Forest	*Asystasia gangetica* ssp. *micrantha*	Acanthaceae	Exotic	Naturalised	Herb
39	Eng Neo Avenue Forest	*Axonopus compressus*	Poaceae	Exotic	Naturalised	Herb
40	Eng Neo Avenue Forest	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub
41	Eng Neo Avenue Forest	*Baphia nitida*	Fabaceae	Exotic	Casual	Shrub
42	Eng Neo Avenue Forest	*Blechnum finlaysonianum*	Blechnaceae	Native	Vulnerable	Herb
43	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub
44	Eng Neo Avenue Forest	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree
45	Eng Neo Avenue Forest	*Callicarpa longifolia*	Lamiaceae	Native	Endangered	Shrub
46	Eng Neo Avenue Forest	*Calophyllum ferrugineum*	Calophyllaceae	Native	Common	Tree
47	Eng Neo Avenue Forest	*Calophyllum pulcherrimum*	Calophyllaceae	Native	Common	Tree
48	Eng Neo Avenue Forest	*Calophyllum soulattri*	Calophyllaceae	Exotic	Not assessed	Tree
49	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree
50	Eng Neo Avenue Forest	*Calopogonium mucunoides*	Fabaceae	Exotic	Naturalised	Climber
51	Eng Neo Avenue Forest	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree
52	Eng Neo Avenue Forest	*Canna indica*	Cannaceae	Exotic	Naturalised	Herb
53	Eng Neo Avenue Forest	*Canthiumeria robusta*	Rubiaceae	Native	Endangered	Tree
54	Eng Neo Avenue Forest	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree
55	Eng Neo Avenue Forest	*Carallia suffruticosa*	Rhizophoraceae	Exotic	Cultivated Only	Tree
56	Eng Neo Avenue Forest	*Caryota mitis*	Arecaceae	Native	Common	Tree
57	Eng Neo Avenue Forest	*Cassia fistula*	Fabaceae	Exotic	Cultivated Only	Tree
58	Eng Neo Avenue Forest	*Casuarina equisetifolia*	Casuarinaceae	Native	Common	Tree
59	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber
60	Eng Neo Avenue Forest	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree
61	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb
62	Eng Neo Avenue Forest	*Centrosema molle*	Fabaceae	Exotic	Naturalised	Climber
63	Eng Neo Avenue Forest	*Christella parasitica*	Thelypteridaceae	Cryptogenic	-	Herb
64	Eng Neo Avenue Forest	*Cinnamomum iners*	Lauraceae	Native	Common	Tree
65	Eng Neo Avenue Forest	*Cissus hastata*	Vitaceae	Cryptogenic	-	Climber
66	Eng Neo Avenue Forest	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree
67	Eng Neo Avenue Forest	*Clausena excavata*	Rutaceae	Native	Common	Shrub
68	Eng Neo Avenue Forest	*Cleome rutidosperma*	Cleomaceae	Exotic	Naturalised	Herb
69	Eng Neo Avenue Forest	*Clerodendrum laevifolium*	Lamiaceae	Native	Common	Tree
70	Eng Neo Avenue Forest	*Clerodendrum villosum*	Lamiaceae	Native	Vulnerable	Shrub
71	Eng Neo Avenue Forest	*Clidemia hirta*	Melastomataceae	Exotic	Naturalised	Shrub
72	Eng Neo Avenue Forest	*Coccinia grandis*	Cucurbitaceae	Exotic	Naturalised	Climber
73	Eng Neo Avenue Forest	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree
74	Eng Neo Avenue Forest	*Codiaeum variegatum*	Euphorbiaceae	Exotic	Casual	Shrub
75	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber
76	Eng Neo Avenue Forest	*Costus lucanusianus*	Costaceae	Exotic	Casual	Herb
77	Eng Neo Avenue Forest	*Cratoxylum cochinchinense*	Hypericaceae	Native	Endangered	Tree
78	Eng Neo Avenue Forest	*Cratoxylum maingayi*	Hypericaceae	Native	Critically Endangered	Tree
79	Eng Neo Avenue Forest	*Crotalaria retusa*	Fabaceae	Cryptogenic	-	Shrub
80	Eng Neo Avenue Forest	*Cyclosorus interruptus*	Thelypteridaceae	Native	Common	Herb
81	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb
82	Eng Neo Avenue Forest	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree
83	Eng Neo Avenue Forest	*Cyrtostachys renda*	Arecaceae	Native	Presumed Extinct	Shrub
84	Eng Neo Avenue Forest	*Dactyloctenium aegyptium*	Poaceae	Native	Common	Herb
85	Eng Neo Avenue Forest	*Davallia denticulata*	Davalliaceae	Native	Common	Epiphyte
86	Eng Neo Avenue Forest	*Derris amoena* var. *maingayana*	Fabaceae	Native	Vulnerable	Climber
87	Eng Neo Avenue Forest	*Desmodium triflorum*	Fabaceae	Cryptogenic	-	Herb
88	Eng Neo Avenue Forest	*Dicranopteris linearis*	Gleicheniaceae	Native	Common	Climber
89	Eng Neo Avenue Forest	*Dillenia suffruticosa*	Dilleniaceae	Native	Common	Shrub
90	Eng Neo Avenue Forest	*Dimocarpus longan*	Sapindaceae	Exotic	Casual	Tree
91	Eng Neo Avenue Forest	*Dimocarpus longan* ssp. *malesianus*	Sapindaceae	Exotic	Casual	Tree

S/N	Site	Species	Family	Origin	Status	Habit
92	Eng Neo Avenue Forest	*Dioscorea orbiculata* var. *tenuifolia*	Dioscoreaceae	Native	Not assessed; recently rediscovered	Climber
93	Eng Neo Avenue Forest	*Dioscorea pyrifolia*	Dioscoreaceae	Native	Common	Climber
94	Eng Neo Avenue Forest	*Dioscorea sansibarensis*	Dioscoreaceae	Exotic	Naturalised	Climber
95	Eng Neo Avenue Forest	*Diospyros lanceifolia*	Ebenaceae	Native	Critically Endangered	Tree
96	Eng Neo Avenue Forest	*Diospyros styraciformis*	Ebenaceae	Native	Vulnerable	Tree
97	Eng Neo Avenue Forest	*Dracaena fragrans*	Ruscaceae	Exotic	Casual	Shrub
98	Eng Neo Avenue Forest	*Dracaena surculosa*	Ruscaceae	Exotic	Cultivated Only	Shrub
99	Eng Neo Avenue Forest	*Drynaria quercifolia*	Polypodiaceae	Native	Common	Epiphyte
100	Eng Neo Avenue Forest	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree
101	Eng Neo Avenue Forest	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree
102	Eng Neo Avenue Forest	*Eclipta prostrata*	Asteraceae	Exotic	Naturalised	Herb
103	Eng Neo Avenue Forest	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree
104	Eng Neo Avenue Forest	*Elaeocarpus mastersii*	Elaeocarpaceae	Native	Common	Tree
105	Eng Neo Avenue Forest	*Elaeocarpus petiolatus*	Elaeocarpaceae	Native	Common	Tree
106	Eng Neo Avenue Forest	*Embelia ribes*	Myrsinaceae	Native	Common	Climber
107	Eng Neo Avenue Forest	*Epipremnum aureum*	Araceae	Exotic	Casual	Climber
108	Eng Neo Avenue Forest	*Erycibe tomentosa*	Convolvulaceae	Native	Common	Climber
109	Eng Neo Avenue Forest	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree
110	Eng Neo Avenue Forest	*Fibraurea tinctoria*	Menispermaceae	Native	Common	Climber
111	Eng Neo Avenue Forest	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler
112	Eng Neo Avenue Forest	*Ficus fistulosa*	Moraceae	Native	Common	Tree
113	Eng Neo Avenue Forest	*Ficus glandulifera*	Moraceae	Native	Critically Endangered	Tree
114	Eng Neo Avenue Forest	*Ficus grossularioides* var. *grossularioides*	Moraceae	Native	Common	Tree
115	Eng Neo Avenue Forest	*Ficus heteropleura*	Moraceae	Native	Common	Climber
116	Eng Neo Avenue Forest	*Ficus hispida*	Moraceae	Exotic	Naturalised	Tree
117	Eng Neo Avenue Forest	*Ficus microcarpa*	Moraceae	Native	Common	Strangler
118	Eng Neo Avenue Forest	*Ficus punctata*	Moraceae	Native	Common	Climber
119	Eng Neo Avenue Forest	*Ficus variegata*	Moraceae	Native	Common	Tree
120	Eng Neo Avenue Forest	*Ficus villosa*	Moraceae	Native	Critically Endangered	Climber
121	Eng Neo Avenue Forest	*Fimbristylis dichotoma*	Cyperaceae	Cryptogenic	-	Herb
122	Eng Neo Avenue Forest	*Flacourtia rukam*	Salicaceae	Native	Vulnerable	Tree
123	Eng Neo Avenue Forest	*Flagellaria indica*	Flagellariaceae	Native	Common	Climber
124	Eng Neo Avenue Forest	*Flemingia macrophylla*	Fabaceae	Exotic	Not assessed	Shrub
125	Eng Neo Avenue Forest	*Garcinia eugeniifolia*	Clusiaceae	Native	Vulnerable	Tree
126	Eng Neo Avenue Forest	*Garcinia griffithii*	Clusiaceae	Native	Endangered	Tree
127	Eng Neo Avenue Forest	*Garcinia hombroniana*	Clusiaceae	Native	Endangered	Tree
128	Eng Neo Avenue Forest	*Garcinia parvifolia*	Clusiaceae	Native	Common	Tree
129	Eng Neo Avenue Forest	*Gironniera nervosa*	Cannabaceae	Native	Common	Tree
130	Eng Neo Avenue Forest	*Glochidion zeylanicum* var. *zeylanicum*	Phyllanthaceae	Native	Vulnerable	Tree
131	Eng Neo Avenue Forest	*Gluta wallichii*	Anacardiaceae	Native	Common	Tree
132	Eng Neo Avenue Forest	*Gnetum gnemon* var. *gnemon*	Gnetaceae	Native	Critically Endangered	Tree
133	Eng Neo Avenue Forest	*Gnetum* sp.	Gnetaceae	Native	Critically Endangered	Climber
134	Eng Neo Avenue Forest	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte
135	Eng Neo Avenue Forest	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub
136	Eng Neo Avenue Forest	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree
137	Eng Neo Avenue Forest	*Gynochthodes sublanceolata*	Rubiaceae	Native	Common	Climber
138	Eng Neo Avenue Forest	*Gynotroches axillaris*	Rhizophoraceae	Native	Common	Tree
139	Eng Neo Avenue Forest	*Hedyotis auricularia*	Rubiaceae	Native	Common	Herb
140	Eng Neo Avenue Forest	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree
141	Eng Neo Avenue Forest	*Hopea odorata*	Dipterocarpaceae	Exotic	Cultivated Only	Tree
142	Eng Neo Avenue Forest	*Hornstedtia scyphifera* var. *scyphifera*	Zingiberaceae	Native	Vulnerable	Herb
143	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree
144	Eng Neo Avenue Forest	*Hoya diversifolia*	Apocynaceae	Native	Critically Endangered	Epiphyte
145	Eng Neo Avenue Forest	*Hydrilla verticillata*	Hydrocharitaceae	Cryptogenic	-	Herb
146	Eng Neo Avenue Forest	*Hyptis capitata*	Lamiaceae	Exotic	Naturalised	Herb
147	Eng Neo Avenue Forest	*Indorouchera griffithiana*	Linaceae	Native	Common	Climber
148	Eng Neo Avenue Forest	*Ipomoea cairica*	Convolvulaceae	Exotic	Naturalised	Climber
149	Eng Neo Avenue Forest	*Isachne globosa*	Poaceae	Cryptogenic	-	Herb
150	Eng Neo Avenue Forest	*Ischaemum muticum*	Poaceae	Native	Common	Herb
151	Eng Neo Avenue Forest	*Ixonanthes reticulata*	Ixonanthaceae	Native	Common	Tree
152	Eng Neo Avenue Forest	*Khaya* cf. *nyasica*	Meliaceae	Exotic	Not assessed	Tree
153	Eng Neo Avenue Forest	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree
154	Eng Neo Avenue Forest	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree
155	Eng Neo Avenue Forest	*Knema* cf. *malayana*	Myristicaceae	Native	Endangered	Tree
156	Eng Neo Avenue Forest	*Koompassia malaccensis*	Fabaceae	Native	Endangered	Tree
157	Eng Neo Avenue Forest	*Kyllinga nemoralis*	Cyperaceae	Cryptogenic	-	Herb
158	Eng Neo Avenue Forest	*Kyllinga polyphylla*	Cyperaceae	Exotic	Naturalised	Herb
159	Eng Neo Avenue Forest	*Lantana camara*	Verbenaceae	Exotic	Naturalised	Shrub
160	Eng Neo Avenue Forest	*Leea indica*	Vitaceae	Native	Common	Tree
161	Eng Neo Avenue Forest	*Lepisanthes alata*	Sapindaceae	Exotic	Cultivated Only	Tree
162	Eng Neo Avenue Forest	*Lepisanthes rubiginosa*	Sapindaceae	Native	Common	Tree
163	Eng Neo Avenue Forest	*Leucaena leucocephala*	Fabaceae	Exotic	Naturalised	Tree
164	Eng Neo Avenue Forest	*Lindera lucida*	Lauraceae	Native	Vulnerable	Tree
165	Eng Neo Avenue Forest	*Litsea castanea*	Lauraceae	Native	Endangered	Tree
166	Eng Neo Avenue Forest	*Litsea* cf. *cordata*	Lauraceae	Native	Critically Endangered	Tree
167	Eng Neo Avenue Forest	*Litsea elliptica*	Lauraceae	Native	Common	Tree
168	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree
169	Eng Neo Avenue Forest	*Litsea grandis*	Lauraceae	Native	Endangered	Tree
170	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree
171	Eng Neo Avenue Forest	*Ludwigia hyssopifolia*	Onagraceae	Cryptogenic	-	Herb
172	Eng Neo Avenue Forest	*Lygodium circinnatum*	Schizaeaceae	Native	Vulnerable	Climber
173	Eng Neo Avenue Forest	*Lygodium flexuosum*	Schizaeaceae	Native	Common	Climber
174	Eng Neo Avenue Forest	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber
175	Eng Neo Avenue Forest	*Lygodium microphyllum*	Schizaeaceae	Native	Common	Climber
176	Eng Neo Avenue Forest	*Lygodium salicifolium*	Schizaeaceae	Native	Common	Climber
177	Eng Neo Avenue Forest	*Macaranga bancana*	Euphorbiaceae	Native	Common	Tree
178	Eng Neo Avenue Forest	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree
179	Eng Neo Avenue Forest	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree
180	Eng Neo Avenue Forest	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree
181	Eng Neo Avenue Forest	*Macaranga heynei*	Euphorbiaceae	Native	Common	Tree
182	Eng Neo Avenue Forest	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree

S/N	Site	Species	Family	Origin	Status	Habit
183	Eng Neo Avenue Forest	*Macaranga hypoleuca*	Euphorbiaceae	Native	Common	Tree
184	Eng Neo Avenue Forest	*Mallotus paniculatus*	Euphorbiaceae	Native	Common	Tree
185	Eng Neo Avenue Forest	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree
186	Eng Neo Avenue Forest	*Mangifera odorata*	Anacardiaceae	Native	Vulnerable	Tree
187	Eng Neo Avenue Forest	*Manihot carthagenensis* ssp. *glaziovii*	Euphorbiaceae	Exotic	Naturalised	Tree
188	Eng Neo Avenue Forest	*Manihot esculenta*	Euphorbiaceae	Exotic	Naturalised	Shrub
189	Eng Neo Avenue Forest	*Melastoma malabathricum*	Melastomataceae	Native	Common	Shrub
190	Eng Neo Avenue Forest	*Memecylon floridum*	Melastomataceae	Native	Critically Endangered	Tree
191	Eng Neo Avenue Forest	*Mikania micrantha*	Asteraceae	Exotic	Naturalised	Climber
192	Eng Neo Avenue Forest	*Mimosa diplotricha*	Fabaceae	Exotic	Naturalised	Shrub
193	Eng Neo Avenue Forest	*Mimosa pudica*	Fabaceae	Exotic	Naturalised	Shrub
194	Eng Neo Avenue Forest	*Mimusops elengi*	Sapotaceae	Exotic	Casual	Tree
195	Eng Neo Avenue Forest	*Momordica charantia*	Cucurbitaceae	Exotic	Casual	Climber
196	Eng Neo Avenue Forest	*Morella esculenta*	Myricaceae	Native	Common	Tree
197	Eng Neo Avenue Forest	*Morinda citrifolia*	Rubiaceae	Cryptogenic	-	Tree
198	Eng Neo Avenue Forest	*Mucuna pruriens*	Fabaceae	Exotic	Not assessed	Climber
199	Eng Neo Avenue Forest	*Muntingia calabura*	Muntingiaceae	Exotic	Naturalised	Tree
200	Eng Neo Avenue Forest	*Murraya paniculata*	Rutaceae	Exotic	Cultivated Only	Shrub
201	Eng Neo Avenue Forest	*Musa* cultivar	Musaceae	Exotic	Not assessed	Herb
202	Eng Neo Avenue Forest	*Neolamarckia cadamba*	Rubiaceae	Exotic	Cultivated Only	Tree
203	Eng Neo Avenue Forest	*Neolitsea cassia*	Lauraceae	Native	Vulnerable	Tree
204	Eng Neo Avenue Forest	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree
205	Eng Neo Avenue Forest	*Nephrolepis biserrata*	Oleandraceae	Cryptogenic	-	Herb
206	Eng Neo Avenue Forest	*Oncosperma horridum*	Arecaceae	Native	Vulnerable	Shrub
207	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub
208	Eng Neo Avenue Forest	*Ottochloa nodosa*	Poaceae	Native	Common	Herb
209	Eng Neo Avenue Forest	*Paederia foetida*	Rubiaceae	Native	Common	Climber
210	Eng Neo Avenue Forest	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree
211	Eng Neo Avenue Forest	*Panicum maximum*	Poaceae	Exotic	Naturalised	Herb
212	Eng Neo Avenue Forest	*Passiflora foetida*	Passifloraceae	Exotic	Naturalised	Climber
213	Eng Neo Avenue Forest	*Passiflora suberosa*	Passifloraceae	Exotic	Naturalised	Climber
214	Eng Neo Avenue Forest	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree
215	Eng Neo Avenue Forest	*Pennisetum purpureum*	Poaceae	Exotic	Naturalised	Herb
216	Eng Neo Avenue Forest	*Peperomia pellucida*	Piperaceae	Exotic	Naturalised	Herb
217	Eng Neo Avenue Forest	*Philodendron hederaceum*	Araceae	Exotic	Casual	Herb
218	Eng Neo Avenue Forest	*Phyllanthus debilis*	Phyllanthaceae	Exotic	Naturalised	Herb
219	Eng Neo Avenue Forest	*Phytocrene bracteata*	Icacinaceae	Native	Vulnerable	Climber
220	Eng Neo Avenue Forest	*Piper betle*	Piperaceae	Exotic	Casual	Climber
221	Eng Neo Avenue Forest	*Piper caninum*	Piperaceae	Native	Common	Climber
222	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber
223	Eng Neo Avenue Forest	*Piper nigrum*	Piperaceae	Exotic	Cultivated Only	Climber
224	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber
225	Eng Neo Avenue Forest	*Piper sarmentosum*	Piperaceae	Native	Common	Climber
226	Eng Neo Avenue Forest	*Pipturus argenteus*	Urticaceae	Exotic	Naturalised	Tree
227	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree
228	Eng Neo Avenue Forest	*Plectranthus amboinicus*	Lamiaceae	Exotic	Not assessed	Herb
229	Eng Neo Avenue Forest	*Pleocnemia irregularis*	Dryopteridaceae	Native	Common	Herb
230	Eng Neo Avenue Forest	*Porterandia anisophylla*	Rubiaceae	Native	Vulnerable	Tree
231	Eng Neo Avenue Forest	*Premna serratifolia*	Lamiaceae	Native	Vulnerable	Climber
232	Eng Neo Avenue Forest	*Prunus arborea* var. *stipulacea*	Rosaceae	Native	Critically Endangered	Tree
233	Eng Neo Avenue Forest	*Prunus polystachya*	Rosaceae	Native	Common	Tree
234	Eng Neo Avenue Forest	*Psychotria ovoidea*	Rubiaceae	Native	Vulnerable	Climber
235	Eng Neo Avenue Forest	*Pteris vittata*	Pteridaceae	Cryptogenic	-	Herb
236	Eng Neo Avenue Forest	*Pternandra caerulescens*	Melastomataceae	Native	Vulnerable	Tree
237	Eng Neo Avenue Forest	*Pternandra echinata*	Melastomataceae	Native	Vulnerable	Tree
238	Eng Neo Avenue Forest	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree
239	Eng Neo Avenue Forest	*Ptychosperma macarthurii*	Arecaceae	Exotic	Naturalised	Tree
240	Eng Neo Avenue Forest	*Quisqualis indica*	Combretaceae	Exotic	Casual	Climber
241	Eng Neo Avenue Forest	*Rhodamnia cinerea*	Myrtaceae	Native	Common	Tree
242	Eng Neo Avenue Forest	*Ruellia repens*	Acanthaceae	Cryptogenic	-	Herb
243	Eng Neo Avenue Forest	*Samanea saman*	Fabaceae	Exotic	Casual	Tree
244	Eng Neo Avenue Forest	*Santiria laevigata*	Burseraceae	Native	Vulnerable	Tree
245	Eng Neo Avenue Forest	*Schefflera actinophylla*	Araliaceae	Exotic	Casual	Tree
246	Eng Neo Avenue Forest	*Scleria ciliaris*	Cyperaceae	Native	Common	Herb
247	Eng Neo Avenue Forest	*Selaginella argentea*	Selaginellaceae	Native	Critically Endangered	Herb
248	Eng Neo Avenue Forest	*Sindora wallichii*	Fabaceae	Native	Critically Endangered	Tree
249	Eng Neo Avenue Forest	*Smilax setosa*	Smilacaceae	Native	Common	Climber
250	Eng Neo Avenue Forest	*Solanum torvum*	Solanaceae	Exotic	Naturalised	Shrub
251	Eng Neo Avenue Forest	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree
252	Eng Neo Avenue Forest	*Stenochlaena palustris*	Blechnaceae	Native	Common	Climber
253	Eng Neo Avenue Forest	*Sterculia rubiginosa*	Malvaceae	Native	Vulnerable	Tree
254	Eng Neo Avenue Forest	*Stigmaphyllon ciliatum*	Malpighiaceae	Exotic	Cultivated Only	Climber
255	Eng Neo Avenue Forest	*Strobilanthes reptans*	Acanthaceae	Exotic	Naturalised	Shrub
256	Eng Neo Avenue Forest	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree
257	Eng Neo Avenue Forest	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber
258	Eng Neo Avenue Forest	*Swietenia macrophylla*	Meliaceae	Exotic	Casual	Tree
259	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree
260	Eng Neo Avenue Forest	*Syngonium podophyllum*	Araceae	Exotic	Naturalised	Climber
261	Eng Neo Avenue Forest	*Syzygium aromaticum*	Myrtaceae	Exotic	Cultivated Only	Tree
262	Eng Neo Avenue Forest	*Syzygium grande*	Myrtaceae	Native	Common	Tree
263	Eng Neo Avenue Forest	*Syzygium lineatum*	Myrtaceae	Native	Common	Tree
264	Eng Neo Avenue Forest	*Syzygium myrtifolium*	Myrtaceae	Native	Presumed Extinct	Tree
265	Eng Neo Avenue Forest	*Syzygium nemestrinum*	Myrtaceae	Native	Endangered	Tree
266	Eng Neo Avenue Forest	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree
267	Eng Neo Avenue Forest	*Syzygium* sp.	Myrtaceae	-	-	-
268	Eng Neo Avenue Forest	*Syzygium zeylanicum*	Myrtaceae	Native	Common	Shrub
269	Eng Neo Avenue Forest	*Tabebuia rosea*	Bignoniaceae	Exotic	Casual	Tree
270	Eng Neo Avenue Forest	*Taenitis blechnoides*	Pteridaceae	Native	Common	Climber
271	Eng Neo Avenue Forest	*Taliparitis tiliaceum*	Malvaceae	Native	Common	Tree
272	Eng Neo Avenue Forest	*Terminalia catappa*	Combretaceae	Native	Common	Tree
273	Eng Neo Avenue Forest	*Tetracera indica*	Dilleniaceae	Native	Common	Climber

S/N	Site	Species	Family	Origin	Status	Habit
274	Eng Neo Avenue Forest	*Thunbergia fragrans*	Acanthaceae	Exotic	Naturalised	Climber
275	Eng Neo Avenue Forest	*Thunbergia laurifolia*	Acanthaceae	Native	Presumed Extinct	Climber
276	Eng Neo Avenue Forest	*Timonius wallichianus*	Rubiaceae	Native	Common	Tree
277	Eng Neo Avenue Forest	*Trema cannabina*	Cannabaceae	Native	Common	Shrub
278	Eng Neo Avenue Forest	*Uncaria cordata*	Rubiaceae	Native	Endangered	Climber
279	Eng Neo Avenue Forest	*Uncaria gambir*	Rubiaceae	Exotic	Naturalised	Climber
280	Eng Neo Avenue Forest	*Uncaria longiflora* var. *pteropoda*	Rubiaceae	Native	Critically Endangered	Climber
281	Eng Neo Avenue Forest	Unknown	Burseraceae	-	-	-
282	Eng Neo Avenue Forest	Unknown	-	-	-	-
283	Eng Neo Avenue Forest	*Vigna reflexopilosa*	Fabaceae	Exotic	Not assessed	Herb
284	Eng Neo Avenue Forest	*Vitex pinnata*	Lamiaceae	Native	Common	Tree
285	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree

Appendix C2

List of Plant Species in the Forested Area Adjacent to Fairways Quarters

S/N	Site	Species	Family	Origin	Status	Habit
1	Forested Area Adjacent to Fairways Quarters	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree
2	Forested Area Adjacent to Fairways Quarters	*Acacia mangium*	Fabaceae	Exotic	Naturalised	Tree
3	Forested Area Adjacent to Fairways Quarters	*Acalypha siamensis*	Euphorbiaceae	Exotic	Casual	Shrub
4	Forested Area Adjacent to Fairways Quarters	*Acalypha wilkesiana*	Euphorbiaceae	Exotic	Cultivated Only	Shrub
5	Forested Area Adjacent to Fairways Quarters	*Acmella paniculata*	Asteraceae	Exotic	Not assessed	Herb
6	Forested Area Adjacent to Fairways Quarters	*Acroceras munroanum*	Poaceae	Exotic	Casual	Herb
7	Forested Area Adjacent to Fairways Quarters	*Acrostichum aureum*	Pteridaceae	Native	Common	Herb
8	Forested Area Adjacent to Fairways Quarters	*Actinodaphne macrophylla*	Lauraceae	Native	Presumed Extinct	Tree
9	Forested Area Adjacent to Fairways Quarters	*Adenanthera pavonina*	Fabaceae	Exotic	Naturalised	Tree
10	Forested Area Adjacent to Fairways Quarters	*Adiantum latifolium*	Adiantaceae	Exotic	Naturalised	Herb
11	Forested Area Adjacent to Fairways Quarters	*Adinandra dumosa*	Pentaphylacaceae	Native	Common	Tree
12	Forested Area Adjacent to Fairways Quarters	*Aegle marmelos*	Rutaceae	Exotic	Cultivated Only	Tree
13	Forested Area Adjacent to Fairways Quarters	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber
14	Forested Area Adjacent to Fairways Quarters	*Aglaonema* cultivar	Araceae	Exotic	Casual	Herb
15	Forested Area Adjacent to Fairways Quarters	*Alocasia longiloba*	Araceae	Native	Common	Herb
16	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree
17	Forested Area Adjacent to Fairways Quarters	*Alstonia angustifolia*	Apocynaceae	Native	Common	Tree
18	Forested Area Adjacent to Fairways Quarters	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree
19	Forested Area Adjacent to Fairways Quarters	*Alstonia scholaris*	Apocynaceae	Exotic	Cultivated Only	Tree
20	Forested Area Adjacent to Fairways Quarters	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber
21	Forested Area Adjacent to Fairways Quarters	*Andira inermis*	Fabaceae	Exotic	Casual	Tree
22	Forested Area Adjacent to Fairways Quarters	*Angiopteris evecta*	Marattiaceae	Native	Vulnerable	Herb
23	Forested Area Adjacent to Fairways Quarters	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree
24	Forested Area Adjacent to Fairways Quarters	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree
25	Forested Area Adjacent to Fairways Quarters	*Aporosa lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree
26	Forested Area Adjacent to Fairways Quarters	*Aporosa nigricans*	Phyllanthaceae	Native	Endangered	Tree
27	Forested Area Adjacent to Fairways Quarters	*Araucaria* cf. *columnaris*	Araucariaceae	Exotic	Cultivated Only	Tree
28	Forested Area Adjacent to Fairways Quarters	*Araucaria heterophylla*	Araucariaceae	Exotic	Cultivated Only	Tree
29	Forested Area Adjacent to Fairways Quarters	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree
30	Forested Area Adjacent to Fairways Quarters	*Ardisia sanguinolenta*	Primulaceae	Native	Common	Shrub
31	Forested Area Adjacent to Fairways Quarters	*Aristolochia acuminata*	Aristolochiaceae	Exotic	Cultivated Only	Climber
32	Forested Area Adjacent to Fairways Quarters	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber
33	Forested Area Adjacent to Fairways Quarters	*Arthrophyllum diversifolium*	Araliaceae	Native	Common	Tree
34	Forested Area Adjacent to Fairways Quarters	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree
35	Forested Area Adjacent to Fairways Quarters	*Artocarpus integer*	Moraceae	Exotic	Casual	Tree
36	Forested Area Adjacent to Fairways Quarters	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber
37	Forested Area Adjacent to Fairways Quarters	*Asplenium nidus*	Aspleniaceae	Native	Common	Epiphyte
38	Forested Area Adjacent to Fairways Quarters	*Asystasia gangetica* ssp. *micrantha*	Acanthaceae	Exotic	Naturalised	Herb
39	Forested Area Adjacent to Fairways Quarters	*Averrhoa bilimbi*	Oxalidaceae	Exotic	Casual	Tree
40	Forested Area Adjacent to Fairways Quarters	*Axonopus compressus*	Poaceae	Exotic	Naturalised	Herb
41	Forested Area Adjacent to Fairways Quarters	*Baccaurea pyriformis*	Phyllanthaceae	Native	Presumed Extinct	Tree
42	Forested Area Adjacent to Fairways Quarters	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub
43	Forested Area Adjacent to Fairways Quarters	*Baphia nitida*	Fabaceae	Exotic	Casual	Shrub
44	Forested Area Adjacent to Fairways Quarters	*Bauhinia* × *blakeana*	Fabaceae	Exotic	Not assessed	Tree
45	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub
46	Forested Area Adjacent to Fairways Quarters	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree
47	Forested Area Adjacent to Fairways Quarters	*Bulbophyllum vaginatum*	Orchidaceae	Native	Endangered	Epiphyte
48	Forested Area Adjacent to Fairways Quarters	*Caladium bicolor*	Araceae	Exotic	Cultivated Only	Herb
49	Forested Area Adjacent to Fairways Quarters	*Calathea lutea*	Marantaceae	Exotic	Cultivated Only	Herb
50	Forested Area Adjacent to Fairways Quarters	*Callistemon viminalis*	Myrtaceae	Exotic	Cultivated Only	Tree
51	Forested Area Adjacent to Fairways Quarters	*Calophyllum inophyllum*	Calophyllaceae	Native	Critically Endangered	Tree
52	Forested Area Adjacent to Fairways Quarters	*Calophyllum rubiginosum*	Calophyllaceae	Native	Endangered	Tree
53	Forested Area Adjacent to Fairways Quarters	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree
54	Forested Area Adjacent to Fairways Quarters	*Calopogonium mucunoides*	Fabaceae	Exotic	Naturalised	Climber
55	Forested Area Adjacent to Fairways Quarters	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree
56	Forested Area Adjacent to Fairways Quarters	*Canna indica*	Cannaceae	Exotic	Naturalised	Herb
57	Forested Area Adjacent to Fairways Quarters	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree
58	Forested Area Adjacent to Fairways Quarters	*Carallia brachiata* 'Honiara'	Rhizophoraceae	Exotic	Cultivated Only	Tree
59	Forested Area Adjacent to Fairways Quarters	*Caryota mitis*	Arecaceae	Native	Common	Tree
60	Forested Area Adjacent to Fairways Quarters	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree
61	Forested Area Adjacent to Fairways Quarters	*Centella asiatica*	Apiaceae	Native	Common	Herb
62	Forested Area Adjacent to Fairways Quarters	*Centotheca lappacea*	Poaceae	Native	Common	Herb
63	Forested Area Adjacent to Fairways Quarters	cf. *Asplenium nitidum*	Aspleniaceae	Native	Presumed Extinct	Epiphyte
64	Forested Area Adjacent to Fairways Quarters	cf. *Dibridsonia conferta*	Rubiaceae	Native	Endangered	Tree
65	Forested Area Adjacent to Fairways Quarters	cf. *Psydrax* sp. 10	Rubiaceae	Native	Not assessed	Tree

S/N	Site	Species	Family	Origin	Status	Habit
66	Forested Area Adjacent to Fairways Quarters	*Christella dentata*	Thelypteridaceae	Cryptogenic	-	Herb
67	Forested Area Adjacent to Fairways Quarters	*Cinnamomum iners*	Lauraceae	Native	Common	Tree
68	Forested Area Adjacent to Fairways Quarters	*Cissus hastata*	Vitaceae	Cryptogenic	-	Climber
69	Forested Area Adjacent to Fairways Quarters	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree
70	Forested Area Adjacent to Fairways Quarters	*Clausena excavata*	Rutaceae	Native	Common	Shrub
71	Forested Area Adjacent to Fairways Quarters	*Cleome rutidosperma*	Cleomaceae	Exotic	Naturalised	Herb
72	Forested Area Adjacent to Fairways Quarters	*Clidemia hirta*	Melastomataceae	Exotic	Naturalised	Shrub
73	Forested Area Adjacent to Fairways Quarters	*Coccinia grandis*	Cucurbitaceae	Exotic	Naturalised	Climber
74	Forested Area Adjacent to Fairways Quarters	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree
75	Forested Area Adjacent to Fairways Quarters	*Commelina diffusa*	Commelinaceae	Cryptogenic	-	Herb
76	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber
77	Forested Area Adjacent to Fairways Quarters	*Cordyline fruticosa*	Asparagaceae	Exotic	Casual	Shrub
78	Forested Area Adjacent to Fairways Quarters	*Cyanthillium cinereum*	Asteraceae	Exotic	Not assessed	Herb
79	Forested Area Adjacent to Fairways Quarters	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb
80	Forested Area Adjacent to Fairways Quarters	*Cyclosorus triphyllus* var. *triphyllus*	Thelypteridaceae	Native	Common	Herb
81	Forested Area Adjacent to Fairways Quarters	*Cyperus alternifolius*	Cyperaceae	Exotic	Cultivated Only	Herb
82	Forested Area Adjacent to Fairways Quarters	*Cyperus sphacelatus*	Cyperaceae	Exotic	Naturalised	Herb
83	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree
84	Forested Area Adjacent to Fairways Quarters	*Cyrtostachys renda*	Arecaceae	Native	Presumed Extinct	Shrub
85	Forested Area Adjacent to Fairways Quarters	*Dacryodes* cf. *rostrata*	Burseraceae	Native	Vulnerable	Tree
86	Forested Area Adjacent to Fairways Quarters	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree
87	Forested Area Adjacent to Fairways Quarters	*Davallia denticulata*	Davalliaceae	Native	Common	Epiphyte
88	Forested Area Adjacent to Fairways Quarters	*Dendrobium crumenatum*	Orchidaceae	Native	Common	Epiphyte
89	Forested Area Adjacent to Fairways Quarters	*Desmodium heterophyllum*	Fabaceae	Cryptogenic	-	Herb
90	Forested Area Adjacent to Fairways Quarters	*Desmodium triflorum*	Fabaceae	Cryptogenic	-	Herb
91	Forested Area Adjacent to Fairways Quarters	*Dicranopteris linearis*	Gleicheniaceae	Native	Common	Climber
92	Forested Area Adjacent to Fairways Quarters	*Dieffenbachia seguine var. seguine*	Araceae	Exotic	Casual	Herb
93	Forested Area Adjacent to Fairways Quarters	*Dillenia* sp.	Dilleniaceae	Native	-	-
94	Forested Area Adjacent to Fairways Quarters	*Dillenia suffruticosa*	Dilleniaceae	Native	Common	Shrub
95	Forested Area Adjacent to Fairways Quarters	*Dracaena fragrans*	Ruscaceae	Exotic	Casual	Shrub
96	Forested Area Adjacent to Fairways Quarters	*Dracaena surculosa*	Ruscaceae	Exotic	Cultivated Only	Shrub
97	Forested Area Adjacent to Fairways Quarters	*Drynaria quercifolia*	Polypodiaceae	Native	Common	Epiphyte
98	Forested Area Adjacent to Fairways Quarters	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree
99	Forested Area Adjacent to Fairways Quarters	*Dypsis lutescens*	Arecaceae	Exotic	Cultivated Only	Shrub
100	Forested Area Adjacent to Fairways Quarters	*Eclipta prostrata*	Asteraceae	Exotic	Naturalised	Herb
101	Forested Area Adjacent to Fairways Quarters	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree
102	Forested Area Adjacent to Fairways Quarters	*Elaeocarpus angustifolius*	Elaeocarpaceae	Exotic	Cultivated Only	Tree
103	Forested Area Adjacent to Fairways Quarters	*Elaeocarpus ferrugineus*	Elaeocarpaceae	Native	Common	Tree
104	Forested Area Adjacent to Fairways Quarters	*Elaeocarpus petiolatus*	Elaeocarpaceae	Native	Common	Tree
105	Forested Area Adjacent to Fairways Quarters	*Eleusine indica*	Poaceae	Exotic	Naturalised	Herb
106	Forested Area Adjacent to Fairways Quarters	*Emilia sonchifolia*	Asteraceae	Cryptogenic	-	Herb
107	Forested Area Adjacent to Fairways Quarters	*Endospermum* sp.	Euphorbiaceae	Native	Vulnerable	Tree
108	Forested Area Adjacent to Fairways Quarters	*Eragrostis amabilis*	Poaceae	Cryptogenic	-	Herb
109	Forested Area Adjacent to Fairways Quarters	*Erycibe tomentosa*	Convolvulaceae	Native	Common	Climber
110	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree
111	Forested Area Adjacent to Fairways Quarters	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree
112	Forested Area Adjacent to Fairways Quarters	*Fibraurea tinctoria*	Menispermaceae	Native	Common	Climber
113	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree
114	Forested Area Adjacent to Fairways Quarters	*Ficus barteri*	Moraceae	Exotic	Cultivated Only	Tree
115	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler
116	Forested Area Adjacent to Fairways Quarters	*Ficus fistulosa*	Moraceae	Native	Common	Tree
117	Forested Area Adjacent to Fairways Quarters	*Ficus glandulifera*	Moraceae	Native	Critically Endangered	Tree
118	Forested Area Adjacent to Fairways Quarters	*Ficus globosa*	Moraceae	Native	Endangered	Shrub
119	Forested Area Adjacent to Fairways Quarters	*Ficus grossularioides* var. *grossularioides*	Moraceae	Native	Common	Tree
120	Forested Area Adjacent to Fairways Quarters	*Ficus heteropleura*	Moraceae	Native	Common	Climber
121	Forested Area Adjacent to Fairways Quarters	*Ficus hispida*	Moraceae	Exotic	Naturalised	Tree
122	Forested Area Adjacent to Fairways Quarters	*Ficus kerkhovenii*	Moraceae	Native	Critically Endangered	Strangler
123	Forested Area Adjacent to Fairways Quarters	*Ficus lyrata*	Moraceae	Exotic	Cultivated Only	Tree
124	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler
125	Forested Area Adjacent to Fairways Quarters	*Ficus punctata*	Moraceae	Native	Common	Climber
126	Forested Area Adjacent to Fairways Quarters	*Ficus religiosa*	Moraceae	Exotic	Naturalised	Strangler
127	Forested Area Adjacent to Fairways Quarters	*Ficus variegata*	Moraceae	Native	Common	Tree
128	Forested Area Adjacent to Fairways Quarters	*Fimbristylis dichotoma*	Cyperaceae	Cryptogenic	-	Herb
129	Forested Area Adjacent to Fairways Quarters	*Flagellaria indica*	Flagellariaceae	Native	Common	Climber
130	Forested Area Adjacent to Fairways Quarters	*Gironniera nervosa*	Cannabaceae	Native	Common	Tree

S/N	Site	Species	Family	Origin	Status	Habit
131	Forested Area Adjacent to Fairways Quarters	*Gloriosa superba*	Colchicaceae	Exotic	Casual	Climber
132	Forested Area Adjacent to Fairways Quarters	*Gnetum gnemon* var. *gnemon*	Gnetaceae	Native	Critically Endangered	Tree
133	Forested Area Adjacent to Fairways Quarters	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte
134	Forested Area Adjacent to Fairways Quarters	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub
135	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree
136	Forested Area Adjacent to Fairways Quarters	*Gymnacranthera farquhariana* var. *farquhariana*	Myristicaceae	Native	Critically Endangered	Tree
137	Forested Area Adjacent to Fairways Quarters	*Gynotroches axillaris*	Rhizophoraceae	Native	Common	Tree
138	Forested Area Adjacent to Fairways Quarters	*Hedyotis auricularia*	Rubiaceae	Native	Common	Herb
139	Forested Area Adjacent to Fairways Quarters	*Heliconia* cultivar	Heliconiaceae	Exotic	-	Shrub
140	Forested Area Adjacent to Fairways Quarters	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree
141	Forested Area Adjacent to Fairways Quarters	*Hyptis capitata*	Lamiaceae	Exotic	Naturalised	Herb
142	Forested Area Adjacent to Fairways Quarters	*Indorouchera griffithiana*	Linaceae	Native	Common	Climber
143	Forested Area Adjacent to Fairways Quarters	*Ischaemum ciliare*	Poaceae	Cryptogenic	-	Herb
144	Forested Area Adjacent to Fairways Quarters	*Ischaemum muticum*	Poaceae	Native	Common	Herb
145	Forested Area Adjacent to Fairways Quarters	*Ixora chinensis*	Rubiaceae	Exotic	Cultivated Only	Shrub
146	Forested Area Adjacent to Fairways Quarters	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree
147	Forested Area Adjacent to Fairways Quarters	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree
148	Forested Area Adjacent to Fairways Quarters	*Kyllinga brevifolia*	Cyperaceae	Cryptogenic	-	Herb
149	Forested Area Adjacent to Fairways Quarters	*Kyllinga nemoralis*	Cyperaceae	Cryptogenic	-	Herb
150	Forested Area Adjacent to Fairways Quarters	*Kyllinga polyphylla*	Cyperaceae	Exotic	Naturalised	Herb
151	Forested Area Adjacent to Fairways Quarters	*Lantana camara*	Verbenaceae	Exotic	Naturalised	Shrub
152	Forested Area Adjacent to Fairways Quarters	*Leea indica*	Vitaceae	Native	Common	Tree
153	Forested Area Adjacent to Fairways Quarters	*Legazpia polygonoides*	Linderniaceae	Exotic	Not assessed	Herb
154	Forested Area Adjacent to Fairways Quarters	*Lepisanthes alata*	Sapindaceae	Exotic	Cultivated Only	Tree
155	Forested Area Adjacent to Fairways Quarters	*Lepisanthes rubiginosa*	Sapindaceae	Native	Common	Tree
156	Forested Area Adjacent to Fairways Quarters	*Leucaena leucocephala*	Fabaceae	Exotic	Naturalised	Tree
157	Forested Area Adjacent to Fairways Quarters	*Licuala grandis*	Arecaceae	Exotic	Cultivated Only	Tree
158	Forested Area Adjacent to Fairways Quarters	*Litsea elliptica*	Lauraceae	Native	Common	Tree
159	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree
160	Forested Area Adjacent to Fairways Quarters	*Ludwigia hyssopifolia*	Onagraceae	Cryptogenic	-	Herb
161	Forested Area Adjacent to Fairways Quarters	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber
162	Forested Area Adjacent to Fairways Quarters	*Macaranga bancana*	Euphorbiaceae	Native	Common	Tree
163	Forested Area Adjacent to Fairways Quarters	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree
164	Forested Area Adjacent to Fairways Quarters	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree
165	Forested Area Adjacent to Fairways Quarters	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree
166	Forested Area Adjacent to Fairways Quarters	*Macaranga heynei*	Euphorbiaceae	Native	Common	Tree
167	Forested Area Adjacent to Fairways Quarters	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree
168	Forested Area Adjacent to Fairways Quarters	*Macaranga hypoleuca*	Euphorbiaceae	Native	Common	Tree
169	Forested Area Adjacent to Fairways Quarters	*Macrosolen cochinchinensis*	Loranthaceae	Native	Common	Epiphyte
170	Forested Area Adjacent to Fairways Quarters	*Mallotus paniculatus*	Euphorbiaceae	Native	Common	Tree
171	Forested Area Adjacent to Fairways Quarters	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree
172	Forested Area Adjacent to Fairways Quarters	*Mangifera odorata*	Anacardiaceae	Native	Vulnerable	Tree
173	Forested Area Adjacent to Fairways Quarters	*Manihot carthagenensis* ssp. *glaziovii*	Euphorbiaceae	Exotic	Naturalised	Tree
174	Forested Area Adjacent to Fairways Quarters	*Manilkara zapota*	Sapotaceae	Exotic	Cultivated Only	Tree
175	Forested Area Adjacent to Fairways Quarters	*Megathyrsus maximus*	Poaceae	Exotic	Naturalised	Herb
176	Forested Area Adjacent to Fairways Quarters	*Melastoma malabathricum*	Melastomataceae	Native	Common	Shrub
177	Forested Area Adjacent to Fairways Quarters	*Melothria pendula*	Cucurbitaceae	Exotic	Not assessed	Climber
178	Forested Area Adjacent to Fairways Quarters	*Merremia umbellata*	Convolvulaceae	Cryptogenic	-	Climber
179	Forested Area Adjacent to Fairways Quarters	*Microlepia speluncae*	Dennstaedtiaceae	Native	Common	Herb
180	Forested Area Adjacent to Fairways Quarters	*Microsorum scolopendria*	Polypodiaceae	Native	Common	Epiphyte
181	Forested Area Adjacent to Fairways Quarters	*Mikania micrantha*	Asteraceae	Exotic	Naturalised	Climber
182	Forested Area Adjacent to Fairways Quarters	*Mimosa pudica*	Fabaceae	Exotic	Naturalised	Shrub
183	Forested Area Adjacent to Fairways Quarters	*Morella esculenta*	Myricaceae	Native	Common	Tree
184	Forested Area Adjacent to Fairways Quarters	*Morinda citrifolia*	Rubiaceae	Cryptogenic	-	Tree
185	Forested Area Adjacent to Fairways Quarters	*Moringa oleifera*	Rubiaceae	Exotic	Cultivated Only	Tree
186	Forested Area Adjacent to Fairways Quarters	*Murraya paniculata*	Rutaceae	Exotic	Cultivated Only	Shrub
187	Forested Area Adjacent to Fairways Quarters	*Musa acuminata*	Musaceae	Exotic	Cultivated Only	Shrub
188	Forested Area Adjacent to Fairways Quarters	*Musa cultivar*	Musaceae	Exotic	Not assessed	Herb
189	Forested Area Adjacent to Fairways Quarters	*Myristica fragrans*	Myristicaceae	Exotic	Cultivated Only	Tree
190	Forested Area Adjacent to Fairways Quarters	*Neolitsea cassia*	Lauraceae	Native	Vulnerable	Tree
191	Forested Area Adjacent to Fairways Quarters	*Nepenthes gracilis*	Nepenthaceae	Native	Common	Climber
192	Forested Area Adjacent to Fairways Quarters	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree
193	Forested Area Adjacent to Fairways Quarters	*Nephrolepis biserrata*	Oleandraceae	Cryptogenic	-	Herb
194	Forested Area Adjacent to Fairways Quarters	*Nephrolepis* cf. *acutifolia*	Oleandraceae	Native	Endangered	Epiphyte
195	Forested Area Adjacent to Fairways Quarters	*Oldenlandia corymbosa*	Rubiaceae	Exotic	Naturalised	Herb

S/N	Site	Species	Family	Origin	Status	Habit
196	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub
197	Forested Area Adjacent to Fairways Quarters	*Ottochloa nodosa*	Poaceae	Native	Common	Herb
198	Forested Area Adjacent to Fairways Quarters	*Oxalis barrelieri*	Oxalidaceae	Exotic	Naturalised	Herb
199	Forested Area Adjacent to Fairways Quarters	*Paederia foetida*	Rubiaceae	Native	Common	Climber
200	Forested Area Adjacent to Fairways Quarters	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree
201	Forested Area Adjacent to Fairways Quarters	*Pandanus amaryllifolius*	Pandanaceae	Exotic	Casual	Shrub
202	Forested Area Adjacent to Fairways Quarters	*Pellacalyx axillaris*	Rhizophoraceae	Native	Endangered	Tree
203	Forested Area Adjacent to Fairways Quarters	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree
204	Forested Area Adjacent to Fairways Quarters	*Philodendron erubescens* 'Gold'	Araceae	Exotic	Cultivated Only	Climber
205	Forested Area Adjacent to Fairways Quarters	*Philodendron hederaceum*	Araceae	Exotic	Casual	Herb
206	Forested Area Adjacent to Fairways Quarters	*Phlegmariurus carinatus*	Lycopodiaceae	Native	Presumed Extinct	Epiphyte
207	Forested Area Adjacent to Fairways Quarters	*Phyllanthus myrtifolius*	Phyllanthaceae	Exotic	Cultivated Only	Shrub
208	Forested Area Adjacent to Fairways Quarters	*Phyllanthus urinaria*	Phyllanthaceae	Exotic	Naturalised	Herb
209	Forested Area Adjacent to Fairways Quarters	*Piper betle*	Piperaceae	Exotic	Casual	Climber
210	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber
211	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree
212	Forested Area Adjacent to Fairways Quarters	*Plectranthus monostachyus*	Lamiaceae	Exotic	Not assessed	Herb
213	Forested Area Adjacent to Fairways Quarters	*Polyalthia longifolia*	Annonaceae	Exotic	Cultivated Only	Tree
214	Forested Area Adjacent to Fairways Quarters	*Praxelis clematidea*	Asteraceae	Exotic	Naturalised	Herb
215	Forested Area Adjacent to Fairways Quarters	*Prunus polystachya*	Rosaceae	Native	Common	Tree
216	Forested Area Adjacent to Fairways Quarters	*Psychotria sarmentosa*	Rubiaceae	Native	Critically Endangered	Climber
217	Forested Area Adjacent to Fairways Quarters	*Pteris ensiformis*	Pteridaceae	Cryptogenic	-	Herb
218	Forested Area Adjacent to Fairways Quarters	*Pternandra caerulescens*	Melastomataceae	Native	Vulnerable	Tree
219	Forested Area Adjacent to Fairways Quarters	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree
220	Forested Area Adjacent to Fairways Quarters	*Ptychosperma macarthurii*	Arecaceae	Exotic	Naturalised	Tree
221	Forested Area Adjacent to Fairways Quarters	*Pyrrosia lanceolata*	Polypodiaceae	Native	Common	Epiphyte
222	Forested Area Adjacent to Fairways Quarters	*Pyrrosia piloselloides*	Polypodiaceae	Native	Common	Epiphyte
223	Forested Area Adjacent to Fairways Quarters	*Ravenala madagascariensis*	Strelitziaceae	Exotic	Cultivated Only	Tree
224	Forested Area Adjacent to Fairways Quarters	*Rhapis excelsa*	Arecaceae	Exotic	Cultivated Only	Shrub
225	Forested Area Adjacent to Fairways Quarters	*Rhodamnia cinerea*	Myrtaceae	Native	Common	Tree
226	Forested Area Adjacent to Fairways Quarters	*Ruellia repens*	Acanthaceae	Cryptogenic	-	Herb
227	Forested Area Adjacent to Fairways Quarters	*Sacciolepis indica*	Poaceae	Cryptogenic	-	Herb
228	Forested Area Adjacent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree
229	Forested Area Adjacent to Fairways Quarters	*Sauropus androgynus*	Phyllanthaceae	Native	Common	Shrub
230	Forested Area Adjacent to Fairways Quarters	*Schefflera actinophylla*	Araliaceae	Exotic	Casual	Tree
231	Forested Area Adjacent to Fairways Quarters	*Selaginella ciliaris*	Selaginellaceae	Native	Common	Climber
232	Forested Area Adjacent to Fairways Quarters	*Senna siamea*	Fabaceae	Exotic	Cultivated Only	Tree
233	Forested Area Adjacent to Fairways Quarters	*Solanum torvum*	Solanaceae	Exotic	Naturalised	Shrub
234	Forested Area Adjacent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree
235	Forested Area Adjacent to Fairways Quarters	*Spermacoce exilis*	Rubiaceae	Cryptogenic	-	Herb
236	Forested Area Adjacent to Fairways Quarters	*Spermacoce latifolia*	Rubiaceae	Exotic	Naturalised	Herb
237	Forested Area Adjacent to Fairways Quarters	*Sphagneticola trilobata*	Asteraceae	Exotic	Naturalised	Herb
238	Forested Area Adjacent to Fairways Quarters	*Spigelia anthelmia*	Loganiaceae	Exotic	Naturalised	Herb
239	Forested Area Adjacent to Fairways Quarters	*Sporobolus indicus*	Poaceae	Native	Common	Herb
240	Forested Area Adjacent to Fairways Quarters	*Stenochlaena palustris*	Blechnaceae	Native	Common	Climber
241	Forested Area Adjacent to Fairways Quarters	*Stenotaphrum secundatum*	Poaceae	Exotic	Naturalised	Herb
242	Forested Area Adjacent to Fairways Quarters	*Sterculia parviflora*	Malvaceae	Native	Critically Endangered	Tree
243	Forested Area Adjacent to Fairways Quarters	*Striga asiatica*	Orobanchaceae	Cryptogenic	-	Herb
244	Forested Area Adjacent to Fairways Quarters	*Strophanthus caudatus*	Apocynaceae	Native	Endangered	Climber
245	Forested Area Adjacent to Fairways Quarters	*Struchium sparganophorum*	Asteraceae	Exotic	Naturalised	Herb
246	Forested Area Adjacent to Fairways Quarters	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree
247	Forested Area Adjacent to Fairways Quarters	*Syngonium podophyllum*	Araceae	Exotic	Naturalised	Climber
248	Forested Area Adjacent to Fairways Quarters	*Syzygium borneense*	Myrtaceae	Native	Common	Tree
249	Forested Area Adjacent to Fairways Quarters	*Syzygium* cf. *fastigiatum*	Myrtaceae	Not assessed	-	Tree
250	Forested Area Adjacent to Fairways Quarters	*Syzygium* cf. *pustulatum*	Myrtaceae	Native	Critically Endangered	Tree
251	Forested Area Adjacent to Fairways Quarters	*Syzygium grande*	Myrtaceae	Native	Common	Tree
252	Forested Area Adjacent to Fairways Quarters	*Syzygium lineatum*	Myrtaceae	Native	Common	Tree
253	Forested Area Adjacent to Fairways Quarters	*Syzygium malaccense*	Myrtaceae	Exotic	Casual	Tree
254	Forested Area Adjacent to Fairways Quarters	*Syzygium myrtifolium*	Myrtaceae	Native	Presumed Extinct	Tree
255	Forested Area Adjacent to Fairways Quarters	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree
256	Forested Area Adjacent to Fairways Quarters	*Syzygium zeylanicum*	Myrtaceae	Native	Common	Shrub
257	Forested Area Adjacent to Fairways Quarters	*Tabebuia rosea*	Bignoniaceae	Exotic	Casual	Tree
258	Forested Area Adjacent to Fairways Quarters	*Taenitis blechnoides*	Pteridaceae	Native	Common	Climber
259	Forested Area Adjacent to Fairways Quarters	*Terminalia catappa*	Combretaceae	Native	Common	Tree
260	Forested Area Adjacent to Fairways Quarters	*Tetracera indica*	Dilleniaceae	Native	Common	Climber

S/N	Site	Species	Family	Origin	Status	Habit
261	Forested Area Adjacent to Fairways Quarters	*Thaumatococcus daniellii*	Marantaceae	Exotic	Casual	Shrub
262	Forested Area Adjacent to Fairways Quarters	*Thyrsostachys siamensis*	Poaceae	Exotic	Casual	Shrub
263	Forested Area Adjacent to Fairways Quarters	*Timonius wallichianus*	Rubiaceae	Native	Common	Tree
264	Forested Area Adjacent to Fairways Quarters	*Tradescantia spathacea*	Commelinaceae	Exotic	Cultivated Only	Shrub
265	Forested Area Adjacent to Fairways Quarters	*Triadica cochinchinensis*	Euphorbiaceae	Native	Common	Tree
266	Forested Area Adjacent to Fairways Quarters	*Uncaria longiflora* var. *pteropoda*	Rubiaceae	Native	Critically Endangered	Climber
267	Forested Area Adjacent to Fairways Quarters	*Vitex pinnata*	Lamiaceae	Native	Common	Tree
268	Forested Area Adjacent to Fairways Quarters	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree
269	Forested Area Adjacent to Fairways Quarters	*Xanthophyllum eurhynchum*	Polygalaceae	Native	Vulnerable	Shrub
270	Forested Area Adjacent to Fairways Quarters	*Xylopia malayana*	Annonaceae	Native	Common	Tree

Appendix C3

List of Plant Species in Windsor

S/N	Site	Species	Family	Origin	Status	Habit
1	Windsor	*Acalypha siamensis*	Euphorbiaceae	Exotic	Casual	Shrub
2	Windsor	*Acrostichum aureum*	Pteridaceae	Native	Common	Herb
3	Windsor	*Adenanthera pavonina*	Fabaceae	Exotic	Naturalised	Tree
4	Windsor	*Adiantum latifolium*	Adiantaceae	Exotic	Naturalised	Herb
5	Windsor	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber
6	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber
7	Windsor	*Aglaia odorata*	Meliaceae	Exotic	Cultivated Only	Shrub
8	Windsor	*Aglaonema commutatum*	Araceae	Exotic	Casual	Herb
9	Windsor	*Aidia densiflora*	Rubiaceae	Native	Vulnerable	Tree
10	Windsor	*Alocasia macrorrhizos*	Araceae	Exotic	Naturalised	Herb
11	Windsor	*Alpinia aquatica*	Zingiberaceae	Native	Critically Endangered	Herb
12	Windsor	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree
13	Windsor	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree
14	Windsor	*Alstonia spatulata*	Apocynaceae	Native	Vulnerable	Tree
15	Windsor	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber
16	Windsor	*Anaxagorea* cf. *javanica*	Annonaceae	Native	Critically Endangered	Tree
17	Windsor	*Andira inermis*	Fabaceae	Exotic	Casual	Tree
18	Windsor	*Angiopteris evecta*	Marattiaceae	Native	Vulnerable	Herb
19	Windsor	*Antidesma bunius*	Phyllanthaceae	Exotic	Casual	Tree
20	Windsor	*Antigonon leptopus*	Polygonaceae	Exotic	Casual	Climber
21	Windsor	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree
22	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree
23	Windsor	*Aporosa frutescens*	Phyllanthaceae	Native	Common	Tree
24	Windsor	*Aporosa* cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree
25	Windsor	*Aporosa nervosa*	Phyllanthaceae	Native	Vulnerable	Tree
26	Windsor	*Aporosa subcaudata*	Phyllanthaceae	Native	Endangered	Tree
27	Windsor	*Aquilaria malaccensis*	Thymelaeaceae	Native	Vulnerable	Tree
28	Windsor	*Archidendron clypearia*	Fabaceae	Native	Common	Tree
29	Windsor	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree
30	Windsor	*Archontophoenix alexandrae*	Arecaceae	Exotic	Cultivated Only	Tree
31	Windsor	*Ardisia elliptica*	Myrsinaceae	Native	Endangered	Tree
32	Windsor	*Areca catechu*	Arecaceae	Exotic	Casual	Tree
33	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber
34	Windsor	*Arthrophyllum diversifolium*	Araliaceae	Native	Common	Tree
35	Windsor	*Artocarpus elasticus*	Moraceae	Native	Common	Tree
36	Windsor	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree
37	Windsor	*Arundina graminifolia*	Orchidaceae	Native	Common	Herb
38	Windsor	*Asplenium longissimum*	Aspleniaceae	Native	Common	Epiphyte
39	Windsor	*Asplenium nidus*	Aspleniaceae	Native	Common	Epiphyte
40	Windsor	*Asystasia gangetica* ssp. *micrantha*	Acanthaceae	Exotic	Naturalised	Herb
41	Windsor	*Averrhoa carambola*	Oxalidaceae	Exotic	Casual	Tree
42	Windsor	*Axonopus compressus*	Poaceae	Exotic	Naturalised	Herb
43	Windsor	*Baccaurea motleyana*	Phyllanthaceae	Native	Critically Endangered	Tree
44	Windsor	*Baccaurea parviflora*	Phyllanthaceae	Native	Common	Tree
45	Windsor	*Baccaurea sumatrana*	Phyllanthaceae	Native	Vulnerable	Tree
46	Windsor	*Bambusa heterostachya*	Poaceae	Exotic	Casual	Shrub
47	Windsor	*Bambusa multiplex*	Poaceae	Exotic	Cultivated Only	Shrub
48	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub
49	Windsor	*Baphia nitida*	Fabaceae	Exotic	Casual	Shrub
50	Windsor	*Barringtonia racemosa*	Lecythidaceae	Native	Critically Endangered	Tree
51	Windsor	*Bentinckia nicobarica*	Arecaceae	Exotic	Cultivated Only	Tree
52	Windsor	*Blechnum finlaysonianum*	Blechnaceae	Native	Vulnerable	Herb
53	Windsor	*Blumeodendron tokbrai*	Euphorbiaceae	Native	Vulnerable	Tree
54	Windsor	*Bouea macrophylla*	Anacardiaceae	Native	Critically Endangered	Tree
55	Windsor	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree
56	Windsor	*Caesalpinia pulcherrima*	Fabaceae	Exotic	Cultivated Only	Shrub
57	Windsor	*Calathea majestica*	Marantaceae	Exotic	Cultivated Only	Shrub
58	Windsor	*Calophyllum ferrugineum*	Calophyllaceae	Native	Common	Tree
59	Windsor	*Calophyllum pulcherrimum*	Calophyllaceae	Native	Common	Tree
60	Windsor	*Calophyllum soulattri*	Calophyllaceae	Exotic	Not assessed	Tree
61	Windsor	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree
62	Windsor	*Calopogonium mucunoides*	Fabaceae	Exotic	Naturalised	Climber
63	Windsor	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree
64	Windsor	*Canna generalis*	Cannaceae	Exotic	Not assessed	Herb
65	Windsor	*Canthium glabrum*	Rubiaceae	Native	Endangered	Tree
66	Windsor	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree
67	Windsor	*Caryota mitis*	Arecaceae	Native	Common	Tree
68	Windsor	*Centella asiatica*	Apiaceae	Native	Common	Herb
69	Windsor	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb
70	Windsor	*Ceratopteris thalictroides*	Pteridaceae	Cryptogenic	-	Herb

S/N	Site	Species	Family	Origin	Status	Habit
71	Windsor	*Champereia manillana*	Opiliaceae	Native	Common	Tree
72	Windsor	*Cheilocostus speciosus*	Costaceae	Native	Common	Shrub
73	Windsor	*Christella parasitica*	Thelypteridaceae	Cryptogenic	-	Herb
74	Windsor	*Christella subpubescens*	Thelypteridaceae	Native	Common	Herb
75	Windsor	*Cinnamomum iners*	Lauraceae	Native	Common	Tree
76	Windsor	*Cissus hastata*	Vitaceae	Cryptogenic	-	Climber
77	Windsor	*Citrus hystrix*	Rutaceae	Exotic	Not assessed	Tree
78	Windsor	*Citrus × aurantiifolia*	Rutaceae	Exotic	Cultivated Only	Tree
79	Windsor	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree
80	Windsor	*Clausena excavata*	Rutaceae	Native	Common	Shrub
81	Windsor	*Cleistanthus sumatranus*	Phyllanthaceae	Native	Vulnerable	Tree
82	Windsor	*Cleome rutidosperma*	Cleomaceae	Exotic	Naturalised	Herb
83	Windsor	*Clerodendrum paniculatum*	Lamiaceae	Exotic	Casual	Shrub
84	Windsor	*Clerodendrum villosum*	Lamiaceae	Native	Vulnerable	Shrub
85	Windsor	*Clidemia hirta*	Melastomataceae	Exotic	Naturalised	Shrub
86	Windsor	*Clitoria ternatea*	Fabaceae	Exotic	Naturalised	Climber
87	Windsor	*Coccinia grandis*	Cucurbitaceae	Exotic	Naturalised	Climber
88	Windsor	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree
89	Windsor	*Cola nitida*	Malvaceae	Exotic	Cultivated Only	Tree
90	Windsor	*Colocasia esculenta*	Araceae	Exotic	Casual	Herb
91	Windsor	*Commelina diffusa*	Commelinaceae	Cryptogenic	-	Herb
92	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber
93	Windsor	*Cordyline fruticosa*	Asparagaceae	Exotic	Casual	Shrub
94	Windsor	*Costus woodsonii*	Costaceae	Exotic	Cultivated Only	Herb
95	Windsor	*Cratoxylum cochinchinense*	Hypericaceae	Native	Endangered	Tree
96	Windsor	*Crinum asiaticum*	Amaryllidaceae	Native	Critically Endangered	Herb
97	Windsor	*Cryptocarya* cf. *nitens*	Lauraceae	Native	Not assessed	Tree
98	Windsor	*Cryptocoryne griffithii*	Araceae	Native	Critically Endangered	Herb
99	Windsor	*Cyclosorus interruptus*	Thelypteridaceae	Native	Common	Herb
100	Windsor	*Cyclosorus triphyllus* var. *triphyllus*	Thelypteridaceae	Native	Common	Herb
101	Windsor	*Cynometra cauliflora*	Fabaceae	Exotic	Cultivated Only	Tree
102	Windsor	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree
103	Windsor	*Cyrtostachys renda*	Arecaceae	Native	Presumed Extinct	Shrub
104	Windsor	*Daemonorops* cf. *angustifolia*	Arecaceae	Native	Vulnerable	Climber
105	Windsor	*Davallia denticulata*	Davalliaceae	Native	Common	Epiphyte
106	Windsor	*Desmodium triflorum*	Fabaceae	Cryptogenic	-	Herb
107	Windsor	*Dianella ensifolia*	Xanthorrhoeaceae	Native	Common	Herb
108	Windsor	*Dieffenbachia seguine* var. *seguine*	Araceae	Exotic	Casual	Herb
109	Windsor	*Dillenia suffruticosa*	Dilleniaceae	Native	Common	Shrub
110	Windsor	*Dimocarpus longan* ssp. *malesianus*	Sapindaceae	Exotic	Casual	Tree
111	Windsor	*Dioscorea sansibarensis*	Dioscoreaceae	Exotic	Naturalised	Climber
112	Windsor	*Diospyros buxifolia*	Ebenaceae	Native	Vulnerable	Tree
113	Windsor	*Donax canniformis*	Marantaceae	Native	Endangered	Herb
114	Windsor	*Dracaena braunii*	Ruscaceae	Exotic	Cultivated Only	Shrub
115	Windsor	*Dracaena fragrans*	Ruscaceae	Exotic	Casual	Shrub
116	Windsor	*Dracaena surculosa*	Ruscaceae	Exotic	Cultivated Only	Shrub
117	Windsor	*Dracaena umbratica*	Asparagaceae	Native	Vulnerable	Shrub
118	Windsor	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree
119	Windsor	*Dyera costulata*	Apocynaceae	Native	Common	Tree
120	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree
121	Windsor	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree
122	Windsor	*Elaeocarpus angustifolius*	Elaeocarpaceae	Exotic	Cultivated Only	Tree
123	Windsor	*Elaeocarpus ferrugineus*	Elaeocarpaceae	Native	Common	Tree
124	Windsor	*Elaeocarpus mastersii*	Elaeocarpaceae	Native	Common	Tree
125	Windsor	*Elaeocarpus nitidus*	Elaeocarpaceae	Native	Vulnerable	Tree
126	Windsor	*Elaeocarpus petiolatus*	Elaeocarpaceae	Native	Common	Tree
127	Windsor	*Elaeocarpus rugosus*	Elaeocarpaceae	Native	Critically Endangered	Tree
128	Windsor	*Enkleia malaccensis*	Thymelaeaceae	Native	Critically Endangered	Climber
129	Windsor	*Epipremnum aureum*	Araceae	Exotic	Casual	Climber
130	Windsor	*Epipremnum pinnatum*	Araceae	Native	Critically Endangered	Climber
131	Windsor	*Erycibe tomentosa*	Convolvulaceae	Native	Common	Climber
132	Windsor	*Erythropalum scandens*	Olacaceae	Native	Vulnerable	Climber
133	Windsor	*Eurya acuminata*	Pentaphylacaceae	Native	Common	Shrub
134	Windsor	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree
135	Windsor	*Fibraurea tinctoria*	Menispermaceae	Native	Common	Climber
136	Windsor	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler
137	Windsor	*Ficus fistulosa*	Moraceae	Native	Common	Tree
138	Windsor	*Ficus heteropleura*	Moraceae	Native	Common	Climber
139	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler
140	Windsor	*Ficus punctata*	Moraceae	Native	Common	Climber

S/N	Site	Species	Family	Origin	Status	Habit
141	Windsor	*Ficus variegata*	Moraceae	Native	Common	Tree
142	Windsor	*Flacourtia inermis*	Salicaceae	Exotic	Cultivated Only	Tree
143	Windsor	*Friesodielsia latifolia*	Annonaceae	Native	Common	Climber
144	Windsor	*Garcinia forbesii*	Clusiaceae	Native	Critically Endangered	Tree
145	Windsor	*Garcinia mangostana*	Clusiaceae	Exotic	Casual	Tree
146	Windsor	*Garcinia parvifolia*	Clusiaceae	Native	Common	Tree
147	Windsor	*Gironniera nervosa*	Cannabaceae	Native	Common	Tree
148	Windsor	*Gironniera subaequalis*	Cannabaceae	Native	Endangered	Tree
149	Windsor	*Glochidion zeylanicum* var. *zeylanicum*	Phyllanthaceae	Native	Vulnerable	Tree
150	Windsor	*Gnetum gnemon* var. *gnemon*	Gnetaceae	Native	Critically Endangered	Tree
151	Windsor	*Gnetum* sp.	Gnetaceae	Native	Critically Endangered	Climber
152	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte
153	Windsor	*Grewia laevigata*	Malvaceae	Native	Vulnerable	Climber
154	Windsor	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree
155	Windsor	*Gustavia superba*	Lecythidaceae	Exotic	Cultivated Only	Tree
156	Windsor	*Gymnacranthera* cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree
157	Windsor	*Gynochthodes sublanceolata*	Rubiaceae	Native	Common	Climber
158	Windsor	*Gynotroches axillaris*	Rhizophoraceae	Native	Common	Tree
159	Windsor	*Hedyotis auricularia*	Rubiaceae	Native	Common	Herb
160	Windsor	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree
161	Windsor	*Hopea odorata*	Dipterocarpaceae	Exotic	Cultivated Only	Tree
162	Windsor	*Horsfieldia irya*	Myristicaceae	Native	Critically Endangered	Tree
163	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree
164	Windsor	*Hoya verticillata var. verticillata*	Apocynaceae	Native	Common	Climber
165	Windsor	*Hydrilla verticillata*	Hydrocharitaceae	Cryptogenic	-	Herb
166	Windsor	*Hymenaea courbaril*	Fabaceae	Exotic	Cultivated Only	Tree
167	Windsor	*Hymenocallis speciosa*	Amaryllidaceae	Exotic	Cultivated Only	Herb
168	Windsor	*Hypolytrum nemorum*	Cyperaceae	Native	Common	Herb
169	Windsor	*Ilex cymosa*	Aquifoliaceae	Native	Common	Tree
170	Windsor	*Indorouchera griffithiana*	Linaceae	Native	Common	Climber
171	Windsor	*Ipomoea cairica*	Convolvulaceae	Exotic	Naturalised	Climber
172	Windsor	*Ipomoea* sp.	Convolvulaceae	-	-	Climber
173	Windsor	*Isachne globosa*	Poaceae	Cryptogenic	-	Herb
174	Windsor	*Ischaemum muticum*	Poaceae	Native	Common	Herb
175	Windsor	*Ixonanthes reticulata*	Ixonanthaceae	Native	Common	Tree
176	Windsor	*Ixora* cultivar	Rubiaceae	Exotic	Not assessed	Shrub
177	Windsor	*Justicia comata*	Acanthaceae	Exotic	Not assessed	Herb
178	Windsor	*Justicia gendarussa*	Acanthaceae	Exotic	Cultivated Only	Shrub
179	Windsor	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree
180	Windsor	*Knema malayana*	Myristicaceae	Native	Endangered	Tree
181	Windsor	*Knema* sp.	Myristicaceae	Native	-	-
182	Windsor	*Kunstleria ridleyi*	Fabaceae	Native	Endangered	Climber
183	Windsor	*Kyllinga nemoralis*	Cyperaceae	Cryptogenic	-	Herb
184	Windsor	*Kyllinga polyphylla*	Cyperaceae	Exotic	Naturalised	Herb
185	Windsor	*Lansium domesticum*	Meliaceae	Exotic	Cultivated Only	Tree
186	Windsor	*Lasia spinosa*	Araceae	Native	Vulnerable	Herb
187	Windsor	*Leea angulata*	Vitaceae	Native	Critically Endangered	Tree
188	Windsor	*Leea indica*	Vitaceae	Native	Common	Tree
189	Windsor	*Leea rubra*	Vitaceae	Native	Presumed Extinct	Shrub
190	Windsor	*Legazpia polygonoides*	Linderniaceae	Exotic	Not assessed	Herb
191	Windsor	*Lepironia articulata*	Cyperaceae	Native	Presumed Extinct	Herb
192	Windsor	*Lepisanthes rubiginosa*	Sapindaceae	Native	Common	Tree
193	Windsor	*Leucaena leucocephala*	Fabaceae	Exotic	Naturalised	Tree
194	Windsor	*Licania splendens*	Chrysobalanaceae	Native	Common	Tree
195	Windsor	*Licuala grandis*	Arecaceae	Exotic	Cultivated Only	Tree
196	Windsor	*Licuala spinosa*	Arecaceae	Native	Vulnerable	Shrub
197	Windsor	*Limnocharis flava*	Alismataceae	Exotic	Naturalised	Shrub
198	Windsor	*Lindernia crustacea*	Linderniaceae	Cryptogenic	-	Herb
199	Windsor	*Litsea elliptica*	Lauraceae	Native	Common	Tree
200	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree
201	Windsor	*Livistona rotundifolia*	Arecaceae	Exotic	Cultivated Only	Tree
202	Windsor	*Lygodium flexuosum*	Schizaeaceae	Native	Common	Climber
203	Windsor	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber
204	Windsor	*Macaranga bancana*	Euphorbiaceae	Native	Common	Tree
205	Windsor	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree
206	Windsor	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree
207	Windsor	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree
208	Windsor	*Macaranga hypoleuca*	Euphorbiaceae	Native	Common	Tree
209	Windsor	*Mallotus paniculatus*	Euphorbiaceae	Native	Common	Tree
210	Windsor	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree

S/N	Site	Species	Family	Origin	Status	Habit
211	Windsor	*Mangifera odorata*	Anacardiaceae	Native	Vulnerable	Tree
212	Windsor	*Manihot carthagenensis* ssp. *glaziovii*	Euphorbiaceae	Exotic	Naturalised	Tree
213	Windsor	*Melaleuca cajuputi*	Myrtaceae	Native	Presumed Extinct	Shrub
214	Windsor	*Melastoma malabathricum*	Melastomataceae	Native	Common	Shrub
215	Windsor	*Melothria pendula*	Cucurbitaceae	Exotic	Not assessed	Climber
216	Windsor	*Memecylon pauciflorum*	Melastomataceae	Native	Presumed Extinct	Tree
217	Windsor	*Microsorum scolopendria*	Polypodiaceae	Native	Common	Epiphyte
218	Windsor	*Mikania micrantha*	Asteraceae	Exotic	Naturalised	Climber
219	Windsor	*Mimosa pudica*	Fabaceae	Exotic	Naturalised	Shrub
220	Windsor	*Monochoria vaginalis*	Pontederiaceae	Cryptogenic	-	Herb
221	Windsor	*Musa* cultivar	Musaceae	Exotic	Not assessed	Herb
222	Windsor	*Nephelium costatum*	Sapindaceae	Native	Critically Endangered	Tree
223	Windsor	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree
224	Windsor	*Nephrolepis biserrata*	Oleandraceae	Cryptogenic	-	Herb
225	Windsor	*Nephrolepis exaltata*	Oleandraceae	Exotic	Cultivated Only	Herb
226	Windsor	*Ochna kirkii*	Ochnaceae	Exotic	Cultivated Only	Shrub
227	Windsor	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub
228	Windsor	*Osmoxylon lineare*	Araliaceae	Exotic	Cultivated Only	Shrub
229	Windsor	*Ottochloa nodosa*	Poaceae	Native	Common	Herb
230	Windsor	*Oxalis barrelieri*	Oxalidaceae	Exotic	Naturalised	Herb
231	Windsor	*Oxyceros bispinosus*	Rubiaceae	Native	Endangered	Climber
232	Windsor	*Oxyceros longiflorus*	Rubiaceae	Native	Vulnerable	Climber
233	Windsor	*Paederia foetida*	Rubiaceae	Native	Common	Climber
234	Windsor	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree
235	Windsor	*Palaquium rostratum*	Sapotaceae	Native	Critically Endangered	Tree
236	Windsor	*Pandanus amaryllifolius*	Pandanaceae	Exotic	Casual	Shrub
237	Windsor	*Parkia speciosa*	Fabaceae	Native	Vulnerable	Tree
238	Windsor	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree
239	Windsor	*Pennisetum purpureum*	Poaceae	Exotic	Naturalised	Herb
240	Windsor	*Pennisetum setaceum*	Poaceae	Exotic	Cultivated Only	Herb
241	Windsor	*Pereskia bleo*	Cactaceae	Exotic	Cultivated Only	Shrub
242	Windsor	*Peristrophe roxburghiana*	Acanthaceae	Cryptogenic	-	Herb
243	Windsor	*Persicaria chinensis* var. *chinensis*	Polygonaceae	Exotic	Naturalised	Herb
244	Windsor	*Phanera semibifida var. semibifida*	Fabaceae	Native	Vulnerable	Climber
245	Windsor	*Philodendron hederaceum*	Araceae	Exotic	Casual	Herb
246	Windsor	*Pilea nummulariifolia*	Urticaceae	Exotic	Cultivated Only	Climber
247	Windsor	*Piper betle*	Piperaceae	Exotic	Casual	Climber
248	Windsor	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber
249	Windsor	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber
250	Windsor	*Piper sarmentosum*	Piperaceae	Native	Common	Climber
251	Windsor	*Pipturus argenteus*	Urticaceae	Exotic	Naturalised	Tree
252	Windsor	*Plectocomia elongata*	Arecaceae	Native	Vulnerable	Climber
253	Windsor	*Podocarpus rumphii*	Podocarpaceae	Exotic	Cultivated Only	Tree
254	Windsor	*Polygala glaucoides*	Polygalaceae	Cryptogenic	-	Herb
255	Windsor	*Pometia pinnata*	Sapindaceae	Native	Endangered	Tree
256	Windsor	*Prunus polystachya*	Rosaceae	Native	Common	Tree
257	Windsor	*Psychotria* cf. *ovoidea*	Rubiaceae	Native	Vulnerable	Climber
258	Windsor	*Psydrax* sp. 10	Rubiaceae	Native	Not assessed	Tree
259	Windsor	*Pteris vittata*	Pteridaceae	Cryptogenic	-	Herb
260	Windsor	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree
261	Windsor	*Ptychosperma macarthurii*	Arecaceae	Exotic	Naturalised	Tree
262	Windsor	*Pyrrosia piloselloides*	Polypodiaceae	Native	Common	Epiphyte
263	Windsor	*Radermachera quadripinnata* ssp. *lobbii*	Bignoniaceae	Native	Critically Endangered	Tree
264	Windsor	*Rhodamnia cinerea*	Myrtaceae	Native	Common	Tree
265	Windsor	*Rinorea anguifera*	Violaceae	Native	Critically Endangered	Tree
266	Windsor	*Rourea asplenifolia*	Connaraceae	Native	Critically Endangered	Climber
267	Windsor	*Rourea fulgens*	Connaraceae	Native	Vulnerable	Climber
268	Windsor	*Roystonea regia*	Arecaceae	Exotic	Cultivated Only	Tree
269	Windsor	*Ruellia repens*	Acanthaceae	Cryptogenic	-	Herb
270	Windsor	*Salacia* cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber
271	Windsor	*Salacia* cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber
272	Windsor	*Salvinia molesta*	Salviniaceae	Exotic	Naturalised	Herb
273	Windsor	*Salvinia* sp.	Salviniaceae	-	-	-
274	Windsor	*Samanea saman*	Fabaceae	Exotic	Casual	Tree
275	Windsor	*Sandoricum koetjape*	Meliaceae	Native	Endangered	Tree
276	Windsor	*Santiria apiculata*	Burseraceae	Native	Common	Tree
277	Windsor	*Santiria laevigata*	Burseraceae	Native	Vulnerable	Tree
278	Windsor	*Schoenoplectus tabernaemontani*	Cyperaceae	Exotic	Not assessed	Herb
279	Windsor	*Scleria ciliaris*	Cyperaceae	Native	Common	Herb
280	Windsor	*Selaginella argentea*	Selaginellaceae	Native	Critically Endangered	Herb

S/N	Site	Species	Family	Origin	Status	Habit
281	Windsor	*Selaginella ciliaris*	Selaginellaceae	Native	Common	Climber
282	Windsor	*Senna alata*	Fabaceae	Exotic	Naturalised	Tree
283	Windsor	*Smilax setosa*	Smilacaceae	Native	Common	Climber
284	Windsor	*Solanum torvum*	Solanaceae	Exotic	Naturalised	Shrub
285	Windsor	*Spathiphyllum cannifolium*	Araceae	Exotic	Cultivated Only	Shrub
286	Windsor	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree
287	Windsor	*Spatholobus ferrugineus*	Fabaceae	Native	Common	Climber
288	Windsor	*Sphagneticola trilobata*	Asteraceae	Exotic	Naturalised	Herb
289	Windsor	*Sterculia cordata*	Malvaceae	Native	Critically Endangered	Tree
290	Windsor	*Sterculia hamiltonii*	Malvaceae	Native	Vulnerable	Shrub
291	Windsor	*Sterculia parviflora*	Malvaceae	Native	Critically Endangered	Tree
292	Windsor	*Streblus elongatus*	Moraceae	Native	Vulnerable	Tree
293	Windsor	*Strobilanthes anisophyllus*	Acanthaceae	Exotic	Not assessed	Herb
294	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree
295	Windsor	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber
296	Windsor	*Struchium sparganophorum*	Asteraceae	Exotic	Naturalised	Herb
297	Windsor	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree
298	Windsor	*Syngonium podophyllum*	Araceae	Exotic	Naturalised	Climber
299	Windsor	*Syzygium aqueum*	Myrtaceae	Exotic	Cultivated Only	Tree
300	Windsor	*Syzygium borneense*	Myrtaceae	Native	Common	Tree
301	Windsor	*Syzygium glaucum*	Myrtaceae	Native	Vulnerable	Tree
302	Windsor	*Syzygium grande*	Myrtaceae	Native	Common	Tree
303	Windsor	*Syzygium jambos*	Myrtaceae	Exotic	Casual	Tree
304	Windsor	*Syzygium lineatum*	Myrtaceae	Native	Common	Tree
305	Windsor	*Syzygium myrtifolium*	Myrtaceae	Native	Presumed Extinct	Tree
306	Windsor	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree
307	Windsor	*Syzygium zeylanicum*	Myrtaceae	Native	Common	Shrub
308	Windsor	*Tabernaemontana divaricata*	Apocynaceae	Exotic	Cultivated Only	Shrub
309	Windsor	*Taenitis blechnoides*	Pteridaceae	Native	Common	Climber
310	Windsor	*Talipariti tiliaceum*	Malvaceae	Native	Common	Tree
311	Windsor	*Tarenna fragrans*	Rubiaceae	Native	Endangered	Shrub
312	Windsor	*Tectaria incisa*	Dryopteridaceae	Cryptogenic	-	Herb
313	Windsor	*Terminalia catappa*	Combretaceae	Native	Common	Tree
314	Windsor	*Tetracera fagifolia*	Dilleniaceae	Native	Vulnerable	Climber
315	Windsor	*Tetracera indica*	Dilleniaceae	Native	Common	Climber
316	Windsor	*Tetracera macrophylla*	Dilleniaceae	Native	Vulnerable	Climber
317	Windsor	*Thaumatococcus daniellii*	Marantaceae	Exotic	Casual	Shrub
318	Windsor	*Theobroma cacao*	Malvaceae	Exotic	Cultivated Only	Tree
319	Windsor	*Thunbergia fragrans*	Acanthaceae	Exotic	Naturalised	Climber
320	Windsor	*Thunbergia laurifolia*	Acanthaceae	Native	Presumed Extinct	Climber
321	Windsor	*Timonius wallichianus*	Rubiaceae	Native	Common	Tree
322	Windsor	*Trema cannabina*	Cannabaceae	Native	Common	Shrub
323	Windsor	*Typha angustifolia*	Typhaceae	Exotic	Naturalised	Herb
324	Windsor	Unknown	-	-	-	-
325	Windsor	Unknown	-	-	-	-
326	Windsor	*Vigna reflexopilosa*	Fabaceae	Exotic	Not assessed	Herb
327	Windsor	*Vitex pinnata*	Lamiaceae	Native	Common	Tree
328	Windsor	*Xylopia malayana*	Annonaceae	Native	Common	Tree
329	Windsor	*Zingiber officinale*	Zingiberaceae	Exotic	Cultivated Only	Herb

Appendix D1

List and Locations of Plants of Conservation Significance in Eng Neo Avenue Forest

S/N	Site	Species	Family	Origin	Status	Habit
1	Eng Neo Avenue Forest	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber
2	Eng Neo Avenue Forest	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber
3	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree
4	Eng Neo Avenue Forest	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber
5	Eng Neo Avenue Forest	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree
6	Eng Neo Avenue Forest	*Aporosa lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree
7	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree
8	Eng Neo Avenue Forest	*Ardisia elliptica*	Myrsinaceae	Native	Endangered	Tree
9	Eng Neo Avenue Forest	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber
10	Eng Neo Avenue Forest	*Artocarpus lacucha*	Moraceae	Native	Endangered	Tree
11	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber
12	Eng Neo Avenue Forest	*Blechnum finlaysonianum*	Blechnaceae	Native	Vulnerable	Herb
13	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub
14	Eng Neo Avenue Forest	*Callicarpa longifolia*	Lamiaceae	Native	Endangered	Shrub
15	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree
16	Eng Neo Avenue Forest	*Canthiumeria robusta*	Rubiaceae	Native	Endangered	Tree
17	Eng Neo Avenue Forest	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree
18	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber
19	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb
20	Eng Neo Avenue Forest	*Clerodendrum villosum*	Lamiaceae	Native	Vulnerable	Shrub
21	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber
22	Eng Neo Avenue Forest	*Cratoxylum cochinchinense*	Hypericaceae	Native	Endangered	Tree
23	Eng Neo Avenue Forest	*Cratoxylum maingayi*	Hypericaceae	Native	Critically Endangered	Tree
24	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb
25	Eng Neo Avenue Forest	*Derris amoena* var. *maingayana*	Fabaceae	Native	Vulnerable	Climber
26	Eng Neo Avenue Forest	*Dioscorea orbiculata* var. *tenuifolia*	Dioscoreaceae	Native	Not assessed; recently rediscovered	Climber
27	Eng Neo Avenue Forest	*Diospyros lanceifolia*	Ebenaceae	Native	Critically Endangered	Tree
28	Eng Neo Avenue Forest	*Diospyros styraciformis*	Ebenaceae	Native	Vulnerable	Tree
29	Eng Neo Avenue Forest	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree
30	Eng Neo Avenue Forest	*Ficus glandulifera*	Moraceae	Native	Critically Endangered	Tree
31	Eng Neo Avenue Forest	*Ficus villosa*	Moraceae	Native	Critically Endangered	Climber
32	Eng Neo Avenue Forest	*Flacourtia rukam*	Salicaceae	Native	Vulnerable	Tree
33	Eng Neo Avenue Forest	*Garcinia eugeniifolia*	Clusiaceae	Native	Vulnerable	Tree
34	Eng Neo Avenue Forest	*Garcinia griffithii*	Clusiaceae	Native	Endangered	Tree
35	Eng Neo Avenue Forest	*Garcinia hombroniana*	Clusiaceae	Native	Endangered	Tree
36	Eng Neo Avenue Forest	*Glochidion zeylanicum* var. *zeylanicum*	Phyllanthaceae	Native	Vulnerable	Tree
37	Eng Neo Avenue Forest	*Gnetum* sp.	Gnetaceae	Native	Critically Endangered	Climber
38	Eng Neo Avenue Forest	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte
39	Eng Neo Avenue Forest	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub
40	Eng Neo Avenue Forest	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree
41	Eng Neo Avenue Forest	*Hornstedtia scyphifera* var. *scyphifera*	Zingiberaceae	Native	Vulnerable	Herb
42	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree
43	Eng Neo Avenue Forest	*Hoya diversifolia*	Apocynaceae	Native	Critically Endangered	Epiphyte
44	Eng Neo Avenue Forest	*Knema* cf. *malayana*	Myristicaceae	Native	Endangered	Tree
45	Eng Neo Avenue Forest	*Koompassia malaccensis*	Fabaceae	Native	Endangered	Tree
46	Eng Neo Avenue Forest	*Lindera lucida*	Lauraceae	Native	Vulnerable	Tree
47	Eng Neo Avenue Forest	*Litsea castanea*	Lauraceae	Native	Endangered	Tree
48	Eng Neo Avenue Forest	*Litsea* cf. *cordata*	Lauraceae	Native	Critically Endangered	Tree
49	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree
50	Eng Neo Avenue Forest	*Litsea grandis*	Lauraceae	Native	Endangered	Tree
51	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree
52	Eng Neo Avenue Forest	*Lygodium circinnatum*	Schizaeaceae	Native	Vulnerable	Climber
53	Eng Neo Avenue Forest	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber
54	Eng Neo Avenue Forest	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree
55	Eng Neo Avenue Forest	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree
56	Eng Neo Avenue Forest	*Memecylon floridum*	Melastomataceae	Native	Critically Endangered	Tree
57	Eng Neo Avenue Forest	*Neolitsea cassia*	Lauraceae	Native	Vulnerable	Tree
58	Eng Neo Avenue Forest	*Oncosperma horridum*	Arecaceae	Native	Vulnerable	Shrub
59	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub
60	Eng Neo Avenue Forest	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree
61	Eng Neo Avenue Forest	*Phytocrene bracteata*	Icacinaceae	Native	Vulnerable	Climber
62	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber
63	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber
64	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree
65	Eng Neo Avenue Forest	*Porterandia anisophylla*	Rubiaceae	Native	Vulnerable	Tree
66	Eng Neo Avenue Forest	*Premna serratifolia*	Lamiaceae	Native	Vulnerable	Climber
67	Eng Neo Avenue Forest	*Prunus arborea* var. *stipulacea*	Rosaceae	Native	Critically Endangered	Tree
68	Eng Neo Avenue Forest	*Psychotria ovoidea*	Rubiaceae	Native	Vulnerable	Climber
69	Eng Neo Avenue Forest	*Pternandra caerulescens*	Melastomataceae	Native	Vulnerable	Tree
70	Eng Neo Avenue Forest	*Pternandra echinata*	Melastomataceae	Native	Vulnerable	Tree
71	Eng Neo Avenue Forest	*Santiria laevigata*	Burseraceae	Native	Vulnerable	Tree
72	Eng Neo Avenue Forest	*Selaginella argentea*	Selaginellaceae	Native	Critically Endangered	Herb
73	Eng Neo Avenue Forest	*Sterculia rubiginosa*	Malvaceae	Native	Vulnerable	Tree
74	Eng Neo Avenue Forest	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree
75	Eng Neo Avenue Forest	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber
76	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree
77	Eng Neo Avenue Forest	*Syzygium nemestrinum*	Myrtaceae	Native	Endangered	Tree
78	Eng Neo Avenue Forest	*Uncaria cordata*	Rubiaceae	Native	Endangered	Climber
79	Eng Neo Avenue Forest	*Uncaria longiflora* var. *pteropoda*	Rubiaceae	Native	Critically Endangered	Climber
80	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
1	Eng Neo Avenue Forest	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	36369.82254	24026.02709
2	Eng Neo Avenue Forest	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	36068.06194	24301.46335
3	Eng Neo Avenue Forest	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	36399.34144	24060.52712
4	Eng Neo Avenue Forest	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	36466.68425	24096.47445
5	Eng Neo Avenue Forest	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	36046.27268	24263.40216
6	Eng Neo Avenue Forest	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	35656.60134	24905.20235
7	Eng Neo Avenue Forest	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	35995.7376	24603.16736
8	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36416.81204	24069.54179
9	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36432.40125	24075.32904
10	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36446.9986	24088.57264
11	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36459.71429	24110.60805
12	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35694.19692	24895.18674
13	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35707.46593	24892.96111
14	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35730.8018	24766.8706
15	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35787.07848	24791.91136
16	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35541.61465	24274.3016
17	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35966.87554	24649.57459
18	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35810.85261	24710.67048
19	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35857.51844	24709.44686
20	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35990.64868	24650.68778
21	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36035.87914	24551.75226
22	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35993.52233	24612.84949
23	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35978.2667	24617.18958
24	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35732.23799	24800.47999
25	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36060.42152	24556.31543
26	Eng Neo Avenue Forest	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35985.45909	24595.59956
27	Eng Neo Avenue Forest	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	36474.09194	24100.14709
28	Eng Neo Avenue Forest	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	36309.00237	24139.76362
29	Eng Neo Avenue Forest	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	36305.79552	24144.54901
30	Eng Neo Avenue Forest	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	36338.52987	24233.02427
31	Eng Neo Avenue Forest	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	36322.49535	24260.9576
32	Eng Neo Avenue Forest	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	36169.90129	24335.85308
33	Eng Neo Avenue Forest	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	35900.42137	24701.76842
34	Eng Neo Avenue Forest	*Aporosa lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	35880.8475	24640.00266
35	Eng Neo Avenue Forest	*Aporosa lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	35739.86575	24802.70586
36	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36350.4697	24072.65692
37	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36370.81088	24257.95346
38	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36361.52406	24263.62907
39	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36253.04673	24362.89744
40	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36257.14326	24366.79262
41	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36234.139	24394.72587
42	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36050.14687	24256.72486
43	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36056.33788	24278.7602
44	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36070.04546	24291.33607
45	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36076.79213	24336.29698
46	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36087.29367	24294.22982
47	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36185.26722	24402.62675
48	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	35765.40914	24799.59006
49	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	35805.77227	24820.7355
50	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	35745.72304	24819.28803
51	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36045.863	24265.082
52	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36046.627	24267.556
53	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36058.132	24288.374
54	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36064.351	24271.138
55	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36061.586	24270.253
56	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36062.48	24266.885
57	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36071.718	24321.526
58	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36075.283	24317.693
59	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36116.287	24336.865
60	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36199.472	24405.569
61	Eng Neo Avenue Forest	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36194.5	24421.135
62	Eng Neo Avenue Forest	*Ardisia elliptica*	Myrsinaceae	Native	Endangered	Tree	35781.55393	24654.80291
63	Eng Neo Avenue Forest	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	36119.69477	24351.32159
64	Eng Neo Avenue Forest	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	35743.29481	24819.62187
65	Eng Neo Avenue Forest	*Artocarpus lacucha*	Moraceae	Native	Endangered	Tree	36356.55178	24033.81713
66	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	36471.65924	24104.04217
67	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	36439.70299	24111.05292
68	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	36461.70727	24096.69695
69	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	36340.8486	24109.38217
70	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	36564.21498	24057.74729

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
71	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	35996.84052	24598.93838
72	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	36363.73919	24030.92372
73	Eng Neo Avenue Forest	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	36549.06187	24090.68861
74	Eng Neo Avenue Forest	*Blechnum finlaysonianum*	Blechnaceae	Native	Vulnerable	Herb	36468.56324	24097.14221
75	Eng Neo Avenue Forest	*Blechnum finlaysonianum*	Blechnaceae	Native	Vulnerable	Herb	36407.41401	24072.99161
76	Eng Neo Avenue Forest	*Blechnum finlaysonianum*	Blechnaceae	Native	Vulnerable	Herb	36470.88285	24091.80037
77	Eng Neo Avenue Forest	*Blechnum finlaysonianum*	Blechnaceae	Native	Vulnerable	Herb	36485.25775	24110.83099
78	Eng Neo Avenue Forest	*Blechnum finlaysonianum*	Blechnaceae	Native	Vulnerable	Herb	36491.22624	24127.19056
79	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36471.99098	24103.26315
80	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	35816.61259	24360.99969
81	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36439.70472	24067.53892
82	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36470.0023	24102.4841
83	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36493.55275	24118.51005
84	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36506.37995	24121.51504
85	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36431.07515	24127.07841
86	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36445.45005	24139.4317
87	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36456.28461	24140.09959
88	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36435.71807	24158.90714
89	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36411.06512	24108.60415
90	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36378.99758	24065.64612
91	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36456.95123	24189.6232
92	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36379.66381	24141.21139
93	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36352.01723	24085.67776
94	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36350.4697	24072.65692
95	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36310.77249	24152.89576
96	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36330.12515	24117.6174
97	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36389.94177	24178.93851
98	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36364.06482	24169.92374
99	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36370.92183	24278.54193
100	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36376.89126	24235.69574
101	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36343.38642	24233.91465
102	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36390.83122	24195.85446
103	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36248.96264	24131.41609
104	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36247.41486	24128.0774
105	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36295.07136	24195.74183
106	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36337.19532	24226.79206
107	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36060.31395	24277.98123
108	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36169.90129	24335.85308
109	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36042.07104	24497.10936
110	Eng Neo Avenue Forest	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36283.23453	24283.77132
111	Eng Neo Avenue Forest	*Callicarpa longifolia*	Lamiaceae	Native	Endangered	Shrub	36445.33882	24138.87525
112	Eng Neo Avenue Forest	*Callicarpa longifolia*	Lamiaceae	Native	Endangered	Shrub	36381.98143	24096.69581
113	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36403.54958	24038.82582
114	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36486.36997	24107.15847
115	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36406.31093	24079.55765
116	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36378.99758	24065.64612
117	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36352.89848	24034.48481
118	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36350.24452	24264.40794
119	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35746.16789	24828.41376
120	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36580.46263	24035.60103
121	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36547.84694	24078.55809
122	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35751.36756	24809.9398
123	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35740.96838	24823.40568
124	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35744.17551	24803.48494
125	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35742.73896	24800.36882
126	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35744.84275	24809.93972
127	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36367.16698	24033.03826
128	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36354.89112	24036.59933
129	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36348.81115	24037.15569
130	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36540.65832	24080.89506
131	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36023.27383	24586.80819
132	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36417.771	24021.567
133	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36418.064	24022.969
134	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36412.664	24022.487
135	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36490.342	24112.307
136	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36490.829	24111.049
137	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36490.348	24111.923
138	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36489.059	24111.573
139	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36489.334	24108.146
140	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36489.442	24108.943

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
141	Eng Neo Avenue Forest	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36493.668	24112.413
142	Eng Neo Avenue Forest	*Canthiumeria robusta*	Rubiaceae	Native	Endangered	Tree	36323.60011	24126.8543
143	Eng Neo Avenue Forest	*Canthiumeria robusta*	Rubiaceae	Native	Endangered	Tree	36093.3827	24310.36683
144	Eng Neo Avenue Forest	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree	36544.5284	24083.45476
145	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	36471.43807	24105.26635
146	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	35953.06077	24322.49545
147	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	36060.31385	24284.88116
148	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	36069.60882	24363.7853
149	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	36075.35508	24371.13046
150	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	36092.27062	24304.02333
151	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	36146.23029	24320.71743
152	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	35950.73455	24318.71159
153	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	35940.12093	24424.65877
154	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	36183.83171	24321.94212
155	Eng Neo Avenue Forest	*Cayratia trifolia*	Vitaceae	Native	Vulnerable	Climber	36184.2766	24318.49217
156	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36478.62558	24095.6956
157	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36475.74819	24127.19034
158	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36460.38053	24186.84102
159	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36424.43909	24120.62356
160	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36384.08557	24081.22666
161	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36394.47427	24152.78566
162	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36352.01723	24085.67776
163	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36307.89951	24138.98459
164	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36305.79552	24144.54901
165	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	36295.40452	24235.58332
166	Eng Neo Avenue Forest	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	35586.17614	24304.79549
167	Eng Neo Avenue Forest	*Clerodendrum villosum*	Lamiaceae	Native	Vulnerable	Shrub	35997.84104	24640.67184
168	Eng Neo Avenue Forest	*Clerodendrum villosum*	Lamiaceae	Native	Vulnerable	Shrub	36002.0398	24622.30918
169	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36408.41491	24074.32709
170	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36500.8467	24127.07941
171	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36435.71807	24158.90714
172	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36285.67466	24104.92981
173	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36298.61285	24125.51848
174	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36350.24452	24264.40794
175	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36281.46572	24183.945
176	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36247.41486	24128.0774
177	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36299.93702	24209.43045
178	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36281.02913	24250.60714
179	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36279.25868	24268.96982
180	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36282.68797	24267.18924
181	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36277.26594	24274.20038
182	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36274.28154	24273.31002
183	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36259.23937	24257.50677
184	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36043.28815	24271.52623
185	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36077.01454	24341.30499
186	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36084.30837	24359.77909
187	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36086.19003	24350.87598
188	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36093.60488	24332.29079
189	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36102.11311	24337.41021
190	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36091.94582	24331.40046
191	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36093.38262	24315.82
192	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36095.69993	24300.57342
193	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36100.12086	24306.13793
194	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36110.29728	24314.81862
195	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36061.20258	24363.6739
196	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35787.07848	24791.91136
197	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35800.01744	24751.6248
198	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35573.45949	24344.7482
199	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35961.67679	24592.59446
200	Eng Neo Avenue Forest	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36542.64867	24080.33864
201	Eng Neo Avenue Forest	*Cratoxylum cochinchinense*	Hypericaceae	Native	Endangered	Tree	36475.4188	24103.2632
202	Eng Neo Avenue Forest	*Cratoxylum maingayi*	Hypericaceae	Native	Critically Endangered	Tree	36410.61934	24174.70982
203	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	36484.92423	24097.25373
204	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	36310.77249	24152.89576
205	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	36070.3793	24274.30883
206	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	36091.16498	24514.02594
207	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	36047.59439	24538.73158
208	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	36145.34748	24503.23159
209	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	36145.34748	24503.23159
210	Eng Neo Avenue Forest	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	36366.28229	24038.82528

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
211	Eng Neo Avenue Forest	*Derris amoena* var. *maingayana*	Fabaceae	Native	Vulnerable	Climber	36412.16843	24085.56734
212	Eng Neo Avenue Forest	*Dioscorea orbiculata* var. *tenuifolia*	Dioscoreaceae	Native	Not assessed; recently rediscovered	Climber	36547.84694	24078.55809
213	Eng Neo Avenue Forest	*Dioscorea orbiculata* var. *tenuifolia*	Dioscoreaceae	Native	Not assessed; recently rediscovered	Climber	36548.95143	24080.89518
214	Eng Neo Avenue Forest	*Diospyros styraciformis*	Ebenaceae	Native	Vulnerable	Tree	36409.96276	24072.65778
215	Eng Neo Avenue Forest	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	36089.61991	24305.0249
216	Eng Neo Avenue Forest	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	36283.79063	24282.88101
217	Eng Neo Avenue Forest	*Ficus glandulifera*	Moraceae	Native	Critically Endangered	Tree	36490.12344	24122.51641
218	Eng Neo Avenue Forest	*Ficus villosa*	Moraceae	Native	Critically Endangered	Climber	36491.33772	24110.71979
219	Eng Neo Avenue Forest	*Flacourtia rukam*	Salicaceae	Native	Vulnerable	Tree	36537.3366	24084.23368
220	Eng Neo Avenue Forest	*Garcinia eugeniifolia*	Clusiaceae	Native	Vulnerable	Tree	36409.935	24079.027
221	Eng Neo Avenue Forest	*Garcinia griffithii*	Clusiaceae	Native	Endangered	Tree	36444.56836	24106.04498
222	Eng Neo Avenue Forest	*Garcinia griffithii*	Clusiaceae	Native	Endangered	Tree	36411.94601	24081.67222
223	Eng Neo Avenue Forest	*Garcinia hombroniana*	Clusiaceae	Native	Endangered	Tree	36404.65205	24073.88188
224	Eng Neo Avenue Forest	*Garcinia hombroniana*	Clusiaceae	Native	Endangered	Tree	36463.47756	24090.01964
225	Eng Neo Avenue Forest	*Glochidion zeylanicum* var. *zeylanicum*	Phyllanthaceae	Native	Vulnerable	Tree	35654.39284	24651.46267
226	Eng Neo Avenue Forest	*Gnetum* sp.	Gnetaceae	Native	Critically Endangered	Climber	36397.9049	24057.41101
227	Eng Neo Avenue Forest	*Gnetum* sp.	Gnetaceae	Native	Critically Endangered	Climber	36527.61406	24093.02537
228	Eng Neo Avenue Forest	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	36280.92029	24088.23638
229	Eng Neo Avenue Forest	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	36543.86489	24087.90631
230	Eng Neo Avenue Forest	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub	36023.05677	24179.26722
231	Eng Neo Avenue Forest	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	36426.3212	24081.22727
232	Eng Neo Avenue Forest	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	36350.24452	24264.40794
233	Eng Neo Avenue Forest	*Hornstedtia scyphifera* var. *scyphifera*	Zingiberaceae	Native	Vulnerable	Herb	36443.57315	24108.60462
234	Eng Neo Avenue Forest	*Hornstedtia scyphifera* var. *scyphifera*	Zingiberaceae	Native	Vulnerable	Herb	36298.93454	24322.27755
235	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36420.35259	24066.09188
236	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36404.20753	24044.16771
237	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36458.38944	24075.552
238	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36446.7762	24083.34206
239	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36472.20812	24105.15507
240	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36464.80267	24107.15816
241	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36463.58842	24116.729
242	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36486.91687	24099.81341
243	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36495.32314	24104.93282
244	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36489.35418	24121.84866
245	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36488.79803	24126.4115
246	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36492.78343	24122.07129
247	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36500.52242	24125.18749
248	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36472.20715	24173.26393
249	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36480.16876	24157.90616
250	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36475.414	24168.14468
251	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36411.28787	24089.79631
252	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36385.96665	24105.37641
253	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36392.15874	24051.17874
254	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36378.2284	24059.30264
255	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36378.99758	24065.64612
256	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36357.65285	24050.95566
257	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36369.82254	24026.02709
258	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36394.03903	24130.973
259	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36361.63744	24103.37286
260	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36348.69905	24096.80662
261	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36350.13556	24102.37109
262	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36279.15034	24064.08663
263	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36308.89132	24127.18796
264	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36349.91246	24145.66253
265	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36338.74405	24154.89936
266	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36380.43121	24267.07929
267	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36351.24536	24270.75143
268	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36334.65488	24289.44776
269	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36320.7244	24308.14413
270	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36279.25788	24328.28689
271	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36276.1632	24256.72798
272	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36274.28154	24273.31002
273	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36056.33788	24278.7602
274	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36055.12388	24262.51197
275	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36060.8702	24265.0717
276	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36070.37897	24298.34729
277	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36070.71241	24318.49063
278	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36093.38262	24315.82
279	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36092.27062	24304.02333
280	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36110.29728	24314.81862

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
281	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36088.51683	24311.92481
282	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36097.80359	24318.71358
283	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36191.79232	24388.7157
284	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36200.08701	24420.09933
285	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36194.55358	24439.90872
286	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36022.38496	24513.35732
287	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35765.96528	24794.91592
288	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35765.40914	24799.59006
289	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35803.78026	24764.86826
290	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36547.84694	24078.55809
291	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36060.42152	24556.31543
292	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36017.74089	24568.77928
293	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35977.59969	24592.37208
294	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35985.67181	24633.43789
295	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36284.12451	24270.63922
296	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36030.23411	24602.0549
297	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36364.40257	24035.15271
298	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36665.16617	23985.74483
299	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36665.49979	23985.18839
300	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36665.16617	23985.74483
301	Eng Neo Avenue Forest	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	36661.84823	23980.5142
302	Eng Neo Avenue Forest	*Hoya diversifolia*	Apocynaceae	Native	Critically Endangered	Epiphyte	36337.6397	24260.29007
303	Eng Neo Avenue Forest	*Knema* cf. *malayana*	Myristicaceae	Native	Endangered	Tree	35735.33339	24813.05571
304	Eng Neo Avenue Forest	*Koompassia malaccensis*	Fabaceae	Native	Endangered	Tree	36528.9395	24086.7932
305	Eng Neo Avenue Forest	*Lindera lucida*	Lauraceae	Native	Vulnerable	Tree	35729.25337	24818.28624
306	Eng Neo Avenue Forest	*Litsea castanea*	Lauraceae	Native	Endangered	Tree	36068.06194	24301.46335
307	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36470.55358	24098.03255
308	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36418.91652	24029.92293
309	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36416.70108	24050.28878
310	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36396.57942	24066.09153
311	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36401.7792	24051.29017
312	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36405.31988	24038.60327
313	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36406.31098	24075.77382
314	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36410.73191	24081.11576
315	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36413.16939	24083.34157
316	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36471.43903	24092.5794
317	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36476.63793	24131.19676
318	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36482.71797	24125.40982
319	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36491.56006	24119.84549
320	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36489.35418	24121.84866
321	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36490.79066	24128.97118
322	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36504.49854	24120.29083
323	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36411.28787	24089.79631
324	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36396.91265	24099.58954
325	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36392.15874	24051.17874
326	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36378.2284	24059.30264
327	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36357.65285	24050.95566
328	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36356.21662	24026.13818
329	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36456.95123	24189.6232
330	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36361.63744	24103.37286
331	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36278.37184	24060.1915
332	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36385.07468	24267.96967
333	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36335.98056	24265.63192
334	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36321.60502	24299.79747
335	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36253.04673	24362.89744
336	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36257.14326	24366.79262
337	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36238.01317	24389.16147
338	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36245.64114	24375.5843
339	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36245.41884	24371.02144
340	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36045.72586	24265.40536
341	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36057.66332	24272.63932
342	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36070.37897	24298.34729
343	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36088.07151	24347.31476
344	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36097.80359	24318.71358
345	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36211.14463	24376.80802
346	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35638.91225	24660.36563
347	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35765.96528	24794.91592
348	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36528.9395	24086.7932
349	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36523.96234	24091.80113
350	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36061.75612	24559.20896

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
351	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35748.16071	24815.39294
352	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36363.96034	24030.47857
353	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36547.73498	24090.24343
354	Eng Neo Avenue Forest	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36546.84567	24094.24982
355	Eng Neo Avenue Forest	*Litsea grandis*	Lauraceae	Native	Endangered	Tree	36097.80359	24318.71358
356	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36463.69787	24102.26143
357	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36461.70727	24096.69695
358	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36455.07108	24099.03393
359	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36484.48833	24121.7373
360	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36486.147	24141.99192
361	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36505.05452	24127.19076
362	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36323.60011	24126.8543
363	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36371.92305	24264.96468
364	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36596.71907	24039.38509
365	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	36541.54296	24077.77898
366	Eng Neo Avenue Forest	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	35995.404	24603.119
367	Eng Neo Avenue Forest	*Lygodium circinnatum*	Schizaeaceae	Native	Vulnerable	Climber	36403.66074	24044.05641
368	Eng Neo Avenue Forest	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber	36400.88942	24050.51113
369	Eng Neo Avenue Forest	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber	36549.1726	24079.671
370	Eng Neo Avenue Forest	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree	36375.56651	24184.83663
371	Eng Neo Avenue Forest	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree	36103.54994	24319.04752
372	Eng Neo Avenue Forest	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree	35654.39284	24651.46267
373	Eng Neo Avenue Forest	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree	35685.35086	24900.75111
374	Eng Neo Avenue Forest	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree	35730.8018	24766.8706
375	Eng Neo Avenue Forest	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree	35944.31633	24671.83216
376	Eng Neo Avenue Forest	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	36438.49055	24071.99046
377	Eng Neo Avenue Forest	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	36370.37369	24030.25608
378	Eng Neo Avenue Forest	*Memecylon floridum*	Melastomataceae	Native	Critically Endangered	Tree	36491.4487	24128.63732
379	Eng Neo Avenue Forest	*Memecylon floridum*	Melastomataceae	Native	Critically Endangered	Tree	36356.21662	24026.13818
380	Eng Neo Avenue Forest	*Memecylon floridum*	Melastomataceae	Native	Critically Endangered	Tree	36308.01096	24124.18314
381	Eng Neo Avenue Forest	*Memecylon floridum*	Melastomataceae	Native	Critically Endangered	Tree	36335.32221	24289.00262
382	Eng Neo Avenue Forest	*Memecylon floridum*	Melastomataceae	Native	Critically Endangered	Tree	36282.0208	24256.2829
383	Eng Neo Avenue Forest	*Memecylon floridum*	Melastomataceae	Native	Critically Endangered	Tree	36358.87654	24031.59138
384	Eng Neo Avenue Forest	*Neolitsea cassia*	Lauraceae	Native	Vulnerable	Tree	35913.36052	24647.01428
385	Eng Neo Avenue Forest	*Neolitsea cassia*	Lauraceae	Native	Vulnerable	Tree	36665.16617	23985.74483
386	Eng Neo Avenue Forest	*Oncosperma horridum*	Arecaceae	Native	Vulnerable	Shrub	36073.91946	24299.23765
387	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	35575.77757	24272.18757
388	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36392.04657	24116.28282
389	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36247.41486	24128.0774
390	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36321.16589	24167.36348
391	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36110.29728	24314.81862
392	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36097.80359	24318.71358
393	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36155.9615	24356.77524
394	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36211.14463	24376.80802
395	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36531.8127	24085.56906
396	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	35569.02992	24298.89692
397	Eng Neo Avenue Forest	*Oncosperma* sp.	Arecaceae	Native	Vulnerable	Shrub	36364.07093	24029.47697
398	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36407.52568	24042.94358
399	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36424.00235	24204.31289
400	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36312.65543	24048.28407
401	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36230.60261	24096.80492
402	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36281.91166	24106.5991
403	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36395.69706	24196.52226
404	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36295.61653	24321.60977
405	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36279.25788	24328.28689
406	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36300.92751	24300.13105
407	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36316.40579	24283.4379
408	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36284.67151	24255.72649
409	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36282.68797	24267.18924
410	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36238.01317	24389.16147
411	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36213.01708	24354.32765
412	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36061.76004	24262.0669
413	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36070.04546	24291.33607
414	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36070.60127	24311.14554
415	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36070.04447	24364.45304
416	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36084.75349	24347.09213
417	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36088.07169	24333.96006
418	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36103.66063	24360.11322
419	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36091.94582	24331.40046
420	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36191.01366	24395.83819

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
421	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36193.33988	24408.52518
422	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36207.82628	24401.84802
423	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36194.55358	24439.90872
424	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36041.18089	24525.15422
425	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36019.40052	24524.26363
426	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35740.42208	24781.67219
427	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35776.57754	24790.24189
428	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35782.32399	24781.78398
429	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35854.53416	24697.98403
430	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36023.82087	24567.33259
431	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36013.98704	24581.13233
432	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35995.7376	24603.16736
433	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35997.06286	24610.0673
434	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35985.67181	24633.43789
435	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36049.847	24556.84
436	Eng Neo Avenue Forest	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35956.455	24645.093
437	Eng Neo Avenue Forest	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree	36073.47385	24355.54996
438	Eng Neo Avenue Forest	*Phytocrene bracteata*	Icacinaceae	Native	Vulnerable	Climber	35770.49426	24837.31719
439	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber	36476.30332	24108.38251
440	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber	36469.33504	24098.14382
441	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber	36481.61517	24120.29051
442	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber	36486.47203	24099.25696
443	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber	36494.65562	24118.84394
444	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber	36485.146	24146.88863
445	Eng Neo Avenue Forest	*Piper flavimarginatum*	Piperaceae	Native	Critically Endangered	Climber	36445.45005	24139.4317
446	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36230.7139	24093.80012
447	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36280.36372	24114.94575
448	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36326.91607	24274.08977
449	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36279.25868	24268.96982
450	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36244.31585	24371.24401
451	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36056.00454	24251.38307
452	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36105.32035	24303.1332
453	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36112.0676	24305.69294
454	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36113.83767	24323.16536
455	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36204.61957	24387.60298
456	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35732.12704	24776.21892
457	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35733.89708	24789.23979
458	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35815.93982	24795.13909
459	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35891.68213	24635.10607
460	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36087.18852	24536.72888
461	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36048.37288	24544.29605
462	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36012.54132	24578.01621
463	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35996.84052	24598.93838
464	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35986.67315	24608.50912
465	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35964.44818	24580.01881
466	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35962.8997	24632.43601
467	Eng Neo Avenue Forest	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35738.65159	24797.92041
468	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36393.92765	24140.98901
469	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36386.51324	24127.63422
470	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36339.52284	24138.53988
471	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36362.96077	24254.83726
472	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36335.98056	24265.63192
473	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36286.10706	24331.95952
474	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36023.3862	24497.55427
475	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36048.37328	24512.68992
476	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36066.51141	24506.1241
477	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35986.22922	24527.93575
478	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35987.00701	24588.47707
479	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35978.48957	24585.36087
480	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35883.06219	24677.17329
481	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35937.46767	24615.8536
482	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35931.82376	24585.36029
483	Eng Neo Avenue Forest	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35806.43202	24677.06107
484	Eng Neo Avenue Forest	*Porterandia anisophylla*	Rubiaceae	Native	Vulnerable	Tree	36542.98031	24086.12567
485	Eng Neo Avenue Forest	*Premna serratifolia*	Lamiaceae	Native	Vulnerable	Climber	36470.88268	24103.597
486	Eng Neo Avenue Forest	*Prunus arborea* var. *stipulacea*	Rosaceae	Native	Critically Endangered	Tree	36539.77405	24088.57398
487	Eng Neo Avenue Forest	*Prunus arborea* var. *stipulacea*	Rosaceae	Native	Critically Endangered	Tree	36537.33652	24089.57555
488	Eng Neo Avenue Forest	*Psychotria ovoidea*	Rubiaceae	Native	Vulnerable	Climber	36420.46433	24031.36971
489	Eng Neo Avenue Forest	*Pternandra caerulescens*	Melastomataceae	Native	Vulnerable	Tree	36068.06194	24301.46335
490	Eng Neo Avenue Forest	*Pternandra echinata*	Melastomataceae	Native	Vulnerable	Tree	36062.86232	24305.69227

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
491	Eng Neo Avenue Forest	*Santiria laevigata*	Burseraceae	Native	Vulnerable	Tree	36484.37697	24130.08398
492	Eng Neo Avenue Forest	*Santiria laevigata*	Burseraceae	Native	Vulnerable	Tree	36501.40285	24122.85044
493	Eng Neo Avenue Forest	*Selaginella argentea*	Selaginellaceae	Native	Critically Endangered	Herb	36460.27106	24070.7666
494	Eng Neo Avenue Forest	*Sterculia rubiginosa*	Malvaceae	Native	Vulnerable	Tree	35987.33117	24610.06718
495	Eng Neo Avenue Forest	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	35680.93195	24560.20576
496	Eng Neo Avenue Forest	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber	36321.16589	24167.36348
497	Eng Neo Avenue Forest	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber	36004.25527	24587.03053
498	Eng Neo Avenue Forest	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber	36548.06682	24082.00805
499	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36072.92454	24548.52535
500	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36008.78757	24582.69031
501	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	35794.15	24804.843
502	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36023.018	24569.447
503	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36009.661	24571.38
504	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36010.916	24573.921
505	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36015.411	24595.896
506	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36013.15	24599.093
507	Eng Neo Avenue Forest	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36003.692	24595.635
508	Eng Neo Avenue Forest	*Syzygium nemestrinum*	Myrtaceae	Native	Endangered	Tree	36466.6834	24102.0389
509	Eng Neo Avenue Forest	*Syzygium* sp.	Myrtaceae	-	-	-	36527.61406	24093.02537
510	Eng Neo Avenue Forest	*Uncaria cordata*	Rubiaceae	Native	Endangered	Climber	36497.9738	24108.27153
511	Eng Neo Avenue Forest	*Uncaria longiflora* var. *pteropoda*	Rubiaceae	Native	Critically Endangered	Climber	36068.06194	24301.46335
512	Eng Neo Avenue Forest	Unknown	-	-	-	Tree	35794.81887	24678.28511
513	Eng Neo Avenue Forest	Unknown	-	-	-	Tree	36420.35231	24085.1223
514	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36487.47263	24122.29379
515	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36468.45366	24159.13018
516	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36411.28787	24089.79631
517	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36343.94461	24084.78733
518	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36351.79217	24277.42878
519	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36326.91607	24274.08977
520	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36329.12146	24307.92167
521	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36306.57185	24304.91656
522	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36061.31513	24258.83951
523	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36073.69646	24345.64522
524	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36095.69993	24300.57342
525	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36193.1172	24424.32823
526	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36200.08701	24420.09933
527	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36036.1015	24561.32313
528	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36360.42441	24028.03016
529	Eng Neo Avenue Forest	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	36045.38807	24575.2344

Appendix D2

List and Locations of Plant of Conservation Significance in the Forested Area Adjacent to Fairways Quarters

S/N	Site	Species	Family	Origin	Status	Habit
1	Forested Area Adjacent to Fairways Quarters	*Actinodaphne macrophylla*	Lauraceae	Native	Presumed Extinct	Tree
2	Forested Area Adjacent to Fairways Quarters	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber
3	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree
4	Forested Area Adjacent to Fairways Quarters	*Amphinseuron opulentum*	Thelypteridaceae	Native	Endangered	Climber
5	Forested Area Adjacent to Fairways Quarters	*Angiopteris evecta*	Marattiaceae	Native	Vulnerable	Herb
6	Forested Area Adjacent to Fairways Quarters	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree
7	Forested Area Adjacent to Fairways Quarters	*Aporosa lucida var. lucida*	Phyllanthaceae	Native	Critically Endangered	Tree
8	Forested Area Adjacent to Fairways Quarters	*Aporosa nigricans*	Phyllanthaceae	Native	Endangered	Tree
9	Forested Area Adjacent to Fairways Quarters	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree
10	Forested Area Adjacent to Fairways Quarters	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber
11	Forested Area Adjacent to Fairways Quarters	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber
12	Forested Area Adjacent to Fairways Quarters	*Baccaurea pyriformis*	Phyllanthaceae	Native	Presumed Extinct	Tree
13	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub
14	Forested Area Adjacent to Fairways Quarters	*Bulbophyllum vaginatum*	Orchidaceae	Native	Endangered	Epiphyte
15	Forested Area Adjacent to Fairways Quarters	*Calophyllum inophyllum*	Calophyllaceae	Native	Critically Endangered	Tree
16	Forested Area Adjacent to Fairways Quarters	*Calophyllum rubiginosum*	Calophyllaceae	Native	Endangered	Tree
17	Forested Area Adjacent to Fairways Quarters	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree
18	Forested Area Adjacent to Fairways Quarters	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree
19	Forested Area Adjacent to Fairways Quarters	*cf. Asplenium nitidum*	Aspleniaceae	Native	Presumed Extinct	Epiphyte
20	Forested Area Adjacent to Fairways Quarters	*cf. Dibridsonia conferta*	Rubiaceae	Native	Endangered	Tree
21	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber
22	Forested Area Adjacent to Fairways Quarters	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb
23	Forested Area Adjacent to Fairways Quarters	*Dacryodes cf. rostrata*	Burseraceae	Native	Vulnerable	Tree
24	Forested Area Adjacent to Fairways Quarters	*Endospermum sp.*	Euphorbiaceae	Native	Vulnerable	Tree
25	Forested Area Adjacent to Fairways Quarters	*Ficus aurata var. aurata*	Moraceae	Native	Vulnerable	Tree
26	Forested Area Adjacent to Fairways Quarters	*Ficus glandulifera*	Moraceae	Native	Critically Endangered	Tree
27	Forested Area Adjacent to Fairways Quarters	*Ficus globosa*	Moraceae	Native	Endangered	Shrub
28	Forested Area Adjacent to Fairways Quarters	*Ficus kerkhovenii*	Moraceae	Native	Critically Endangered	Strangler
29	Forested Area Adjacent to Fairways Quarters	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte
30	Forested Area Adjacent to Fairways Quarters	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub
31	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree
32	Forested Area Adjacent to Fairways Quarters	*Gymnacranthera farquhariana var. farquhariana*	Myristicaceae	Native	Critically Endangered	Tree
33	Forested Area Adjacent to Fairways Quarters	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree
34	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree
35	Forested Area Adjacent to Fairways Quarters	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber
36	Forested Area Adjacent to Fairways Quarters	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree
37	Forested Area Adjacent to Fairways Quarters	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree
38	Forested Area Adjacent to Fairways Quarters	*Nephrolepis cf. acutifolia*	Oleandraceae	Native	Endangered	Epiphyte
39	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub
40	Forested Area Adjacent to Fairways Quarters	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree
41	Forested Area Adjacent to Fairways Quarters	*Pellacalyx axillaris*	Rhizophoraceae	Native	Endangered	Tree
42	Forested Area Adjacent to Fairways Quarters	*Phlegmariurus carinatus*	Lycopodiaceae	Native	Presumed Extinct	Epiphyte
43	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber
44	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree
45	Forested Area Adjacent to Fairways Quarters	*Psychotria sarmentosa*	Rubiaceae	Native	Critically Endangered	Climber
46	Forested Area Adjacent to Fairways Quarters	*Ptemandra caerulescens*	Melastomataceae	Native	Vulnerable	Tree
47	Forested Area Adjacent to Fairways Quarters	*Sterculia parviflora*	Malvaceae	Native	Critically Endangered	Tree
48	Forested Area Adjacent to Fairways Quarters	*Strophanthus caudatus*	Apocynaceae	Native	Endangered	Climber
49	Forested Area Adjacent to Fairways Quarters	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree
50	Forested Area Adjacent to Fairways Quarters	*Syzygium cf. fastigiatum*	Myrtaceae	Not assessed	-	Tree
51	Forested Area Adjacent to Fairways Quarters	*Syzygium cf. pustulatum*	Myrtaceae	Native	Critically Endangered	Tree
52	Forested Area Adjacent to Fairways Quarters	*Uncaria longiflora var. pteropoda*	Rubiaceae	Native	Critically Endangered	Climber
53	Forested Area Adjacent to Fairways Quarters	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree
54	Forested Area Adjacent to Fairways Quarters	*Xanthophyllum eurhynchum*	Polygalaceae	Native	Vulnerable	Shrub

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
1	Forested Area Adjacent to Fairways Quarters	*Actinodaphne macrophylla*	Lauraceae	Native	Presumed Extinct	Tree	35980.043	23835.645
2	Forested Area Adjacent to Fairways Quarters	*Actinodaphne macrophylla*	Lauraceae	Native	Presumed Extinct	Tree	35989.228	23852.714
3	Forested Area Adjacent to Fairways Quarters	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	35704.15407	24157.78391
4	Forested Area Adjacent to Fairways Quarters	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	35706.70089	24185.04983
5	Forested Area Adjacent to Fairways Quarters	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	35706.5903	24186.27401
6	Forested Area Adjacent to Fairways Quarters	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	35713.66302	24184.71606
7	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35535.52734	24134.52206
8	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35624.76296	24087.22535
9	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35464.98645	24132.07269
10	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35556.42885	24028.12972
11	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35414.12285	24079.98852
12	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35398.74694	24066.85615
13	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35427.71956	24073.64522
14	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35412.35296	24058.8435
15	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35438.00726	24078.98726
16	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35830.10184	24231.57047
17	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36007.90865	23804.89018
18	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36005.81395	23810.34332
19	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36125.56029	23801.99848
20	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36128.22001	23819.80478
21	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36093.05648	23800.7738
22	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35411.33	24067.56
23	Forested Area Adjacent to Fairways Quarters	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36117.95	23840.8
24	Forested Area Adjacent to Fairways Quarters	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	35796.16045	24151.10785
25	Forested Area Adjacent to Fairways Quarters	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	35656.38755	24006.76362
26	Forested Area Adjacent to Fairways Quarters	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	35509.43848	24037.36605
27	Forested Area Adjacent to Fairways Quarters	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	35920.88271	24216.54768
28	Forested Area Adjacent to Fairways Quarters	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	35902.19787	24217.32644
29	Forested Area Adjacent to Fairways Quarters	*Angiopteris evecta*	Marattiaceae	Native	Vulnerable	Herb	35554.6582	24051.94562
30	Forested Area Adjacent to Fairways Quarters	*Angiopteris evecta*	Marattiaceae	Native	Vulnerable	Herb	36038.76267	23814.01637
31	Forested Area Adjacent to Fairways Quarters	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	35720.85551	24158.67446
32	Forested Area Adjacent to Fairways Quarters	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	35719.08571	24154.33416
33	Forested Area Adjacent to Fairways Quarters	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	35893.79617	23895.92302
34	Forested Area Adjacent to Fairways Quarters	*Aporosa lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	35692.10683	24056.51047
35	Forested Area Adjacent to Fairways Quarters	*Aporosa lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	35926.30958	23883.6817
36	Forested Area Adjacent to Fairways Quarters	*Aporosa lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	35897.67021	23907.71974
37	Forested Area Adjacent to Fairways Quarters	*Aporosa nigricans*	Phyllanthaceae	Native	Endangered	Tree	35682.81688	24173.36412
38	Forested Area Adjacent to Fairways Quarters	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	35806.99468	24175.36907
39	Forested Area Adjacent to Fairways Quarters	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	35665.56709	24180.70897
40	Forested Area Adjacent to Fairways Quarters	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	35584.18306	24245.9234
41	Forested Area Adjacent to Fairways Quarters	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	35926.08718	23878.89626
42	Forested Area Adjacent to Fairways Quarters	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	35928.51525	23888.80103
43	Forested Area Adjacent to Fairways Quarters	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	35917.79218	23871.55104
44	Forested Area Adjacent to Fairways Quarters	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	36080.78472	23833.04747
45	Forested Area Adjacent to Fairways Quarters	*Aspidopterys concava*	Malpighiaceae	Native	Endangered	Climber	36105.2162	23813.90611
46	Forested Area Adjacent to Fairways Quarters	*Baccaurea pyriformis*	Phyllanthaceae	Native	Presumed Extinct	Tree	35719.41791	24121.28124
47	Forested Area Adjacent to Fairways Quarters	*Baccaurea pyriformis*	Phyllanthaceae	Native	Presumed Extinct	Tree	35897.44783	23900.93109
48	Forested Area Adjacent to Fairways Quarters	*Baccaurea pyriformis*	Phyllanthaceae	Native	Presumed Extinct	Tree	35936.58831	23868.21265
49	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	35940.57	24116.16508
50	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	35956.49291	24115.275
51	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	35945.87164	24107.26202
52	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	35802.24008	24174.3674
53	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	35573.573	24179.03834

Locations

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
54	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36108.53387	23844.39938
55	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	36117.82059	23845.84628
56	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	35868.14126	23916.9563
57	Forested Area Adjacent to Fairways Quarters	*Bridelia stipularis*	Phyllanthaceae	Native	Vulnerable	Shrub	35863.06201	23931.42383
58	Forested Area Adjacent to Fairways Quarters	*Bulbophyllum vaginatum*	Orchidaceae	Native	Endangered	Epiphyte	35799.69103	24195.51232
59	Forested Area Adjacent to Fairways Quarters	*Bulbophyllum vaginatum*	Orchidaceae	Native	Endangered	Epiphyte	35574.1	24142.43
60	Forested Area Adjacent to Fairways Quarters	*Calophyllum inophyllum*	Calophyllaceae	Native	Critically Endangered	Tree	35605.93	24190.61
61	Forested Area Adjacent to Fairways Quarters	*Calophyllum rubiginosum*	Calophyllaceae	Native	Endangered	Tree	35878.75672	24095.01924
62	Forested Area Adjacent to Fairways Quarters	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35944.65721	24121.50702
63	Forested Area Adjacent to Fairways Quarters	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35890.81214	23877.56025
64	Forested Area Adjacent to Fairways Quarters	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35911.04479	23878.67345
65	Forested Area Adjacent to Fairways Quarters	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35969.86639	24162.12794
66	Forested Area Adjacent to Fairways Quarters	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	35962.57158	24206.42094
67	Forested Area Adjacent to Fairways Quarters	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree	35684.14423	24140.97895
68	Forested Area Adjacent to Fairways Quarters	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree	35941.45388	23886.46416
69	Forested Area Adjacent to Fairways Quarters	cf. *Asplenium nitidum*	Aspleniaceae	Native	Presumed Extinct	Epiphyte	35878.31342	24228.34375
70	Forested Area Adjacent to Fairways Quarters	cf. *Dibridsonia conferta*	Rubiaceae	Native	Endangered	Tree	35878.64613	24095.79827
71	Forested Area Adjacent to Fairways Quarters	cf. *Dibridsonia conferta*	Rubiaceae	Native	Endangered	Tree	35957.26546	23891.80628
72	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35941.67288	24123.28761
73	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35694.20763	24065.41364
74	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35695.53338	24145.76455
75	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35706.70089	24185.04983
76	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35732.46501	24173.4761
77	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35716.65326	24140.86812
78	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35864.38204	24091.01263
79	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35669.21868	23997.97195
80	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35597.45838	24109.70541
81	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35661.14221	24003.20243
82	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35967.10856	23880.78879
83	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35939.68367	23880.00935
84	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36046.61211	23868.32561
85	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36087.52294	23825.36862
86	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	36008.57056	24172.2558
87	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35987.89291	24182.38283
88	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35970.97793	24206.19848
89	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35945.75907	24201.52398
90	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35924.86824	24210.98327
91	Forested Area Adjacent to Fairways Quarters	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	35868.91981	23917.73534
92	Forested Area Adjacent to Fairways Quarters	*Cyclosorus polycarpus*	Thelypteridaceae	Native	Vulnerable	Herb	35592.14903	24008.87718
93	Forested Area Adjacent to Fairways Quarters	*Dacryodes* cf. *rostrata*	Burseraceae	Native	Vulnerable	Tree	36089.51516	23854.74898
94	Forested Area Adjacent to Fairways Quarters	*Endospermum* sp.	Euphorbiaceae	Native	Vulnerable	Tree	35992.31	24180.66
95	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree	35978.61104	23842.06033
96	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree	36003.04222	23843.17359
97	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree	36020.30012	23819.13539
98	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree	36031.68162	23817.91139
99	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree	36055.78872	23796.21037
100	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree	36060.98825	23798.21365
101	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree	36005.92482	23834.49308
102	Forested Area Adjacent to Fairways Quarters	*Ficus aurata* var. *aurata*	Moraceae	Native	Vulnerable	Tree	35994.64538	23829.03974
103	Forested Area Adjacent to Fairways Quarters	*Ficus cf. kerkhovenii*	#N/A	#N/A	#N/A	#N/A	35651.906	24123.894
104	Forested Area Adjacent to Fairways Quarters	*Ficus glandulifera*	Moraceae	Native	Critically Endangered	Tree	35955.555	23847.682
105	Forested Area Adjacent to Fairways Quarters	*Ficus globosa*	Moraceae	Native	Endangered	Shrub	35847.57479	24081.5528
106	Forested Area Adjacent to Fairways Quarters	*Ficus kerkhovenii*	Moraceae	Native	Critically Endangered	Strangler	35759.885	24188.106

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
107	Forested Area Adjacent to Fairways Quarters	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	35828.00236	24128.4053
108	Forested Area Adjacent to Fairways Quarters	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	35760.21748	24193.1747
109	Forested Area Adjacent to Fairways Quarters	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	35796.92929	24181.60113
110	Forested Area Adjacent to Fairways Quarters	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub	35929.73568	24098.58123
111	Forested Area Adjacent to Fairways Quarters	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub	36013.99262	24163.24145
112	Forested Area Adjacent to Fairways Quarters	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub	35961.35747	24206.53221
113	Forested Area Adjacent to Fairways Quarters	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub	35997.06839	24192.06512
114	Forested Area Adjacent to Fairways Quarters	*Guioa pleuropteris*	Sapindaceae	Native	Vulnerable	Shrub	36054.79685	23811.56826
115	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	35867.03483	24162.0152
116	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	35846.91138	24078.77056
117	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	35978.61115	23834.71524
118	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	35966.9979	23842.72788
119	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	35988.33764	24190.28437
120	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	35927.85257	24209.53655
121	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	36060.98825	23798.21365
122	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	36074.14917	23800.99609
123	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	35994.42279	23843.39604
124	Forested Area Adjacent to Fairways Quarters	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	36048.9393	23808.1182
125	Forested Area Adjacent to Fairways Quarters	*Gymnacranthera farquhariana* var. *farquhariana*	Myristicaceae	Native	Critically Endangered	Tree	36060.98825	23798.21365
126	Forested Area Adjacent to Fairways Quarters	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35518.16739	24167.57476
127	Forested Area Adjacent to Fairways Quarters	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35618.34841	24156.11337
128	Forested Area Adjacent to Fairways Quarters	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35608.62642	24118.94259
129	Forested Area Adjacent to Fairways Quarters	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35619.12692	24152.21825
130	Forested Area Adjacent to Fairways Quarters	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35923.76072	23883.68166
131	Forested Area Adjacent to Fairways Quarters	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	35980.2701	23842.50551
132	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35943.33176	24128.62951
133	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35949.0782	24123.06513
134	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35931.60745	24124.40036
135	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35700.17767	24182.82395
136	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35725.72143	24153.88909
137	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35864.27293	24158.78777
138	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35954.05514	24133.30381
139	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35863.27202	24149.77333
140	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35702.83086	24178.70629
141	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35706.59035	24182.71275
142	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35713.99946	24140.53421
143	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35716.65326	24140.86812
144	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35716.87429	24148.88095
145	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35671.86978	24186.27353
146	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35864.38204	24091.01263
147	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35561.84948	24118.94192
148	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35581.09056	24107.47939
149	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35598.00505	24118.05212
150	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35594.57597	24105.2538
151	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35591.70269	24112.26498
152	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35588.71833	24108.4811
153	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35586.61455	24099.46664
154	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35538.95673	24125.39638
155	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35669.32424	24130.9627
156	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35668.66615	24135.30297
157	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35713.66302	24184.71606
158	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35647.65457	24160.34277
159	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36127.0054	23852.3012

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
160	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35983.14235	23903.60332
161	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35983.58734	23893.92117
162	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35972.19681	23885.46302
163	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35939.68367	23880.34322
164	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35942.77909	23896.03505
165	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35928.40435	23874.11086
166	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35923.76072	23883.68166
167	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35946.31944	23905.71726
168	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35905.85409	23907.16342
169	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35992.87477	23855.74912
170	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35966.9979	23842.72788
171	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35981.59547	23841.50393
172	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35982.69793	23875.66973
173	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35990.11253	23875.66984
174	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35935.81858	23898.37202
175	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35905.74296	23899.81832
176	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36044.29457	23897.37205
177	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36046.61211	23868.32561
178	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36052.80351	23854.971
179	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36076.35435	23845.17792
180	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36095.15955	23855.63938
181	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36068.17949	23856.08413
182	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36059.55081	23853.85821
183	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36047.50174	23872.10946
184	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35932.71966	24121.50685
185	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35996.84618	24173.36853
186	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35998.72766	24169.47343
187	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35999.7286	24176.26209
188	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36080.34	23824.58948
189	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36005.2576	23827.48185
190	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35748.4	24099.09
191	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35725.3	24142.85
192	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35946.517	23900.892
193	Forested Area Adjacent to Fairways Quarters	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36052.36285	23856.08389
194	Forested Area Adjacent to Fairways Quarters	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber	35697.85154	24164.34989
195	Forested Area Adjacent to Fairways Quarters	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree	35524.46979	24170.69095
196	Forested Area Adjacent to Fairways Quarters	*Macaranga griffithiana*	Euphorbiaceae	Native	Vulnerable	Tree	36062.09108	23801.32977
197	Forested Area Adjacent to Fairways Quarters	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	35727.82547	24144.54082
198	Forested Area Adjacent to Fairways Quarters	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	35707.58304	24178.48377
199	Forested Area Adjacent to Fairways Quarters	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	36014.76681	23828.26102
200	Forested Area Adjacent to Fairways Quarters	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	35868.03003	23916.84501
201	Forested Area Adjacent to Fairways Quarters	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	36060.98825	23798.21365
202	Forested Area Adjacent to Fairways Quarters	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	35879.834	23910.559
203	Forested Area Adjacent to Fairways Quarters	*Nephrolepis* cf. *acutifolia*	Oleandraceae	Native	Endangered	Epiphyte	35796.92929	24181.60113
204	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35765.52809	24199.0731
205	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35864.38204	24091.01263
206	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35982.69793	23875.66973
207	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36100.34993	23841.61703
208	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35993.42619	24174.59266
209	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35989.55201	24179.71191
210	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35991.32206	24190.3957
211	Forested Area Adjacent to Fairways Quarters	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35925.41502	24211.87359
212	Forested Area Adjacent to Fairways Quarters	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree	36057.67013	23804.55708

Locations

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
213	Forested Area Adjacent to Fairways Quarters	*Pellacalyx axillaris*	Rhizophoraceae	Native	Endangered	Tree	36106.9858	23860.425
214	Forested Area Adjacent to Fairways Quarters	*Phlegmariurus carinatus*	Lycopodiaceae	Native	Presumed Extinct	Epiphyte	36078.491	23935.007
215	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35940.79252	24113.16028
216	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35696.74839	24184.15938
217	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35687.68281	24127.95815
218	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35716.65259	24188.49994
219	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35732.46501	24173.4761
220	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35722.18196	24143.76172
221	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35714.21986	24193.95308
222	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35745.84632	24050.61291
223	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35520.1601	24165.01513
224	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35602.2129	24115.82639
225	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35655.17178	24122.05935
226	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35561.84948	24118.94192
227	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35599.33045	24114.60217
228	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36101.35028	23886.68915
229	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35972.19681	23885.46302
230	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35957.04305	23887.02084
231	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35917.56928	23899.59592
232	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35901.86877	23905.27144
233	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36001.93898	23867.21204
234	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35893.57386	23892.58434
235	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36072.15583	23844.39883
236	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36065.96445	23856.41796
237	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36039.42913	23870.10613
238	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35945.87041	24193.84503
239	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35906.50765	24215.99103
240	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	35897.88813	24215.1006
241	Forested Area Adjacent to Fairways Quarters	*Piper pedicellosum*	Piperaceae	Native	Critically Endangered	Climber	36060.98825	23798.21365
242	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35686.57704	24129.85005
243	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35835.30129	24059.62864
244	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35823.13797	24065.30421
245	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35549.35375	24118.3853
246	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35578.54183	24105.58743
247	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36113.39915	23881.9039
248	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36124.12235	23890.58462
249	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35966.77478	23885.24036
250	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35939.68367	23880.34322
251	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35922.65776	23889.2461
252	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35978.61115	23834.71524
253	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35950.6298	23866.43224
254	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35966.9979	23842.72788
255	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35941.12035	23874.22234
256	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36072.15583	23844.39883
257	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36076.35435	23845.17792
258	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36039.42913	23870.10613
259	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36010.34566	23845.39949
260	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36022.28357	23821.91765
261	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36028.69718	23819.3581
262	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35941.56051	24203.41584
263	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36055.78872	23796.21037
264	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36052.69301	23806.78279
265	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36060.98825	23798.21365

Locations

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
266	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36008.90916	23839.16727
267	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35910.269	24154.897
268	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36127.4	23878.118
269	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35952.232	23906.321
270	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35971.173	23837.665
271	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36096.37	23828.94
272	Forested Area Adjacent to Fairways Quarters	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36024.84	23861.19
273	Forested Area Adjacent to Fairways Quarters	*Psychotria sarmentosa*	Rubiaceae	Native	Critically Endangered	Climber	35959.03585	23885.90798
274	Forested Area Adjacent to Fairways Quarters	*Pternandra caerulescens*	Melastomataceae	Native	Vulnerable	Tree	35951.7381	24129.18608
275	Forested Area Adjacent to Fairways Quarters	*Pternandra caerulescens*	Melastomataceae	Native	Vulnerable	Tree	36060.98825	23798.21365
276	Forested Area Adjacent to Fairways Quarters	*Pternandra caerulescens*	Melastomataceae	Native	Vulnerable	Tree	36021.0696	23805.33554
277	Forested Area Adjacent to Fairways Quarters	*Sterculia parviflora*	Malvaceae	Native	Critically Endangered	Tree	35741.115	23934.532
278	Forested Area Adjacent to Fairways Quarters	*Strophanthus caudatus*	Apocynaceae	Native	Endangered	Climber	35939.68367	23880.00935
279	Forested Area Adjacent to Fairways Quarters	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	35765.19445	24193.95379
280	Forested Area Adjacent to Fairways Quarters	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	35729.58654	24140.8683
281	Forested Area Adjacent to Fairways Quarters	*Syzygium cf. fastigiatum*	Myrtaceae	Not assessed	-	Tree	35810.31144	24053.84124
282	Forested Area Adjacent to Fairways Quarters	*Syzygium cf. pustulatum*	Myrtaceae	Native	Critically Endangered	Tree	35592.14757	24110.0392
283	Forested Area Adjacent to Fairways Quarters	*Uncaria longiflora var. pteropoda*	Rubiaceae	Native	Critically Endangered	Climber	36008.79812	23826.03514
284	Forested Area Adjacent to Fairways Quarters	*Uncaria longiflora var. pteropoda*	Rubiaceae	Native	Critically Endangered	Climber	36010.79089	23819.80298
285	Forested Area Adjacent to Fairways Quarters	*Xanthophyllum ellipticum*	Polygalaceae	Native	Critically Endangered	Tree	35939.90149	24200.63359
286	Forested Area Adjacent to Fairways Quarters	*Xanthophyllum eurhynchum*	Polygalaceae	Native	Vulnerable	Shrub	35894.89908	23901.04234
287	Forested Area Adjacent to Fairways Quarters	*Xanthophyllum eurhynchum*	Polygalaceae	Native	Vulnerable	Shrub	36060.98825	23798.21365
288	Forested Area Adjacent to Fairways Quarters	*Xanthophyllum eurhynchum*	Polygalaceae	Native	Vulnerable	Shrub	36060.98825	23798.21365

Appendix D3

List and Locations of Plants of Conservation Significance in Windsor

S/N	Site	Species	Family	Origin	Status	Habit
1	Windsor	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber
2	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber
3	Windsor	*Aidia densiflora*	Rubiaceae	Native	Vulnerable	Tree
4	Windsor	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree
5	Windsor	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber
6	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree
7	Windsor	*Aporosa* cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree
8	Windsor	*Aporosa nervosa*	Phyllanthaceae	Native	Vulnerable	Tree
9	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber
10	Windsor	*Baccaurea sumatrana*	Phyllanthaceae	Native	Vulnerable	Tree
11	Windsor	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree
12	Windsor	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree
13	Windsor	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb
14	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber
15	Windsor	*Cratoxylum cochinchinense*	Hypericaceae	Native	Endangered	Tree
16	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree
17	Windsor	*Elaeocarpus nitidus*	Elaeocarpaceae	Native	Vulnerable	Tree
18	Windsor	*Elaeocarpus rugosus*	Elaeocarpaceae	Native	Critically Endangered	Tree
19	Windsor	*Enkleia malaccensis*	Thymelaeaceae	Native	Critically Endangered	Climber
20	Windsor	*Erythropalum scandens*	Olacaceae	Native	Vulnerable	Climber
21	Windsor	*Garcinia forbesii*	Clusiaceae	Native	Critically Endangered	Tree
22	Windsor	*Gironniera subaequalis*	Cannabaceae	Native	Endangered	Tree
23	Windsor	*Glochidion zeylanicum* var. *zeylanicum*	Phyllanthaceae	Native	Vulnerable	Tree
24	Windsor	*Gnetum* sp.	Gnetaceae	Native	Critically Endangered	Climber
25	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte
26	Windsor	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree
27	Windsor	*Gymnacranthera* cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree
28	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree
29	Windsor	*Knema malayana*	Myristicaceae	Native	Endangered	Tree
30	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree
31	Windsor	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber
32	Windsor	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree
33	Windsor	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub
34	Windsor	*Oxyceros bispinosus*	Rubiaceae	Native	Endangered	Climber
35	Windsor	*Oxyceros longiflorus*	Rubiaceae	Native	Vulnerable	Climber
36	Windsor	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree
37	Windsor	*Phanera semibifida var. semibifida*	Fabaceae	Native	Vulnerable	Climber
38	Windsor	*Radermachera quadripinnata* ssp. *lobbii*	Bignoniaceae	Native	Critically Endangered	Tree
39	Windsor	*Rinorea anguifera*	Violaceae	Native	Critically Endangered	Tree
40	Windsor	*Rourea asplenifolia*	Connaraceae	Native	Critically Endangered	Climber
41	Windsor	*Rourea fulgens*	Connaraceae	Native	Vulnerable	Climber
42	Windsor	*Salacia* cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber
43	Windsor	*Salacia* cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber
44	Windsor	*Sandoricum koetjape*	Meliaceae	Native	Endangered	Tree
45	Windsor	*Santiria laevigata*	Burseraceae	Native	Vulnerable	Tree
46	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree
47	Windsor	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber
48	Windsor	*Tetracera fagifolia*	Dilleniaceae	Native	Vulnerable	Climber
49	Windsor	*Tetracera macrophylla*	Dilleniaceae	Native	Vulnerable	Climber

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
1	Windsor	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	38303.19515	27161.71271
2	Windsor	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	38259.95841	27221.0292
3	Windsor	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	38265.82549	27158.70781
4	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38253.43374	27178.07192
5	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38284.94603	27112.30068
6	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38305.95708	27163.93848
7	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38315.46627	27176.18021
8	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38272.56328	27223.58887
9	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38405.59068	27332.42909
10	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38141.54003	26609.72229
11	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38154.80194	26818.38789
12	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38140.10249	26806.81384
13	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38164.64436	26940.91633
14	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38166.08082	26974.5254
15	Windsor	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	38244.92584	27058.10317
16	Windsor	*Aidia densiflora*	Rubiaceae	Native	Vulnerable	Tree	38291.91523	27297.92946
17	Windsor	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	38263.16571	27094.49449
18	Windsor	*Amphineuron opulentum*	Thelypteridaceae	Native	Endangered	Climber	38110.01704	26970.29623
19	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	38209.76159	27154.14481
20	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	38250.33829	27113.41345
21	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	38141.42883	26623.63333
22	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	38146.61882	26658.3553
23	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	38148.72267	26671.15346
24	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	38155.46918	26836.19402
25	Windsor	*Aporosa benthamiana*	Phyllanthaceae	Native	Vulnerable	Tree	38109.91522	26935.24041
26	Windsor	*Aporosa* cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	38278.86577	27207.22952
27	Windsor	*Aporosa nervosa*	Phyllanthaceae	Native	Vulnerable	Tree	38297.11536	27107.96048
28	Windsor	*Aporosa nervosa*	Phyllanthaceae	Native	Vulnerable	Tree	38179.12986	27168.83477
29	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	38266.92857	27095.16223
30	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	38283.39825	27131.8874
31	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	38300.54412	27274.1138
32	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	38366.99752	27323.41465
33	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	38138.33288	26681.83709
34	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	38154.57917	26914.2071
35	Windsor	*Artabotrys suaveolens*	Annonaceae	Native	Endangered	Climber	38146.61759	26931.23418
36	Windsor	*Baccaurea sumatrana*	Phyllanthaceae	Native	Vulnerable	Tree	38284.84401	27133.55673
37	Windsor	*Baccaurea sumatrana*	Phyllanthaceae	Native	Vulnerable	Tree	38281.63717	27149.47094
38	Windsor	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	38290.81294	27104.7331
39	Windsor	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	38259.5137	27177.5155
40	Windsor	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree	38317.904	27142.3486
41	Windsor	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree	38315.03081	27144.90822
42	Windsor	*Carallia brachiata*	Rhizophoraceae	Native	Endangered	Tree	38018.46736	26554.8565
43	Windsor	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	38202.5698	27053.98535
44	Windsor	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	38226.12042	27073.01573
45	Windsor	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	38259.5137	27177.5155
46	Windsor	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	38222.81156	27112.30047
47	Windsor	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	38308.39461	27159.1531
48	Windsor	*Centotheca lappacea*	Poaceae	Native	Critically Endangered	Herb	38174.04212	27028.94539
49	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38219.70674	27075.24147
50	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38266.92857	27095.16223
51	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38299.10802	27112.18944
52	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38264.16643	27155.81431
53	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38284.84401	27133.55673
54	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38332.27911	27127.99247
55	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38307.39371	27151.69678
56	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38305.73451	27196.43464
57	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38280.30238	27199.66192
58	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38275.8813	27224.03403
59	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38282.7396	27303.38256
60	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38373.29993	27333.87576
61	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38027.645	26567.87729
62	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38077.40355	26597.59153
63	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38014.26816	26576.78028
64	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38134.01407	26633.87181
65	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38141.86431	26639.43627
66	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38121.96517	26676.27259
67	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38133.35583	26675.27105
68	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38148.83398	26656.68599
69	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38162.32777	26845.09711
70	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38117.20916	26970.85269
71	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38147.95214	26953.93699
72	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38135.7829	26963.28516
73	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38174.04212	27028.94539
74	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38182.7819	27076.46552
75	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38242.48822	27055.32095
76	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38251.66383	27058.77092
77	Windsor	*Connarus semidecandrus*	Connaraceae	Native	Critically Endangered	Climber	38266.48352	27157.14978
78	Windsor	*Cratoxylum cochinchinense*	Hypericaceae	Native	Endangered	Tree	38336.03283	27118.53299
79	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	38257.08563	27094.49447
80	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	38320.22112	27135.22617
81	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	38314.14105	27134.33584

Locations

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
82	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	38285.94676	27209.4553
83	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	38286.05774	27300.60036
84	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	38119.52623	26976.41712
85	Windsor	*Dysoxylum cauliflorum*	Meliaceae	Native	Vulnerable	Tree	38269.57909	27150.13863
86	Windsor	*Elaeocarpus nitidus*	Elaeocarpaceae	Native	Vulnerable	Tree	38134.34683	26836.08264
87	Windsor	*Elaeocarpus rugosus*	Elaeocarpaceae	Native	Critically Endangered	Tree	38293.57479	27129.55038
88	Windsor	*Enkleia malaccensis*	Thymelaeaceae	Native	Critically Endangered	Climber	38279.53343	27100.50411
89	Windsor	*Erythropalum scandens*	Olacaceae	Native	Vulnerable	Climber	38257.08563	27094.49447
90	Windsor	*Gironniera subaequalis*	Cannabaceae	Native	Endangered	Tree	38306.40205	27124.20859
91	Windsor	*Gironniera subaequalis*	Cannabaceae	Native	Endangered	Tree	38314.91966	27117.97648
92	Windsor	*Gironniera subaequalis*	Cannabaceae	Native	Endangered	Tree	38313.03822	27121.31512
93	Windsor	*Glochidion zeylanicum* var. *zeylanicum*	Phyllanthaceae	Native	Vulnerable	Tree	38141.31761	26619.73824
94	Windsor	*Glochidion zeylanicum* var. *zeylanicum*	Phyllanthaceae	Native	Vulnerable	Tree	38151.37262	26831.07474
95	Windsor	*Gnetum* sp.	Gnetaceae	Native	Critically Endangered	Climber	38304.07566	27159.9321
96	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	38267.03964	27146.13224
97	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	38145.73846	26628.8639
98	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	38119.97158	26878.14955
99	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	38193.506	26903.07843
100	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	38190.29894	26943.92121
101	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	38186.21148	26988.10264
102	Windsor	*Goniophlebium percussum*	Polypodiaceae	Native	Vulnerable	Epiphyte	38244.92584	27058.10317
103	Windsor	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	38298.66303	27124.65372
104	Windsor	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	38312.14842	27120.98125
105	Windsor	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	38141.2063	26635.42988
106	Windsor	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	38122.73444	26676.94033
107	Windsor	*Guioa pubescens*	Sapindaceae	Native	Vulnerable	Tree	38138.33288	26681.83709
108	Windsor	*Gymnacranthera* cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree	38250.33829	27113.41345
109	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	38347.08919	27361.47517
110	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	38033.94773	26575.77879
111	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	38129.14806	26666.0341
112	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	38132.79967	26690.85141
113	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	38141.09482	26683.39514
114	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	38169.28822	26848.76966
115	Windsor	*Horsfieldia polyspherula*	Myristicaceae	Native	Vulnerable	Tree	38245.58388	27054.43066
116	Windsor	*Knema malayana*	Myristicaceae	Native	Endangered	Tree	38403.26429	27334.65485
117	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	38288.59779	27103.62021
118	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	38331.38936	27114.5266
119	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	38309.9425	27139.12122
120	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	38302.86148	27147.69039
121	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	38315.46627	27176.18021
122	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	38274.66719	27225.59206
123	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	38077.40355	26597.59153
124	Windsor	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	38021.89605	26577.22548
125	Windsor	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber	38240.49546	27082.03013
126	Windsor	*Lygodium longifolium*	Schizaeaceae	Native	Vulnerable	Climber	38250.33829	27113.41345
127	Windsor	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	38308.83026	27164.60622
128	Windsor	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	38189.30715	26985.20916
129	Windsor	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	38273.11963	27136.22761
130	Windsor	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	38296.78136	27198.88295
131	Windsor	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	38276.21507	27206.3392
132	Windsor	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	38126.83006	26692.52071
133	Windsor	*Oxyceros bispinosus*	Rubiaceae	Native	Endangered	Climber	38268.80985	27141.68072
134	Windsor	*Oxyceros bispinosus*	Rubiaceae	Native	Endangered	Climber	38283.39825	27131.8874
135	Windsor	*Oxyceros bispinosus*	Rubiaceae	Native	Endangered	Climber	38307.39371	27151.69678
136	Windsor	*Oxyceros longiflorus*	Rubiaceae	Native	Vulnerable	Climber	38260.51473	27142.79357
137	Windsor	*Radermachera quadripinnata* ssp. *lobbii*	Bignoniaceae	Native	Critically Endangered	Tree	38371.64103	27310.95039
138	Windsor	*Rinorea anguifera*	Violaceae	Native	Critically Endangered	Tree	38300.98012	27124.98759
139	Windsor	*Rourea asplenifolia*	Connaraceae	Native	Critically Endangered	Climber	38314.91966	27117.97648
140	Windsor	*Rourea asplenifolia*	Connaraceae	Native	Critically Endangered	Climber	38295.7899	27143.23884
141	Windsor	*Rourea fulgens*	Connaraceae	Native	Vulnerable	Climber	38300.21082	27133.44549
142	Windsor	*Salacia* cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber	38245.58388	27054.43066
143	Windsor	*Salacia* cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber	38300.21082	27133.44549
144	Windsor	*Sandoricum koetjape*	Meliaceae	Native	Endangered	Tree	38259.5137	27177.5155
145	Windsor	*Sandoricum koetjape*	Meliaceae	Native	Endangered	Tree	38300.21082	27133.44549
146	Windsor	*Santiria laevigata*	Burseraceae	Native	Vulnerable	Tree	38298.66303	27124.65372
147	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38281.63735	27096.8316
148	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38287.49494	27097.9445
149	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38281.526	27130.10678
150	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38255.87128	27170.61562
151	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38259.5137	27177.5155
152	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38211.08711	27101.72805
153	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38250.33829	27113.41345
154	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38337.91427	27117.08625
155	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38296.44791	27149.69356
156	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38302.86148	27147.69039
157	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38305.52147	27182.30104
158	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38288.37503	27193.31852
159	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38280.30238	27199.66192
160	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38059.04826	26571.54997
161	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38071.87492	26577.11445
162	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38079.28335	26593.80774

Locations

S/N	Site	Species	Family	Origin	Status	Habit	Northing	Easting
163	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38082.9323	26597.59156
164	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38044.23106	26601.26387
165	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38137.44324	26652.34569
166	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38122.73444	26676.94033
167	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38150.38137	26747.16337
168	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38163.43094	26778.10157
169	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38164.53361	26824.62008
170	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38155.69158	26853.77757
171	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38156.23856	26811.48802
172	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38126.71907	26830.4069
173	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38134.34683	26836.08264
174	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38124.83756	26846.5437
175	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38152.26213	26898.62673
176	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38144.85686	26888.49947
177	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38175.36795	26905.5267
178	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38176.03536	26882.37874
179	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38160.88163	26907.30725
180	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38182.89379	26903.74612
181	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38137.33089	26920.2166
182	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38140.87124	26930.23256
183	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38147.95226	26925.44719
184	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38133.9015	26953.3805
185	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38177.24921	26947.48239
186	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38117.20916	26970.85269
187	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38251.117	27069.67717
188	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38278.31914	27154.25632
189	Windsor	*Strombosia javanica*	Olacaceae	Native	Vulnerable	Tree	38279.64449	27153.14344
190	Windsor	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber	38148.94411	26900.18476
191	Windsor	*Strophanthus caudatus*	Apocynaceae	Native	Critically Endangered	Climber	38141.64973	26948.48384
192	Windsor	*Tetracera fagifolia*	Dilleniaceae	Native	Vulnerable	Climber	38269.468	27138.67594
193	Windsor	*Tetracera fagifolia*	Dilleniaceae	Native	Vulnerable	Climber	38264.16643	27155.81431
194	Windsor	*Tetracera fagifolia*	Dilleniaceae	Native	Vulnerable	Climber	38209.76159	27154.14481
195	Windsor	*Tetracera fagifolia*	Dilleniaceae	Native	Vulnerable	Climber	38299.98837	27159.93209
196	Windsor	*Tetracera fagifolia*	Dilleniaceae	Native	Vulnerable	Climber	38280.74723	27197.77002
197	Windsor	*Tetracera fagifolia*	Dilleniaceae	Native	Vulnerable	Climber	38282.1837	27239.05796
198	Windsor	*Tetracera macrophylla*	Dilleniaceae	Native	Vulnerable	Climber	38269.57909	27150.13863
199	Windsor	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree	38126.312	26689.384

Appendix E1

List of Large Plant Specimens in Eng Neo Avenue Forest

S/N	Site	Species	Family	Origin	Status	Habit	Girth/ spread (m)	Height (m)	Northing	Easting
1	Eng Neo Avenue Forest	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree	3.7	25	36031.938	24580.569
2	Eng Neo Avenue Forest	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	15	16	35871.67081	24728.03233
3	Eng Neo Avenue Forest	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	10	10	35948.147	24635.031
4	Eng Neo Avenue Forest	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	10	10	35960.603	24663.679
5	Eng Neo Avenue Forest	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	10	10	35964.523	24667.989
6	Eng Neo Avenue Forest	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	3	8	35927.224	24691.295
7	Eng Neo Avenue Forest	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3	18	36405.819	24054.316
8	Eng Neo Avenue Forest	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.1	20	36406.133	24041.666
9	Eng Neo Avenue Forest	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3	18	36404.742	24044.013
10	Eng Neo Avenue Forest	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.3	18	36458.723	24078.287
11	Eng Neo Avenue Forest	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	5	25	36238.885	24088.331
12	Eng Neo Avenue Forest	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	5	16	36081.964	24232.192
13	Eng Neo Avenue Forest	*Ficus variegata*	Moraceae	Native	Common	Tree	3.5	20	36194.109	24416.955

Appendix E2

List of Large Plant Specimens in Forested Area Adjacent to Fairways Quarters

S/N	Site	Species	Family	Origin	Status	Habit	Girth/ spread (m)	Height (m)	Northing	Easting
1	Forested Area Adjacent to Fairways Quarters	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	3	18	35958.19	24211.14
2	Forested Area Adjacent to Fairways Quarters	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	3	10	35594.02989	24047.93977
3	Forested Area Adjacent to Fairways Quarters	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	4	10	35483.78366	24052.50104
4	Forested Area Adjacent to Fairways Quarters	*Calophyllum inophyllum*	Calophyllaceae	Native	Critically Endangered	Tree	3.3	12	35605.93	24190.61
5	Forested Area Adjacent to Fairways Quarters	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	3	15	35631.751	24131.009
6	Forested Area Adjacent to Fairways Quarters	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	4	18	35838.189	24066.669
7	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	4.8	22	35933.446	24104.602
8	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	5	20	35943.227	24131.985
9	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3	22	35561.32	24117.07
10	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.1	20	35575.17	24098.99
11	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.7	20	35582.55	24107.42
12	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	4.5	20	35508.056	24058.133
13	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.2	25	36113.277	23883.382
14	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.1	20	35988.435	23908.708
15	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.6	20	35944.128	23875.597
16	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3	25	35941.513	23887.176
17	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.2	20	36049.27	23855.46
18	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.7	25	36050.85	23848.34
19	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.2	20	36059.58	23841.65
20	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3	20	36110.26	23843.32
21	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	5.4	25	36103.55	23833.81
22	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.3	25	36038.28	23858.35
23	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	4.4	20	36047.96	23880.02
24	Forested Area Adjacent to Fairways Quarters	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.4	20	36040.69	23882.03
25	Forested Area Adjacent to Fairways Quarters	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	3	8	35426.75	24144.69
26	Forested Area Adjacent to Fairways Quarters	*Elaeocarpus angustifolius*	Elaeocarpaceae	Exotic	Cultivated Only	Tree	4.1	18	35756.786	24039.442
27	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	3.2	15	35607.65	24184.04
28	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	4.2	18	35617.636	24153.449
29	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	4.5	20	35403.42	24078
30	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	3.6	18	35964.396	23875.755
31	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	3	16	36003.054	23867.738
32	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	3.2	20	36048.78	23849.75
33	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	3.2	20	36094.4	23822
34	Forested Area Adjacent to Fairways Quarters	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	4.8	20	36087.47	23827.56
35	Forested Area Adjacent to Fairways Quarters	*Ficus barteri*	Moraceae	Exotic	Cultivated Only	Tree	4	12	35439.54	24063.65
36	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3	20	35810.83	24136.28
37	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3.5	17	35835.03	24132.85
38	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	5	20	35709.187	24038.693
39	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3.5	20	35709.168	24184.201
40	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	4	18	35875.295	24096.226
41	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3	17	35672.19	24191.63
42	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3	16	35518.25	24172.37
43	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3.5	15	35593.783	24019.052
44	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	4	18	35662.41	24097.511
45	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3	18	35665.349	24149.667
46	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	4.1	14	35614.811	23977.306
47	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3.7	13	35721.857	23918.172
48	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	4	20	36100.004	23889.83
49	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	7	16	35837.09	24211.94
50	Forested Area Adjacent to Fairways Quarters	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	3	20	36045.75	24094.16
51	Forested Area Adjacent to Fairways Quarters	*Ficus* cf. *kerkhovenii*	Moraceae	Native	Critically Endangered	Strangler	5	18	35651.906	24123.894
52	Forested Area Adjacent to Fairways Quarters	*Ficus kerkhovenii*	Moraceae	Native	Critically Endangered	Strangler	14	18	35759.885	24188.106
53	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4	9	35749.9	24070.47
54	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	6	16	35754.63	24074.94
55	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	8	18	35670.191	24003.863
56	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	6	15	35665.92	24181.86
57	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3	18	35516.36	24180.44
58	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	7	18	35534.16	24174.11
59	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	8	20	35561.73	24187.34
60	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	8	18	35586.34	24224.33
61	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	8	10	35669.045	24073.308
62	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	8	12	35611.755	24021.203
63	Forested Area Adjacent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	10	19	35616.07	24192.6

S/N	Site	Species	Family	Origin	Status	Habit	Girth/ spread (m)	Height (m)	Northing	Easting
64	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	10	16	35572.52	24121.74
65	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4	20	35611.36	24115.34
66	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	5	20	35609.17	24125.79
67	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4.1	20	35578.61	24085.08
68	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4	10	35578.11	24081.82
69	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3	20	35536.85	24161.31
70	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3	15	35550.22	24156.01
71	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3	20	35601.79	24127.93
72	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	10	16	35616.498	24096.999
73	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3	14	35466.15	24092.23
74	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	12	20	35493.13	24119.01
75	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4	20	35497.07	24115.57
76	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4	20	35445.87	24089.5
77	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4	14	36011	24085.01
78	Forested Area Adajcent to Fairways Quarters	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	8	20	35887.512	23931.167
79	Forested Area Adajcent to Fairways Quarters	*Ficus religiosa*	Moraceae	Exotic	Naturalised	Strangler	3.8	13	35633.288	23959.289
80	Forested Area Adajcent to Fairways Quarters	*Ficus variegata*	Moraceae	Native	Common	Tree	3	15	35510.79	24116.15
81	Forested Area Adajcent to Fairways Quarters	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	3	15	35608.46	24209.66
82	Forested Area Adajcent to Fairways Quarters	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	3	18	35515.16	24137.56
83	Forested Area Adajcent to Fairways Quarters	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	3.1	18	35682.264	23963.044
84	Forested Area Adajcent to Fairways Quarters	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	4	15	35900.337	23896.946
85	Forested Area Adajcent to Fairways Quarters	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	4.4	20	35907.421	23894
86	Forested Area Adajcent to Fairways Quarters	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	4.4	16	35993.52	24116.66
87	Forested Area Adajcent to Fairways Quarters	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	3	18	35959.37	24220.88
88	Forested Area Adajcent to Fairways Quarters	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	4.8	25	35866.66	24222.5
89	Forested Area Adajcent to Fairways Quarters	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	3	25	35877.82	24220.39
90	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3	15	35856.128	24191.867
91	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3	17	35832.458	24182.623
92	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.3	17	35833.928	24169.417
93	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	5	20	35797.693	24154.852
94	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4.8	18	35796.333	24184.257
95	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.1	16	35794.579	24198.894
96	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3	16	35856.53	24157.58
97	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3	18	35812.4	24150.49
98	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.8	20	35699.171	24191.227
99	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4.2	20	35716.25	24168.726
100	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	7.8	12	35537.46	24228.31
101	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4	14	35550.18	24184.46
102	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4.4	16	35579.6	24195.06
103	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.7	10	35596.307	24056.734
104	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	5.3	20	35574.1	24142.43
105	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4.6	20	35571	24166.23
106	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	7.7	20	35773.429	23915.026
107	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4.5	20	35428.12	24142.66
108	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	5.3	18	36078.491	23935.007
109	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.6	13	35870.37	24221.37
110	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.6	20	35823.94	24216.46
111	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4	16	35830.74	24186.9
112	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4	20	35793.46	24221.47
113	Forested Area Adajcent to Fairways Quarters	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4.2	20	35790.32	24207.25
114	Forested Area Adajcent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	3.6	16	35764.34	24121.08
115	Forested Area Adajcent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	3.2	18	35823.672	24060.641
116	Forested Area Adajcent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	3	14	35561.64	24233.86
117	Forested Area Adajcent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	3.8	16	35532.43	24244.32
118	Forested Area Adajcent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	3	12	35542.12	24184.14
119	Forested Area Adajcent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	3	16	35631.97	24164.515
120	Forested Area Adajcent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	3	10	35723.644	23933.052
121	Forested Area Adajcent to Fairways Quarters	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	3	15	35846.969	23932.324
122	Forested Area Adajcent to Fairways Quarters	*Syzygium grande*	Myrtaceae	Native	Common	Tree	3.4	15	35536.33	24119.97
123	Forested Area Adajcent to Fairways Quarters	*Syzygium grande*	Myrtaceae	Native	Common	Tree	4	18	35472.814	24049.966
124	Forested Area Adajcent to Fairways Quarters	*Syzygium grande*	Myrtaceae	Native	Common	Tree	3.5	17	35524.654	24035.362
125	Forested Area Adajcent to Fairways Quarters	*Thyrsostachys siamensis*	Poaceae	Exotic	Casual	Shrub	3	8	35495.73066	24042.1513
126	Forested Area Adajcent to Fairways Quarters	*Thyrsostachys siamensis*	Poaceae	Exotic	Casual	Shrub	3	6	35492.62589	24029.90942

S/N	Site	Species	Family	Origin	Status	Habit	Girth/ spread (m)	Height (m)	Northing	Easting
127	Forested Area Adajcent to Fairways Quarters	*Thyrsostachys siamensis*	Poaceae	Exotic	Casual	Shrub	4	6	35436.79327	24070.86311
128	Forested Area Adajcent to Fairways Quarters	*Thyrsostachys siamensis*	Poaceae	Exotic	Casual	Shrub	3	6	35610.7233	23970.59391

Appendix E3

List of Large Plant Specimens in Windsor

S/N	Site	Species	Family	Origin	Status	Habit	Girth/ spread (m)	Height (m)	Northing	Easting
1	Windsor	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree	3.3	28	37934.975	26529.154
2	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	10	12	38200.58624	27075.57527
3	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	6	9	38212.85744	27093.7153
4	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	4	8	38337.36677	27364.7025
5	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	3	12	38168.29678	26780.66122
6	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	5	12	38211.19827	27125.20987
7	Windsor	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	3.1	20	38114.363	26585.863
8	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	5	20	38319.89608	27350.34628
9	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	15	22	38328.40438	27349.78986
10	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4	20	38373.29988	27352.57218
11	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	9	20	38381.81759	27304.16183
12	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3	19	38372.52131	27357.69143
13	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3.8	19	38405.59068	27332.42909
14	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	10	18	37996.967	26546.336
15	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	4	16	38156.5	26709.63
16	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3	18	38184.165	26888.639
17	Windsor	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	10	18	38111.928	26923.112
18	Windsor	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	3	18	38092.091	26622.97
19	Windsor	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	3	15	38273.11963	27136.22761
20	Windsor	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	3	10	38276.21507	27206.3392
21	Windsor	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	4.5	20	38373.29993	27333.87576
22	Windsor	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	3	20	38165.791	26778.494
23	Windsor	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	4.5	20	38111.943	26901.81
24	Windsor	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	4.5	20	38108.578	26907.894
25	Windsor	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.05	13	37925.158	26494.044
26	Windsor	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.4	13	37944.186	26508.533
27	Windsor	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	4	15	37964.78	26524.612
28	Windsor Nature Park	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	8	18	38148.38681	27251.74445
29	Windsor Nature Park	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	6	18	38147.39501	27272.66664
30	Windsor Nature Park	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	4	12	38041.68117	27203.44501
31	Windsor Nature Park	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	12	12	38041.68117	27203.44501
32	Windsor Nature Park	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	10	20	38015.9223	26948.48335
33	Windsor Nature Park	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	10	20	37999.88897	26941.91727
34	Windsor Nature Park	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	5	20	38033.28386	27294.924
35	Windsor Nature Park	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	5	30	38044.89343	26826.40017
36	Windsor Nature Park	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	15	20	38090.33927	26935.12904
37	Windsor Nature Park	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	10	18	38106.92038	27277.89708
38	Windsor Nature Park	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	15	25	38020.67904	27274.5582
39	Windsor Nature Park	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	20	20	38062.14564	27191.31465
40	Windsor Nature Park	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	3	20	38104.93423	27199.21625
41	Windsor Nature Park	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	7	18	38093.76601	27253.07975
42	Windsor Nature Park	*Ficus variegata*	Moraceae	Native	Common	Tree	4	20	37843.42758	26501.43712
43	Windsor Nature Park	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	3.2	20	38105.48697	27245.51218

Appendix F1

List of Other Specimens of Value in Eng Neo Avenue Forest

S/N	Site	Species	Family	Origin	Status	Habit	Girth/ spread (m)	Height (m)	Northing	Easting	Remarks
1	Eng Neo Avenue Forest	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	-	-	35648.53134	24436.11775	Honey bee hive
2	Eng Neo Avenue Forest	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	-	-	36325.59357	24071.2098	Raptor nest
3	Eng Neo Avenue Forest	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	-	-	36003.92459	24361.66993	Honey bee hive about 50 m northwest of waypoint

Appendix F2

List of Other Specimens of Value in Forested Area Adjacent to Fairways Quarters

S/N	Site	Species	Family	Origin	Status	Habit	Girth/ spread (m)	Height (m)	Northing	Easting	Remarks
1	Forested Area Adjacent to Fairway Quarters	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	0.5	8	35594.02989	24047.93977	Bamboo
2	Forested Area Adjacent to Fairway Quarters	*Ficus kerkhovenii*	Moraceae	Native	Critically Endangered	Strangler	14	18	35759.885	24188.106	Wasp nests
3	Forested Area Adjacent to Fairway Quarters	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	1.3	20	35665.031	24106.226	Bird nest
4	Forested Area Adjacent to Fairway Quarters	Unknown	-	-	-	-	1.1	8	36027.82	23820.59	Bird nest

Appendix F3

List of Other Specimens of Value in Windsor

S/N	Site	Species	Family	Origin	Status	Habit	Girth/ spread (m)	Height (m)	Northing	Easting
1	Windsor	*Bambusa heterostachya*	Poaceae	Exotic	Casual	Shrub	1	4	38181.89239	26997.7847
2	Windsor	*Bambusa multiplex*	Poaceae	Exotic	Cultivated Only	Shrub	2	7	38149.93689	26648.89581
3	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	2	8	38358.47996	27357.02367
4	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	2	8	38369.10133	27361.58651
5	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	1	5	38390.88184	27353.6851
6	Windsor	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	-	-	38170.94732	26817.16379
7	Windsor Nature Park	*Bambusa vulgaris*	Poaceae	Exotic	Casual	Shrub	1	3	38153.58666	27121.87103

Appendix G1

List of Specimens Assessed by Certified Arborists in Eng Neo Avenue Forest

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
1	Eng Neo Avenue Forest	2020-02-11	EN0001	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36417.771	24021.567	0.3	7	1) Good health, 2) No significant defects
2	Eng Neo Avenue Forest	2020-02-11	EN0002	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36418.064	24022.969	0.3	7	1) Good health, 2) No significant defects
3	Eng Neo Avenue Forest	2020-02-11	EN0003	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36412.664	24022.487	0.5	9	1) Good health, 2) No significant defects
4	Eng Neo Avenue Forest	2020-02-11	EN0004	*Prunus polystachya*	Rosaceae	Native	Common	Tree	36425.129	24034.91	1	16	1) Root flare obvious, 2) Assessment limited by climbers (unable to assess canopy), 3) Collected dead leaf specimens
5	Eng Neo Avenue Forest	2020-02-11	EN0005	*Prunus polystachya*	Rosaceae	Native	Common	Tree	36427.367	24033.827	1	13	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
6	Eng Neo Avenue Forest	2020-02-11	EN0006	*Terminalia catappa*	Combretaceae	Native	Common	Tree	36434.781	24035.1	2	6	1) Good health, 2) No significant defects, 3) Root flare obvious, 4) Growing next to EN0007
7	Eng Neo Avenue Forest	2020-02-11	EN0007	*Ficus variegata*	Moraceae	Native	Common	Tree	36431.013	24040.002	2.2	16	1) Good health, 2) No significant defects, 3) Root flare obvious, 4) Asymmetric canopy
8	Eng Neo Avenue Forest	2020-02-11	EN0008	*Syzygium grande*	Myrtaceae	Native	Common	Tree	36427.567	24075.338	2.4	18	1) Good health, 2) No significant defects, 3) Root flare obvious
9	Eng Neo Avenue Forest	2020-02-11	EN0009	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36420.106	24078.189	2.1	13	1) Average health, 2) Root flare obvious, 3) Assessment limited by climbers
10	Eng Neo Avenue Forest	2020-02-11	EN0010	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36412.144	24077.516	1	15	1) Good health, 2) No significant defects
11	Eng Neo Avenue Forest	2020-02-11	EN0011	*Syzygium grande*	Myrtaceae	Native	Common	Tree	36396.47	24069.602	2.8	20	1) Good health, 2) No significant defects, 3) Root flare obvious
12	Eng Neo Avenue Forest	2020-02-11	EN0012	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36405.819	24054.316	3	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
13	Eng Neo Avenue Forest	2020-02-11	EN0013	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36406.133	24041.666	3.1	20	1) Poor health, 2) Decay on exposed dead wood on trunk, possibly due to lightning event
14	Eng Neo Avenue Forest	2020-02-11	EN0014	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36404.742	24044.013	3	18	1) Poor health, 2) Decay on exposed dead wood on trunk, possibly due to lightning event
15	Eng Neo Avenue Forest	2020-02-11	EN0015	*Garcinia eugeniifolia*	Clusiaceae	Native	Vulnerable	Tree	36409.935	24079.027	0.5	8	1) Good health, 2) No significant defects
16	Eng Neo Avenue Forest	2020-02-11	EN0016	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36409.583	24078.336	1.1	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
17	Eng Neo Avenue Forest	2020-02-11	EN0017	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36437.838	24076.017	1.3	16	1) Good health, 2) Assessment limited by climbers
18	Eng Neo Avenue Forest	2020-02-11	EN0018	*Litsea elliptica*	Lauraceae	Native	Common	Tree	36444.093	24075.534	1.1	16	1) Good health, 2) Low bifurcation, 3) Self-corrected lean
19	Eng Neo Avenue Forest	2020-02-11	EN0019	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36446.643	24070.795	1	16	1) Storm vulnerable, 2) Low retention value
20	Eng Neo Avenue Forest	2020-02-11	EN0020	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	36447.367	24083.704	1.6	10	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
21	Eng Neo Avenue Forest	2020-02-12	EN0021	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36471.013	24077.688	1.6	16	1) Storm vulnerable, 2) Low retention value
22	Eng Neo Avenue Forest	2020-02-12	EN0022	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36458.723	24078.287	3.3	18	1) Poor health, 2) Decay at tree base facing Northwest, 3) Exposed dead wood at bifurcation, 4) Dieback at canopy
23	Eng Neo Avenue Forest	2020-02-12	EN0023	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36466.399	24091.089	1.2	16	1) Good health, 2) Asymmetric lean towards North, 3) Assessment limited by climbers
24	Eng Neo Avenue Forest	2020-02-12	EN0024	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36471.779	24101.737	1.1	12	1) Storm vulnerable, 2) Low retention value
25	Eng Neo Avenue Forest	2020-02-12	EN0025	*Ficus variegata*	Moraceae	Native	Common	Tree	36474.54	24102.923	1.4	18	1) Good health, 2) No significant defects, 3) Root flare obvious
26	Eng Neo Avenue Forest	2020-02-12	EN0026	*Ficus variegata*	Moraceae	Native	Common	Tree	36476.15	24111.418	1.5	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
27	Eng Neo Avenue Forest	2020-02-12	EN0027	*Ficus variegata*	Moraceae	Native	Common	Tree	36463.936	24110.401	1.1	14	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
28	Eng Neo Avenue Forest	2020-02-12	EN0028	*Ficus variegata*	Moraceae	Native	Common	Tree	36474.583	24124.696	1.3	14	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
29	Eng Neo Avenue Forest	2020-02-12	EN0029	*Ficus variegata*	Moraceae	Native	Common	Tree	36477.065	24129.168	1.1	13	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
30	Eng Neo Avenue Forest	2020-02-12	EN0030	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36481.189	24130.325	2.2	10	1) Good health, 2) No significant defects
31	Eng Neo Avenue Forest	2020-02-12	EN0031	*Ficus variegata*	Moraceae	Native	Common	Tree	36481.507	24113.732	1.5	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
32	Eng Neo Avenue Forest	2020-02-12	EN0032	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36490.342	24112.307	0.6	11	1) Average health, 2) Assessment limited by climbers
33	Eng Neo Avenue Forest	2020-02-12	EN0033	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36490.829	24111.049	0.5	11	1) Average health, 2) Assessment limited by climbers
34	Eng Neo Avenue Forest	2020-02-12	EN0034	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36490.348	24111.923	0.7	11	1) Average health, 2) Asymmetric canopy, 3) Assessment limited by climbers
35	Eng Neo Avenue Forest	2020-02-12	EN0035	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36489.059	24111.573	0.3	11	1) Good health, 2) Assessment limited by climbers
36	Eng Neo Avenue Forest	2020-02-12	EN0036	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36489.334	24108.146	0.4	9	1) Good health, 2) Asymmetric canopy, 3) Assessment limited by climbers
37	Eng Neo Avenue Forest	2020-02-12	EN0037	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36489.442	24108.943	0.4	10	1) Good health, 2) Assessment limited by climbers
38	Eng Neo Avenue Forest	2020-02-12	EN0038	*Calophyllum tetrapterum*	Calophyllaceae	Native	Vulnerable	Tree	36493.668	24112.413	0.65	11	1) Good health, 2) Asymmetric canopy, 3) Assessment limited by climbers
39	Eng Neo Avenue Forest	2020-02-12	EN0039	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36491.733	24132.45	1.6	20	1) Storm vulnerable, 2) Low retention value
40	Eng Neo Avenue Forest	2020-02-12	EN0040	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36492.693	24130.086	1.3	18	1) Storm vulnerable, 2) Low retention value
41	Eng Neo Avenue Forest	2020-02-12	EN0041	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36494.371	24127.7	2	8	1) Good health, 2) No significant defects
42	Eng Neo Avenue Forest	2020-02-12	EN0042	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36502.594	24129.802	2.5	8	1) Good health, 2) No significant defects
43	Eng Neo Avenue Forest	2020-02-12	EN0043	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36510.662	24134.557	1.3	20	1) Storm vulnerable, 2) Low retention value
44	Eng Neo Avenue Forest	2020-02-12	EN0044	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36520.393	24141.75	1	18	1) Storm vulnerable, 2) Low retention value
45	Eng Neo Avenue Forest	2020-02-12	EN0045	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36514.957	24149.344	1.3-1.4	17	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
46	Eng Neo Avenue Forest	2020-02-12	EN0046	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36507.087	24156.237	2	20	1) Storm vulnerable, 2) Low retention value
47	Eng Neo Avenue Forest	2020-02-12	EN0047	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36516.34	24158.462	1.6	20	1) Storm vulnerable, 2) Low retention value
48	Eng Neo Avenue Forest	2020-02-12	EN0048	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36509.098	24166.626	2	20	1) Storm vulnerable, 2) Low retention value
49	Eng Neo Avenue Forest	2020-02-12	EN0049	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36498.296	24172.592	2.4	20	1) Storm vulnerable, 2) Low retention value
50	Eng Neo Avenue Forest	2020-02-12	EN0050	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36491.182	24181.677	1.5	20	1) Storm vulnerable, 2) Low retention value
51	Eng Neo Avenue Forest	2020-02-12	EN0051	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36488.885	24184.094	1.6	18	1) Storm vulnerable, 2) Low retention value
52	Eng Neo Avenue Forest	2020-02-12	EN0052	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36480.49	24189.944	1.7	18	1) Storm vulnerable, 2) Low retention value
53	Eng Neo Avenue Forest	2020-02-12	EN0053	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36470.921	24193.484	1.1	18	1) Storm vulnerable, 2) Low retention value
54	Eng Neo Avenue Forest	2020-02-12	EN0054	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36469.888	24198.281	1.4	20	1) Storm vulnerable, 2) Low retention value
55	Eng Neo Avenue Forest	2020-02-12	EN0055	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36468.84	24199.241	1.2	18	1) Storm vulnerable, 2) Low retention value
56	Eng Neo Avenue Forest	2020-02-12	EN0056	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36471.8	24199.135	1	18	1) Storm vulnerable, 2) Low retention value
57	Eng Neo Avenue Forest	2020-02-12	EN0057	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36466.066	24200.453	1.3	18	1) Storm vulnerable, 2) Low retention value
58	Eng Neo Avenue Forest	2020-02-12	EN0058	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36478.254	24182.47	1.5	20	1) Storm vulnerable, 2) Low retention value
59	Eng Neo Avenue Forest	2020-02-12	EN0059	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36474.624	24182.391	1.4	20	1) Storm vulnerable, 2) Low retention value
60	Eng Neo Avenue Forest	2020-02-12	EN0060	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36486.277	24171.525	1.8	18	1) Storm vulnerable, 2) Low retention value
61	Eng Neo Avenue Forest	2020-02-12	EN0061	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36493.49	24164.683	1.1	18	1) Storm vulnerable, 2) Low retention value
62	Eng Neo Avenue Forest	2020-02-12	EN0062	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36493.989	24157.869	1.2	18	1) Storm vulnerable, 2) Low retention value
63	Eng Neo Avenue Forest	2020-02-12	EN0063	*Ficus variegata*	Moraceae	Native	Common	Tree	36493.171	24143.973	2.7	16	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Low bifurcation
64	Eng Neo Avenue Forest	2020-02-12	EN0064	*Ficus variegata*	Moraceae	Native	Common	Tree	36490.393	24146.034	1.2	12	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
65	Eng Neo Avenue Forest	2020-02-12	EN0065	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	36484.919	24156.481	1	12	1) Good health, 2) Multiple attachments
66	Eng Neo Avenue Forest	2020-02-12	EN0066	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36478.064	24156.964	2.4	20	1) Storm vulnerable, 2) Low retention value
67	Eng Neo Avenue Forest	2020-02-12	EN0067	*Ficus variegata*	Moraceae	Native	Common	Tree	36476.203	24159.226	1.3	16	1) Good health, 2) No significant defects, 3) Root flare obvious
68	Eng Neo Avenue Forest	2020-02-12	EN0068	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	36461.948	24171.55	1	5	1) Average health, 2) Extensive decay at tree base, 3) Decay on branch
69	Eng Neo Avenue Forest	2020-02-12	EN0069	*Ficus variegata*	Moraceae	Native	Common	Tree	36457.06	24171.749	1.1	16	1) Good health, 2) No significant defects, 3) Root flare obvious
70	Eng Neo Avenue Forest	2020-02-13	EN0070	*Ficus variegata*	Moraceae	Native	Common	Tree	36433.705	24128.664	1.5	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
71	Eng Neo Avenue Forest	2020-02-13	EN0071	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36432.016	24130.065	1.25	15	1) Storm vulnerable, 2) Low retention value
72	Eng Neo Avenue Forest	2020-02-13	EN0072	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36439.414	24133.478	1	15	1) Storm vulnerable, 2) Low retention value
73	Eng Neo Avenue Forest	2020-02-13	EN0073	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36445.1	24134.343	1.1	15	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
74	Eng Neo Avenue Forest	2020-02-13	EN0074	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36450.135	24137.815	1	15	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
75	Eng Neo Avenue Forest	2020-02-13	EN0075	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36460.464	24138.882	1.4	15	1) Storm vulnerable, 2) Low retention value
76	Eng Neo Avenue Forest	2020-02-13	EN0076	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36464.974	24138.952	1.9	20	1) Storm vulnerable, 2) Low retention value
77	Eng Neo Avenue Forest	2020-02-13	EN0077	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36478.768	24155.364	2.4	18	1) Storm vulnerable, 2) Low retention value
78	Eng Neo Avenue Forest	2020-02-13	EN0078	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36457.209	24151.432	1	12	1) Storm vulnerable, 2) Low retention value
79	Eng Neo Avenue Forest	2020-02-13	EN0079	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36457.812	24153.817	1.5	18	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
80	Eng Neo Avenue Forest	2020-02-13	EN0080	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36438.461	24156.189	1.8	18	1) Storm vulnerable, 2) Low retention value
81	Eng Neo Avenue Forest	2020-02-13	EN0081	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36441.776	24157.263	1.8	20	1) Storm vulnerable, 2) Low retention value
82	Eng Neo Avenue Forest	2020-02-13	EN0082	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36439.21	24157.012	1.2	20	1) Storm vulnerable, 2) Low retention value
83	Eng Neo Avenue Forest	2020-02-13	EN0083	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36433.354	24169.361	1.1	18	1) Storm vulnerable, 2) Low retention value
84	Eng Neo Avenue Forest	2020-02-13	EN0084	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36433.651	24168.755	1.4	18	1) Storm vulnerable, 2) Low retention value
85	Eng Neo Avenue Forest	2020-02-13	EN0085	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36418.722	24172.055	1.25	18	1) Storm vulnerable, 2) Low retention value
86	Eng Neo Avenue Forest	2020-02-13	EN0086	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36420.446	24171.872	1.2	18	1) Storm vulnerable, 2) Low retention value
87	Eng Neo Avenue Forest	2020-02-13	EN0087	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36424.01	24169.815	1.25	18	1) Storm vulnerable, 2) Low retention value
88	Eng Neo Avenue Forest	2020-02-13	EN0088	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36410.192	24150.021	1.6	18	1) Storm vulnerable, 2) Low retention value
89	Eng Neo Avenue Forest	2020-02-13	EN0089	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36409.686	24149.447	1	18	1) Storm vulnerable, 2) Low retention value
90	Eng Neo Avenue Forest	2020-02-13	EN0090	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36407.82	24133.074	2.2	18	1) Storm vulnerable, 2) Low retention value
91	Eng Neo Avenue Forest	2020-02-13	EN0091	*Ficus variegata*	Moraceae	Native	Common	Tree	36422.925	24112.582	1.4	15	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
92	Eng Neo Avenue Forest	2020-02-13	EN0092	*Ficus variegata*	Moraceae	Native	Common	Tree	36436.83	24112.274	1.6	17	1) Good health, 2) No significant defects, 3) Root flare obvious
93	Eng Neo Avenue Forest	2020-02-13	EN0093	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36407.382	24121.513	1.3	18	1) Storm vulnerable, 2) Low retention value
94	Eng Neo Avenue Forest	2020-02-13	EN0094	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36412.703	24119.537	2	18	1) Storm vulnerable, 2) Low retention value
95	Eng Neo Avenue Forest	2020-02-13	EN0095	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36409.417	24120.309	1.4	14	1) Storm vulnerable, 2) Low retention value
96	Eng Neo Avenue Forest	2020-02-13	EN0096	*Ficus variegata*	Moraceae	Native	Common	Tree	36407.306	24114.202	1.3	16	1) Average health, 2) Root flare obvious, 3) Minor canopy dieback
97	Eng Neo Avenue Forest	2020-02-13	EN0097	*Ficus variegata*	Moraceae	Native	Common	Tree	36410.665	24114.7	1.05	12	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
98	Eng Neo Avenue Forest	2020-02-13	EN0098	*Ficus variegata*	Moraceae	Native	Common	Tree	36413.688	24106.81	1.3	16	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
99	Eng Neo Avenue Forest	2020-02-13	EN0099	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36417.068	24083.149	1	16	1) Good health, 2) Crooked trunk, 3) Low retention value
100	Eng Neo Avenue Forest	2020-02-13	EN0100	*Ficus variegata*	Moraceae	Native	Common	Tree	36401.018	24092.076	1	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
101	Eng Neo Avenue Forest	2020-02-13	EN0101	*Ficus variegata*	Moraceae	Native	Common	Tree	36394.359	24099.699	1.2	15	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Assessment limited by climbers
102	Eng Neo Avenue Forest	2020-02-13	EN0102	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36390.959	24103.348	1.05	8	1) Storm vulnerable, 2) Low retention value
103	Eng Neo Avenue Forest	2020-02-13	EN0103	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36388.461	24090.456	2.2	20	1) Storm vulnerable, 2) Low retention value
104	Eng Neo Avenue Forest	2020-02-13	EN0104	*Ficus variegata*	Moraceae	Native	Common	Tree	36398.477	24059.249	1.05	15	1) Good health, 2) No significant defects, 3) Root flare obvious
105	Eng Neo Avenue Forest	2020-02-13	EN0105	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36388.241	24062.122	3	20	1) Storm vulnerable, 2) Low retention value
106	Eng Neo Avenue Forest	2020-02-13	EN0106	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36384.178	24066.795	3	20	1) Storm vulnerable, 2) Low retention value
107	Eng Neo Avenue Forest	2020-02-13	EN0107	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36380.128	24069.076	3.5	20	1) Storm vulnerable, 2) Low retention value
108	Eng Neo Avenue Forest	2020-02-13	EN0108	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36363.45	24057.886	2.5	20	1) Storm vulnerable, 2) Low retention value
109	Eng Neo Avenue Forest	2020-02-13	EN0109	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	36366.173	24051.856	1.4	12	1) Average health, 2) Decay on trunk caused by previous branch failure
110	Eng Neo Avenue Forest	2020-02-13	EN0110	*Ficus variegata*	Moraceae	Native	Common	Tree	36353.048	24042.366	1.7	18	1) Good health, 2) No significant defects, 3) Root flare obvious
111	Eng Neo Avenue Forest	2020-02-13	EN0111	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36373.927	24024.347	1.1	15	1) Good health, 2) Assessment limited by climbers
112	Eng Neo Avenue Forest	2020-02-13	EN0112	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	36374.204	24023.997	1.2	15	1) Good health, 2) No significant defects, 3) Root flare obvious
113	Eng Neo Avenue Forest	2020-02-13	EN0113	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36322.853	24039.75	1.1	12	1) Good health, 2) U-shaped bifurcation, 3) Assessment limited by climbers
114	Eng Neo Avenue Forest	2020-02-17	EN0114	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36458.27809	24216.33258	1	16	1) Storm vulnerable, 2) Low retention value
115	Eng Neo Avenue Forest	2020-02-17	EN0115	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36456.067	24210.471	1-1.1	16	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
116	Eng Neo Avenue Forest	2020-02-17	EN0116	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36447.846	24215.251	1.45	16	1) Storm vulnerable, 2) Low retention value
117	Eng Neo Avenue Forest	2020-02-17	EN0117	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36450.356	24221.79	1.1	16	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
118	Eng Neo Avenue Forest	2020-02-17	EN0118	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36441.489	24223.037	1.1	16	1) Storm vulnerable, 2) Low retention value
119	Eng Neo Avenue Forest	2020-02-17	EN0119	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36444.848	24223.046	1.1	16	1) Storm vulnerable, 2) Low retention value
120	Eng Neo Avenue Forest	2020-02-17	EN0120	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36440.436	24212.189	1.1-1.4	18	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
121	Eng Neo Avenue Forest	2020-02-17	EN0121	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36442.801	24205.048	1.6	18	1) Storm vulnerable, 2) Low retention value
122	Eng Neo Avenue Forest	2020-02-17	EN0122	*Ficus variegata*	Moraceae	Native	Common	Tree	36454.385	24188.563	1.1	15	1) Good health, 2) Root flare obvious, 3) Growing on slope, 4) Assessment limited by climbers
123	Eng Neo Avenue Forest	2020-02-17	EN0123	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36447.041	24185.212	1.05	12	1) Storm vulnerable, 2) Low retention value
124	Eng Neo Avenue Forest	2020-02-17	EN0124	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36445.258	24183.647	1.3	16	1) Storm vulnerable, 2) Low retention value
125	Eng Neo Avenue Forest	2020-02-17	EN0125	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36446.164	24182.317	2	18	1) Storm vulnerable, 2) Low retention value
126	Eng Neo Avenue Forest	2020-02-17	EN0126	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36430.574	24195.969	1.5	18	1) Storm vulnerable, 2) Low retention value
127	Eng Neo Avenue Forest	2020-02-17	EN0127	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36435.787	24195.38	1.2	16	1) Storm vulnerable, 2) Low retention value
128	Eng Neo Avenue Forest	2020-02-17	EN0128	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36434.613	24205.467	1.8	18	1) Storm vulnerable, 2) Low retention value
129	Eng Neo Avenue Forest	2020-02-17	EN0129	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36434.328	24203.117	1.2	18	1) Storm vulnerable, 2) Low retention value
130	Eng Neo Avenue Forest	2020-02-17	EN0130	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36430.592	24209.205	1.2	18	1) Storm vulnerable, 2) Low retention value
131	Eng Neo Avenue Forest	2020-02-17	EN0131	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36429.039	24208.619	1	16	1) Storm vulnerable, 2) Low retention value
132	Eng Neo Avenue Forest	2020-02-17	EN0132	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36415.785	24178.492	1.4	16	1) Storm vulnerable, 2) Low retention value
133	Eng Neo Avenue Forest	2020-02-17	EN0133	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36411.288	24176.906	1.6	18	1) Storm vulnerable, 2) Low retention value
134	Eng Neo Avenue Forest	2020-02-17	EN0134	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36403.076	24172.579	1.15	14	1) Storm vulnerable, 2) Low retention value
135	Eng Neo Avenue Forest	2020-02-17	EN0135	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36405.024	24174.618	1.6	16	1) Storm vulnerable, 2) Low retention value
136	Eng Neo Avenue Forest	2020-02-17	EN0136	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36402.115	24167.068	1.1	16	1) Storm vulnerable, 2) Low retention value
137	Eng Neo Avenue Forest	2020-02-17	EN0137	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36401.758	24162.61	1.4	18	1) Storm vulnerable, 2) Low retention value
138	Eng Neo Avenue Forest	2020-02-17	EN0138	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36396.884	24148.931	2	16	1) Storm vulnerable, 2) Low retention value
139	Eng Neo Avenue Forest	2020-02-17	EN0139	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36393.397	24142.164	1.4	18	1) Storm vulnerable, 2) Low retention value
140	Eng Neo Avenue Forest	2020-02-17	EN0140	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36386.409	24129.671	1.45	16	1) Storm vulnerable, 2) Low retention value
141	Eng Neo Avenue Forest	2020-02-17	EN0141	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36379.199	24125.621	1.25	18	1) Storm vulnerable, 2) Low retention value
142	Eng Neo Avenue Forest	2020-02-17	EN0142	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36377.277	24124.906	1.45	18	1) Storm vulnerable, 2) Low retention value
143	Eng Neo Avenue Forest	2020-02-17	EN0143	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36380.309	24126.35	1	16	1) Storm vulnerable, 2) Low retention value
144	Eng Neo Avenue Forest	2020-02-17	EN0144	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36376.867	24129.729	1.45	18	1) Storm vulnerable, 2) Low retention value
145	Eng Neo Avenue Forest	2020-02-17	EN0145	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36383.5	24133.58	1.3	16	1) Storm vulnerable, 2) Low retention value
146	Eng Neo Avenue Forest	2020-02-17	EN0146	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36387.169	24133.73	1.55	18	1) Storm vulnerable, 2) Low retention value
147	Eng Neo Avenue Forest	2020-02-17	EN0147	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36362.559	24127.655	1.5	18	1) Storm vulnerable, 2) Low retention value
148	Eng Neo Avenue Forest	2020-02-17	EN0148	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36363.557	24130.359	1.1	15	1) Storm vulnerable, 2) Low retention value
149	Eng Neo Avenue Forest	2020-02-17	EN0149	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36359.318	24133.419	1.5	16	1) Storm vulnerable, 2) Low retention value
150	Eng Neo Avenue Forest	2020-02-17	EN0150	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36360.697	24139.589	1.2	18	1) Storm vulnerable, 2) Low retention value
151	Eng Neo Avenue Forest	2020-02-17	EN0151	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36352.86	24131.466	1.1-1.5	18	1) Storm vulnerable, 2) Low retention value, 3) Cluster of three
152	Eng Neo Avenue Forest	2020-02-17	EN0152	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36360.614	24122.261	1.6	18	1) Storm vulnerable, 2) Low retention value
153	Eng Neo Avenue Forest	2020-02-17	EN0153	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36366.082	24119.604	1.2	10	1) Storm vulnerable, 2) Low retention value
154	Eng Neo Avenue Forest	2020-02-17	EN0154	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36372.011	24115.833	1.2	18	1) Storm vulnerable, 2) Low retention value
155	Eng Neo Avenue Forest	2020-02-17	EN0155	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36373.028	24115.768	1.6	20	1) Storm vulnerable, 2) Low retention value
156	Eng Neo Avenue Forest	2020-02-17	EN0156	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36361.846	24111.534	1.8	16	1) Storm vulnerable, 2) Low retention value
157	Eng Neo Avenue Forest	2020-02-17	EN0157	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36355.945	24110.908	2	20	1) Storm vulnerable, 2) Low retention value
158	Eng Neo Avenue Forest	2020-02-17	EN0158	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36349.965	24093.663	2.1	20	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
159	Eng Neo Avenue Forest	2020-02-17	EN0159	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36356.915	24095.147	1.6	20	1) Storm vulnerable, 2) Low retention value
160	Eng Neo Avenue Forest	2020-02-17	EN0160	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36360.301	24096.288	2.7	20	1) Storm vulnerable, 2) Low retention value
161	Eng Neo Avenue Forest	2020-02-17	EN0161	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36364.604	24090.327	2	16	1) Storm vulnerable, 2) Low retention value
162	Eng Neo Avenue Forest	2020-02-17	EN0162	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36375.289	24084.865	2.1	18	1) Storm vulnerable, 2) Low retention value
163	Eng Neo Avenue Forest	2020-02-17	EN0163	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36375.638	24087.079	2.6	16	1) Storm vulnerable, 2) Low retention value
164	Eng Neo Avenue Forest	2020-02-17	EN0164	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36335.007	24060.647	2.2	18	1) Storm vulnerable, 2) Low retention value
165	Eng Neo Avenue Forest	2020-02-17	EN0165	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36340.515	24072.032	1.4	12	1) Storm vulnerable, 2) Low retention value
166	Eng Neo Avenue Forest	2020-02-17	EN0166	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36350.487	24069.441	2.4	16	1) Storm vulnerable, 2) Low retention value
167	Eng Neo Avenue Forest	2020-02-17	EN0167	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36352.951	24069.426	2.3	16	1) Storm vulnerable, 2) Low retention value
168	Eng Neo Avenue Forest	2020-02-17	EN0168	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36357.647	24069.49	2	18	1) Storm vulnerable, 2) Low retention value
169	Eng Neo Avenue Forest	2020-02-17	EN0169	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36342.672	24078.782	2.6	16	1) Storm vulnerable, 2) Low retention value
170	Eng Neo Avenue Forest	2020-02-17	EN0170	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36345.774	24080.542	1.5	10	1) Storm vulnerable, 2) Low retention value
171	Eng Neo Avenue Forest	2020-02-17	EN0171	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36346.802	24085.608	1.5	12	1) Storm vulnerable, 2) Low retention value
172	Eng Neo Avenue Forest	2020-02-17	EN0172	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36352.467	24077.333	1.2	16	1) Storm vulnerable, 2) Low retention value
173	Eng Neo Avenue Forest	2020-02-17	EN0173	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36351.779	24079.458	1.3	16	1) Storm vulnerable, 2) Low retention value
174	Eng Neo Avenue Forest	2020-02-17	EN0174	*Ficus variegata*	Moraceae	Native	Common	Tree	36319.231	24059.676	1.15	12	1) Good health, 2) No significant defects, 3) Root flare obvious
175	Eng Neo Avenue Forest	2020-02-17	EN0175	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36318.769	24054.662	2.4, 4.8	20	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
176	Eng Neo Avenue Forest	2020-02-19	EN0176	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36288.676	24068.062	1.5	25	1) Storm vulnerable, 2) Low retention value
177	Eng Neo Avenue Forest	2020-02-19	EN0177	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36290.512	24070.037	1.5, 2.5	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
178	Eng Neo Avenue Forest	2020-02-19	EN0178	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36282.431	24064.543	2.1	25	1) Storm vulnerable, 2) Low retention value
179	Eng Neo Avenue Forest	2020-02-19	EN0179	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36277.152	24069.557	3.5	25	1) Storm vulnerable, 2) Low retention value
180	Eng Neo Avenue Forest	2020-02-19	EN0180	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36273.093	24069.212	1.3	20	1) Storm vulnerable, 2) Low retention value
181	Eng Neo Avenue Forest	2020-02-19	EN0181	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36274.24	24068.196	2	22	1) Storm vulnerable, 2) Low retention value
182	Eng Neo Avenue Forest	2020-02-19	EN0182	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36264.368	24076.81	1.1	20	1) Storm vulnerable, 2) Low retention value
183	Eng Neo Avenue Forest	2020-02-19	EN0183	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36263.084	24076.926	3.2	25	1) Storm vulnerable, 2) Low retention value, 3) Major decay on one trunk, 4) To remove
184	Eng Neo Avenue Forest	2020-02-19	EN0184	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36260.276	24075.179	2.1	25	1) Storm vulnerable, 2) Low retention value
185	Eng Neo Avenue Forest	2020-02-19	EN0185	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36261.036	24075.118	1.4	20	1) Storm vulnerable, 2) Low retention value
186	Eng Neo Avenue Forest	2020-02-19	EN0186	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36261.433	24075.136	1.7	25	1) Storm vulnerable, 2) Low retention value
187	Eng Neo Avenue Forest	2020-02-19	EN0187	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	36238.885	24088.331	5	25	1) Good health, 2) No significant defects, 3) Growing on top of gentle slope
188	Eng Neo Avenue Forest	2020-02-19	EN0188	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36277.634	24106.233	1.6	22	1) Storm vulnerable, 2) Low retention value, 3) Rot on main traunk, 4) To remove
189	Eng Neo Avenue Forest	2020-02-19	EN0189	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36285.207	24101.967	1.4	18	1) Average health, 3) Leaning Northeast, 3) Asymmetric canopy, 4) Major decay on main trunk at height 10 m, 5) Dieback at canopy
190	Eng Neo Avenue Forest	2020-02-19	EN0190	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36285.938	24112.55	1.2	14	1) Good health, 2) Some branches dead, 3) Previous soil top up at tree base, 4) Presence of termite tracks, 5) Fused with liana at bifurcation
191	Eng Neo Avenue Forest	2020-02-19	EN0191	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36286.077	24114.681	1.7	20	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
192	Eng Neo Avenue Forest	2020-02-19	EN0192	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36287.313	24121.494	2.4	25	1) Storm vulnerable, 2) Low retention value
193	Eng Neo Avenue Forest	2020-02-19	EN0193	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36294.5	24116.075	2	25	1) Storm vulnerable, 2) Low retention value
194	Eng Neo Avenue Forest	2020-02-19	EN0194	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36315.394	24127.444	1.3	20	1) Storm vulnerable, 2) Low retention value
195	Eng Neo Avenue Forest	2020-02-19	EN0195	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36314.47	24135.125	1.6	20	1) Storm vulnerable, 2) Low retention value
196	Eng Neo Avenue Forest	2020-02-19	EN0196	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36307.638	24142.101	1.2	15	1) Storm vulnerable, 2) Low retention value
197	Eng Neo Avenue Forest	2020-02-19	EN0197	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36301.578	24164.939	1.6	25	1) To remove, major decay, 2) Storm vulnerable, 3) Low retention value
198	Eng Neo Avenue Forest	2020-02-19	EN0198	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36307.203	24160.104	1.2	20	1) To remove, major decay, 2) Storm vulnerable, 3) Low retention value
199	Eng Neo Avenue Forest	2020-02-19	EN0199	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36310.982	24145.399	1.8	12	1) Good health, 2) No significant defects
200	Eng Neo Avenue Forest	2020-02-19	EN0200	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36294.401	24107.732	2	12	1) Good health, 2) No significant defects
201	Eng Neo Avenue Forest	2020-02-19	EN0201	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36296.532	24101.865	1.9	25	1) Storm vulnerable, 2) Low retention value
202	Eng Neo Avenue Forest	2020-02-19	EN0202	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36277.88	24096.907	2	14	1) Good health, 2) No significant defects
203	Eng Neo Avenue Forest	2020-02-19	EN0203	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36305.095	24099.415	1.3	25	1) Storm vulnerable, 2) Low retention value
204	Eng Neo Avenue Forest	2020-02-19	EN0204	*Ficus variegata*	Moraceae	Native	Common	Tree	36307.049	24096.891	1.9	20	1) Good health, 2) Root flare obvious, 3) No significant defects
205	Eng Neo Avenue Forest	2020-02-19	EN0205	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36300.708	24087.37	2.2	25	1) Storm vulnerable, 2) Low retention value
206	Eng Neo Avenue Forest	2020-02-19	EN0206	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36307.74	24087.807	1.6	25	1) Storm vulnerable, 2) Low retention value
207	Eng Neo Avenue Forest	2020-02-19	EN0207	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36308.776	24087.655	2.1	25	1) Storm vulnerable, 2) Low retention value
208	Eng Neo Avenue Forest	2020-02-19	EN0208	*Ficus variegata*	Moraceae	Native	Common	Tree	36313.046	24096.796	1.1	14	1) Poor health, 2) Root flare obvious, 3) Decay at tree base and trunk, 4) Dieback at canopy
209	Eng Neo Avenue Forest	2020-02-19	EN0209	*Ficus variegata*	Moraceae	Native	Common	Tree	36317.603	24085.226	1.5	15	1) Good health, 2) Root flare obvious, 3) Assessment limitd by undergrowth and climbers
210	Eng Neo Avenue Forest	2020-02-19	EN0210	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36319.438	24097.412	2.5	25	1) Storm vulnerable, 2) Low retention value
211	Eng Neo Avenue Forest	2020-02-19	EN0211	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36319.056	24099.94	1	14	1) Storm vulnerable, 2) Low retention value
212	Eng Neo Avenue Forest	2020-02-19	EN0212	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36325.653	24104.635	1.4	15	1) Storm vulnerable, 2) Low retention value, 3) Maor decay on trunk, 4) To remove
213	Eng Neo Avenue Forest	2020-02-19	EN0213	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36323.525	24108.938	1.8	25	1) Storm vulnerable, 2) Low retention value, 3) Possible decay on trunk, 4) To remove
214	Eng Neo Avenue Forest	2020-02-19	EN0214	*Terminalia catappa*	Combretaceae	Native	Common	Tree	36328.1	24071.701	1.5	20	1) Good health, 2) Root flare obvious, 3) No significant defects
215	Eng Neo Avenue Forest	2020-02-19	EN0215	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36337.427	24099.35	1.4	25	1) Storm vulnerable, 2) Low retention value
216	Eng Neo Avenue Forest	2020-02-19	EN0216	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36334.784	24106.342	1.6	25	1) Storm vulnerable, 2) Low retention value
217	Eng Neo Avenue Forest	2020-02-19	EN0217	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36332.034	24114.548	2	25	1) Storm vulnerable, 2) Low retention value
218	Eng Neo Avenue Forest	2020-02-19	EN0218	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36341.055	24117.972	2.2	25	1) Storm vulnerable, 2) Low retention value
219	Eng Neo Avenue Forest	2020-02-19	EN0219	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36329.942	24125.671	2.5	25	1) Storm vulnerable, 2) Low retention value
220	Eng Neo Avenue Forest	2020-02-19	EN0220	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36324.91	24121.095	1.1	20	1) Storm vulnerable, 2) Low retention value
221	Eng Neo Avenue Forest	2020-02-19	EN0221	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36326.133	24123.931	2.2	25	1) Storm vulnerable, 2) Low retention value
222	Eng Neo Avenue Forest	2020-02-19	EN0222	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36319.739	24134.082	1.1	20	1) Storm vulnerable, 2) Low retention value
223	Eng Neo Avenue Forest	2020-02-19	EN0223	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36340.739	24135.811	1.2	25	1) Storm vulnerable, 2) Low retention value
224	Eng Neo Avenue Forest	2020-02-19	EN0224	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36326.68	24138.562	2.4	25	1) Storm vulnerable, 2) Low retention value
225	Eng Neo Avenue Forest	2020-02-19	EN0225	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36344.849	24139.564	1.2	20	1) Storm vulnerable, 2) Low retention value
226	Eng Neo Avenue Forest	2020-02-19	EN0226	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36344.509	24140.783	1.9	25	1) Storm vulnerable, 2) Low retention value
227	Eng Neo Avenue Forest	2020-02-19	EN0227	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36342.734	24146.684	1	20	1) Storm vulnerable, 2) Low retention value
228	Eng Neo Avenue Forest	2020-02-19	EN0228	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36349.737	24145.03	1.8	25	1) Storm vulnerable, 2) Low retention value
229	Eng Neo Avenue Forest	2020-02-19	EN0229	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36363.573	24145.644	1.3	25	1) Storm vulnerable, 2) Low retention value
230	Eng Neo Avenue Forest	2020-02-19	EN0230	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36368.336	24142.505	1.1	20	1) Storm vulnerable, 2) Low retention value
231	Eng Neo Avenue Forest	2020-02-19	EN0231	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36376.89	24152.633	1	20	1) Storm vulnerable, 2) Low retention value
232	Eng Neo Avenue Forest	2020-02-19	EN0232	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36384.427	24152.904	1.2	20	1) Storm vulnerable, 2) Low retention value
233	Eng Neo Avenue Forest	2020-02-19	EN0233	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36380.508	24162.018	1.3	25	1) Storm vulnerable, 2) Low retention value
234	Eng Neo Avenue Forest	2020-02-19	EN0234	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36385.211	24169.389	1.4	25	1) Storm vulnerable, 2) Low retention value
235	Eng Neo Avenue Forest	2020-02-19	EN0235	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36386.56	24169.061	1.3	20	1) Storm vulnerable, 2) Low retention value
236	Eng Neo Avenue Forest	2020-02-19	EN0236	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36379.935	24187.27	1.5	25	1) Storm vulnerable, 2) Low retention value
237	Eng Neo Avenue Forest	2020-02-19	EN0237	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36376.454	24190.095	1.2	20	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
238	Eng Neo Avenue Forest	2020-02-19	EN0238	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36367.496	24188.779	2.5	25	1) Storm vulnerable, 2) Low retention value
239	Eng Neo Avenue Forest	2020-02-19	EN0239	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36376.358	24183.704	1.2	20	1) Storm vulnerable, 2) Low retention value
240	Eng Neo Avenue Forest	2020-02-19	EN0240	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36371.101	24177.691	1.3	20	1) Storm vulnerable, 2) Low retention value
241	Eng Neo Avenue Forest	2020-02-19	EN0241	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36371.224	24171.413	1	20	1) Storm vulnerable, 2) Low retention value
242	Eng Neo Avenue Forest	2020-02-19	EN0242	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36372.784	24172.417	1.6	25	1) Storm vulnerable, 2) Low retention value
243	Eng Neo Avenue Forest	2020-02-19	EN0243	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36370.714	24169.71	1.3	20	1) Storm vulnerable, 2) Low retention value
244	Eng Neo Avenue Forest	2020-02-19	EN0244	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36362.703	24166.834	1	20	1) Storm vulnerable, 2) Low retention value
245	Eng Neo Avenue Forest	2020-02-19	EN0245	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36362.399	24169.721	1.5	20	1) Storm vulnerable, 2) Low retention value
246	Eng Neo Avenue Forest	2020-02-19	EN0246	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36361.421	24160.525	1.4	20	1) Storm vulnerable, 2) Low retention value
247	Eng Neo Avenue Forest	2020-02-19	EN0247	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36352.106	24155.7	1.3	20	1) Storm vulnerable, 2) Low retention value
248	Eng Neo Avenue Forest	2020-02-19	EN0248	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36337.541	24156.249	1.3	20	1) Storm vulnerable, 2) Low retention value
249	Eng Neo Avenue Forest	2020-02-19	EN0249	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36349.803	24166.078	1.7	20	1) Storm vulnerable, 2) Low retention value
250	Eng Neo Avenue Forest	2020-02-19	EN0250	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36348.057	24165.453	1.2	20	1) Storm vulnerable, 2) Low retention value
251	Eng Neo Avenue Forest	2020-02-19	EN0251	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36349.641	24176.729	1.4	20	1) Storm vulnerable, 2) Low retention value
252	Eng Neo Avenue Forest	2020-02-20	EN0252	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36353.23002	24186.28307	1.1	20	1) Storm vulnerable, 2) Low retention value
253	Eng Neo Avenue Forest	2020-02-20	EN0253	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36351.9046	24191.17977	1.4	20	1) Storm vulnerable, 2) Low retention value
254	Eng Neo Avenue Forest	2020-02-20	EN0254	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36398.90404	24190.40141	1.6	20	1) Storm vulnerable, 2) Low retention value
255	Eng Neo Avenue Forest	2020-02-20	EN0255	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36393.48201	24197.30125	1.2	20	1) Storm vulnerable, 2) Low retention value
256	Eng Neo Avenue Forest	2020-02-20	EN0256	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36415.15085	24226.68186	1.5	15	1) Storm vulnerable, 2) Low retention value
257	Eng Neo Avenue Forest	2020-02-20	EN0257	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36417.47705	24232.58021	1.4	15	1) Storm vulnerable, 2) Low retention value
258	Eng Neo Avenue Forest	2020-02-20	EN0258	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36410.07137	24258.9556	2.2	15	1) Storm vulnerable, 2) Low retention value
259	Eng Neo Avenue Forest	2020-02-20	EN0259	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36416.80934	24260.40245	1.5	15	1) Storm vulnerable, 2) Low retention value
260	Eng Neo Avenue Forest	2020-02-20	EN0260	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36406.3083	24266.07805	1.4	15	1) Storm vulnerable, 2) Low retention value
261	Eng Neo Avenue Forest	2020-02-20	EN0261	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36394.36129	24277.76323	1.3	18	1) Storm vulnerable, 2) Low retention value
262	Eng Neo Avenue Forest	2020-02-20	EN0262	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36390.6077	24278.5422	1	18	1) Storm vulnerable, 2) Low retention value
263	Eng Neo Avenue Forest	2020-02-20	EN0263	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36389.60665	24279.76637	2	18	1) Storm vulnerable, 2) Low retention value
264	Eng Neo Avenue Forest	2020-02-20	EN0264	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36383.97148	24284.10656	1.7	18	1) Storm vulnerable, 2) Low retention value
265	Eng Neo Avenue Forest	2020-02-20	EN0265	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36379.21677	24291.34029	2.5	18	1) Storm vulnerable, 2) Low retention value
266	Eng Neo Avenue Forest	2020-02-20	EN0266	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36371.47759	24302.58037	1.7	18	1) Storm vulnerable, 2) Low retention value
267	Eng Neo Avenue Forest	2020-02-20	EN0267	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36382.97991	24279.20983	2.2	18	1) Storm vulnerable, 2) Low retention value
268	Eng Neo Avenue Forest	2020-02-20	EN0268	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36393.92586	24269.08268	1.4	18	1) Storm vulnerable, 2) Low retention value
269	Eng Neo Avenue Forest	2020-02-20	EN0269	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36402.2118	24259.84581	1.1	18	1) Storm vulnerable, 2) Low retention value
270	Eng Neo Avenue Forest	2020-02-20	EN0270	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36394.36153	24260.29085	1.2	18	1) Storm vulnerable, 2) Low retention value
271	Eng Neo Avenue Forest	2020-02-20	EN0271	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36415.59557	24235.69627	1	15	1) Storm vulnerable, 2) Low retention value
272	Eng Neo Avenue Forest	2020-02-20	EN0272	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36393.59266	24239.36851	1.1	15	1) Storm vulnerable, 2) Low retention value
273	Eng Neo Avenue Forest	2020-02-20	EN0273	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36399.33882	24245.37819	1.4	18	1) Storm vulnerable, 2) Low retention value
274	Eng Neo Avenue Forest	2020-02-20	EN0274	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36399.1165	24242.59597	1.1	18	1) Storm vulnerable, 2) Low retention value
275	Eng Neo Avenue Forest	2020-02-20	EN0275	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36399.78378	24245.3782	1.15	18	1) Storm vulnerable, 2) Low retention value
276	Eng Neo Avenue Forest	2020-02-20	EN0276	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36402.43433	24256.06198	1	18	1) Storm vulnerable, 2) Low retention value
277	Eng Neo Avenue Forest	2020-02-20	EN0277	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36377.4469	24267.19054	1.2	18	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
278	Eng Neo Avenue Forest	2020-02-20	EN0278	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36365.28686	24268.08069	1	18	1) Storm vulnerable, 2) Low retention value
279	Eng Neo Avenue Forest	2020-02-20	EN0279	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36365.61131	24266.18878	1.4	18	1) Storm vulnerable, 2) Low retention value
280	Eng Neo Avenue Forest	2020-02-20	EN0280	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36365.83379	24266.07749	1.6	18	1) Storm vulnerable, 2) Low retention value
281	Eng Neo Avenue Forest	2020-02-20	EN0281	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36353.56257	24262.07092	1.6	20	1) Storm vulnerable, 2) Low retention value
282	Eng Neo Avenue Forest	2020-02-20	EN0282	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36365.94512	24251.38734	1.4	18	1) Storm vulnerable, 2) Low retention value
283	Eng Neo Avenue Forest	2020-02-20	EN0283	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36362.96073	24257.73077	1	18	1) Storm vulnerable, 2) Low retention value
284	Eng Neo Avenue Forest	2020-02-20	EN0284	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36368.27164	24241.26007	1.1	20	1) Storm vulnerable, 2) Low retention value
285	Eng Neo Avenue Forest	2020-02-20	EN0285	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36377.33596	24245.71176	1.15	20	1) Storm vulnerable, 2) Low retention value
286	Eng Neo Avenue Forest	2020-02-20	EN0286	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36378.88391	24236.80866	1	20	1) Storm vulnerable, 2) Low retention value
287	Eng Neo Avenue Forest	2020-02-20	EN0287	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36377.55849	24241.81664	1.3	20	1) Storm vulnerable, 2) Low retention value
288	Eng Neo Avenue Forest	2020-02-20	EN0288	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	36385.85372	24233.47008	1	10	1) Average health, 2) Low bifurcation, 3) Assessment limited by climbers
289	Eng Neo Avenue Forest	2020-02-20	EN0289	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36398.68108	24224.78972	1	20	1) Storm vulnerable, 2) Low retention value
290	Eng Neo Avenue Forest	2020-02-20	EN0290	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36399.56156	24227.01551	1	20	1) Storm vulnerable, 2) Low retention value
291	Eng Neo Avenue Forest	2020-02-20	EN0291	*Ficus variegata*	Moraceae	Native	Common	Tree	36394.25103	24214.88493	1.1	20	1) Good health, 2) Root flare obvious, 3) No significant defects
292	Eng Neo Avenue Forest	2020-02-20	EN0292	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36364.95372	24234.3601	2	20	1) Storm vulnerable, 2) Low retention value
293	Eng Neo Avenue Forest	2020-02-20	EN0293	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36343.06193	24238.81136	2.4	20	1) Storm vulnerable, 2) Low retention value
294	Eng Neo Avenue Forest	2020-02-20	EN0294	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36357.76139	24241.4825	1.1	20	1) Storm vulnerable, 2) Low retention value
295	Eng Neo Avenue Forest	2020-02-20	EN0295	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	36348.58557	24255.94995	1.35	15	1) Average health, 2) Leaning Northwest, 3) Assessment limited by ephiytes
296	Eng Neo Avenue Forest	2020-02-20	EN0296	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36336.42553	24264.74162	1.5	15	1) Storm vulnerable, 2) Low retention value
297	Eng Neo Avenue Forest	2020-02-20	EN0297	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36327.68537	24271.75271	2.2	20	1) Storm vulnerable, 2) Low retention value
298	Eng Neo Avenue Forest	2020-02-20	EN0298	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36356.21378	24225.23428	1.3	20	1) Storm vulnerable, 2) Low retention value
299	Eng Neo Avenue Forest	2020-02-20	EN0299	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36361.52453	24229.24076	1.6	20	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
300	Eng Neo Avenue Forest	2020-02-20	EN0300	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36369.93115	24209.65401	1.2	20	1) Storm vulnerable, 2) Low retention value
301	Eng Neo Avenue Forest	2020-02-20	EN0301	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36377.114	24208.42993	1.6	20	1) Storm vulnerable, 2) Low retention value
302	Eng Neo Avenue Forest	2020-02-20	EN0302	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36377.33648	24208.09606	1.3	20	1) Storm vulnerable, 2) Low retention value
303	Eng Neo Avenue Forest	2020-02-20	EN0303	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36382.86972	24203.19942	1.5	20	1) Storm vulnerable, 2) Low retention value
304	Eng Neo Avenue Forest	2020-02-20	EN0304	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36387.62435	24202.19789	1.5	20	1) Storm vulnerable, 2) Low retention value
305	Eng Neo Avenue Forest	2020-02-20	EN0305	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36391.26676	24204.6463	1.3	20	1) Storm vulnerable, 2) Low retention value
306	Eng Neo Avenue Forest	2020-03-09	EN0306	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36248.937	24101.54	3.8	25	1) Storm vulnerable, 2) Low retention value
307	Eng Neo Avenue Forest	2020-03-09	EN0307	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36252.499	24108.541	1.3	8	1) Storm vulnerable, 2) Low retention value
308	Eng Neo Avenue Forest	2020-03-09	EN0308	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36260.737	24102.597	1.3	16	1) Storm vulnerable, 2) Low retention value
309	Eng Neo Avenue Forest	2020-03-09	EN0309	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36266.236	24100.327	3	25	1) Storm vulnerable, 2) Low retention value
310	Eng Neo Avenue Forest	2020-03-09	EN0310	*Terminalia catappa*	Combretaceae	Native	Common	Tree	36263.716	24097.462	1.8	20	1) Good health, 2) Root flare obvious, 3) Growing next to EN0309, 4) No significant defects
311	Eng Neo Avenue Forest	2020-03-09	EN0311	*Ficus variegata*	Moraceae	Native	Common	Tree	36264.82	24105.693	1.3	14	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
312	Eng Neo Avenue Forest	2020-03-09	EN0312	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36274.423	24141.146	2	25	1) Storm vulnerable, 2) Low retention value
313	Eng Neo Avenue Forest	2020-03-09	EN0313	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36277.562	24142.774	1.5	18	1) Storm vulnerable, 2) Low retention value
314	Eng Neo Avenue Forest	2020-03-09	EN0314	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36275.826	24149.026	1	16	1) Storm vulnerable, 2) Low retention value
315	Eng Neo Avenue Forest	2020-03-09	EN0315	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36278.99	24147.333	2	25	1) Storm vulnerable, 2) Low retention value
316	Eng Neo Avenue Forest	2020-03-09	EN0316	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36285.276	24144.665	2.5	25	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
317	Eng Neo Avenue Forest	2020-03-09	EN0317	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36288.205	24149.743	1.8	25	1) Storm vulnerable, 2) Low retention value
318	Eng Neo Avenue Forest	2020-03-09	EN0318	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36286.926	24141.982	3.8	20	1) Storm vulnerable, 2) Low retention value
319	Eng Neo Avenue Forest	2020-03-09	EN0319	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36297.265	24169.461	1	16	1) Storm vulnerable, 2) Low retention value
320	Eng Neo Avenue Forest	2020-03-09	EN0320	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36297.661	24170.353	2.5	18	1) Storm vulnerable, 2) Low retention value
321	Eng Neo Avenue Forest	2020-03-09	EN0321	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36295.009	24170.596	2	25	1) Storm vulnerable, 2) Low retention value
322	Eng Neo Avenue Forest	2020-03-09	EN0322	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36284.86	24183.594	4	25	1) Storm vulnerable, 2) Low retention value
323	Eng Neo Avenue Forest	2020-03-09	EN0323	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36284.451	24187.192	1.2	18	1) Storm vulnerable, 2) Low retention value
324	Eng Neo Avenue Forest	2020-03-09	EN0324	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36283.48	24186.533	1	18	1) Storm vulnerable, 2) Low retention value
325	Eng Neo Avenue Forest	2020-03-09	EN0325	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36282.469	24184.46	1.6	18	1) Storm vulnerable, 2) Low retention value
326	Eng Neo Avenue Forest	2020-03-09	EN0326	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36282.599	24176.581	1.1	18	1) Storm vulnerable, 2) Low retention value
327	Eng Neo Avenue Forest	2020-03-09	EN0327	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36280.216	24176.961	3.8	18	1) Storm vulnerable, 2) Low retention value
328	Eng Neo Avenue Forest	2020-03-09	EN0328	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36290.442	24172.68	1.4	16	1) Storm vulnerable, 2) Low retention value
329	Eng Neo Avenue Forest	2020-03-09	EN0329	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36269.35	24182.948	2.2	16	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
330	Eng Neo Avenue Forest	2020-03-09	EN0330	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36267.672	24181.498	1.1	16	1) Good health, 2) Root flare obvious, 3) Infested with termites
331	Eng Neo Avenue Forest	2020-03-09	EN0331	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36265.819	24182.008	1.1	14	1) Good health, 2) Infested with termites, 3) Asymmetric canopy
332	Eng Neo Avenue Forest	2020-03-09	EN0332	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36264.398	24182.463	1.5	16	1) Good health, 2) Asymmetric lean towards Southeast, 3) Assessment limited by climbers
333	Eng Neo Avenue Forest	2020-03-09	EN0333	*Syzygium grande*	Myrtaceae	Native	Common	Tree	36265.545	24178.259	1.1	15	1) Good health, 2) Root flare obvious, 3) No significant defects
334	Eng Neo Avenue Forest	2020-03-09	EN0334	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36263.473	24173.606	1.4	16	1) Good health, 2) Asymmetric canopy
335	Eng Neo Avenue Forest	2020-03-09	EN0335	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36267.632	24168.365	2.2	25	1) Storm vulnerable, 2) Low retention value
336	Eng Neo Avenue Forest	2020-03-09	EN0336	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36266.461	24169.781	2.2	14	1) Storm vulnerable, 2) Low retention value
337	Eng Neo Avenue Forest	2020-03-09	EN0337	*Syzygium grande*	Myrtaceae	Native	Common	Tree	36259.457	24160.031	1.6	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by epiphytes and climbers
338	Eng Neo Avenue Forest	2020-03-09	EN0338	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36261.543	24153.937	1.6	12	1) Poor health, 2) Past canopy failure resulting in poor form, 3) Low retention value
339	Eng Neo Avenue Forest	2020-03-09	EN0339	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36254.828	24154.672	1.2	12	1) Average health, 2) Root flare obvious, 3) Asymmetric lean towards Southeast, 4) Assessment limited by climbers
340	Eng Neo Avenue Forest	2020-03-09	EN0340	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36253.761	24160.53	1.3	18	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation with bulge, 4) Asymmetric canopy
341	Eng Neo Avenue Forest	2020-03-09	EN0341	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36256.521	24166.186	1	15	1) Good health, 2) Asymmetric lean towards south, 3) Assessment limited by climbers
342	Eng Neo Avenue Forest	2020-03-09	EN0342	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36246.767	24160.283	1.2	15	1) Good health, 2) Asymmetric canopy, 3) Assessment limited by climbers
343	Eng Neo Avenue Forest	2020-03-09	EN0343	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36247.544	24154.484	1.1	12	1) Good health, 2) Asymmetric canopy, 3) Assessment limited by climbers
344	Eng Neo Avenue Forest	2020-03-09	EN0344	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36247.546	24140.095	4.3	20	1) Storm vulnerable, 2) Low retention value
345	Eng Neo Avenue Forest	2020-03-09	EN0345	*Ficus variegata*	Moraceae	Native	Common	Tree	36249.654	24134.264	1.2	16	1) Canopy cobered by climbers
346	Eng Neo Avenue Forest	2020-03-09	EN0346	*Ficus variegata*	Moraceae	Native	Common	Tree	36235.163	24115.965	1.6	15	1) Good health, 2) Root falre obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
347	Eng Neo Avenue Forest	2020-03-09	EN0347	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36288.708	24236.261	3	25	1) Storm vulnerable, 2) Low retention value
348	Eng Neo Avenue Forest	2020-03-09	EN0348	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree	36306.302	24233.419	1	13	1) Good health, 2) Extensive decay on trunk, 3) Invasive exotic, 4) Low retention value
349	Eng Neo Avenue Forest	2020-03-09	EN0349	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36310.95	24236.462	3.5	25	1) Storm vulnerable, 2) Low retention value
350	Eng Neo Avenue Forest	2020-03-09	EN0350	*Ficus variegata*	Moraceae	Native	Common	Tree	36300.498	24222.932	1.6	16	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) No significant defects
351	Eng Neo Avenue Forest	2020-03-09	EN0351	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	36299.787	24216.188	2.1	18	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by epiphytes
352	Eng Neo Avenue Forest	2020-03-09	EN0352	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36301.403	24207.585	1.3	16	1) Storm vulnerable, 2) Low retention value
353	Eng Neo Avenue Forest	2020-03-09	EN0353	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36301.105	24198.201	1.6	16	1) Storm vulnerable, 2) Low retention value
354	Eng Neo Avenue Forest	2020-03-09	EN0354	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	36302.653	24191.565	1	15	1) Poor health, 2) Poor form, 3) Pocket decay on branches, 4) Low retention value
355	Eng Neo Avenue Forest	2020-03-09	EN0355	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36308.933	24181.102	1.2	9	1) Good health, 2) No significant defects
356	Eng Neo Avenue Forest	2020-03-09	EN0356	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	36311.385	24187.022	1.9	16	1) Good health, 2) No significant defects, 3) Root flare obvious, 4) Asymmetric canopy
357	Eng Neo Avenue Forest	2020-03-09	EN0357	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36315.717	24189.083	1.5	12	1) Good health, 2) No significant defects, 3) Cluster of two
358	Eng Neo Avenue Forest	2020-03-09	EN0358	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36318.944	24211.442	1.7	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
359	Eng Neo Avenue Forest	2020-03-09	EN0359	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36304.915	24244.237	1.2–1.6	15	1) Storm vulnerable, 2) Low retention value, 3) Cluster of three
360	Eng Neo Avenue Forest	2020-03-09	EN0360	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	36318.853	24251.937	2	16	1) Good health, 2) No significant defects
361	Eng Neo Avenue Forest	2020-03-09	EN0361	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36311.954	24255.247	1.2	14	1) Storm vulnerable, 2) Low retention value
362	Eng Neo Avenue Forest	2020-03-09	EN0362	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36311.953	24257.052	2	20	1) Dead
363	Eng Neo Avenue Forest	2020-03-09	EN0363	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36314.941	24260.001	1.7	12	1) Storm vulnerable, 2) Low retention value
364	Eng Neo Avenue Forest	2020-03-09	EN0364	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36334.433	24227.785	2.1	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
365	Eng Neo Avenue Forest	2020-03-09	EN0365	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36334.633	24222.612	1.5	25	1) Storm vulnerable, 2) Low retention value
366	Eng Neo Avenue Forest	2020-03-09	EN0366	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36328.424	24216.175	1.5	22	1) Storm vulnerable, 2) Low retention value
367	Eng Neo Avenue Forest	2020-03-09	EN0367	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36338.089	24216.185	2	25	1) Storm vulnerable, 2) Low retention value
368	Eng Neo Avenue Forest	2020-03-09	EN0368	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36343.826	24208.977	1	22	1) Storm vulnerable, 2) Low retention value
369	Eng Neo Avenue Forest	2020-03-09	EN0369	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36342.068	24205.469	1.6	25	1) Storm vulnerable, 2) Low retention value
370	Eng Neo Avenue Forest	2020-03-09	EN0370	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36351.014	24204.465	1.8	25	1) Storm vulnerable, 2) Low retention value
371	Eng Neo Avenue Forest	2020-03-09	EN0371	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36352.026	24189.465	1.7	25	1) Storm vulnerable, 2) Low retention value
372	Eng Neo Avenue Forest	2020-03-09	EN0372	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36355.001	24183.163	1.2	25	1) Storm vulnerable, 2) Low retention value
373	Eng Neo Avenue Forest	2020-03-09	EN0373	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36349.951	24176.885	1.4	25	1) Storm vulnerable, 2) Low retention value
374	Eng Neo Avenue Forest	2020-03-09	EN0374	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36332.168	24169.567	1.4	25	1) Storm vulnerable, 2) Low retention value
375	Eng Neo Avenue Forest	2020-03-09	EN0375	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36316.275	24167.936	2.5	25	1) Storm vulnerable, 2) Low retention value
376	Eng Neo Avenue Forest	2020-03-09	EN0376	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36315.727	24158.87	2	16	1) Storm vulnerable, 2) Low retention value
377	Eng Neo Avenue Forest	2020-03-09	EN0377	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36318.694	24149.373	3.6	18	1) Storm vulnerable, 2) Low retention value
378	Eng Neo Avenue Forest	2020-03-10	EN0378	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36324.908	24271.668	1.2	16	1) Storm vulnerable, 2) Low retention value
379	Eng Neo Avenue Forest	2020-03-10	EN0379	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36325.341	24276.095	1.6	25	1) Storm vulnerable, 2) Low retention value
380	Eng Neo Avenue Forest	2020-03-10	EN0380	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36326.772	24276.905	1.1	25	1) Storm vulnerable, 2) Low retention value
381	Eng Neo Avenue Forest	2020-03-10	EN0381	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36323.67	24278.271	1.7	25	1) Storm vulnerable, 2) Low retention value
382	Eng Neo Avenue Forest	2020-03-10	EN0382	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36324.49	24279.323	1.1	20	1) Storm vulnerable, 2) Low retention value
383	Eng Neo Avenue Forest	2020-03-10	EN0383	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36344.016	24325.53	1.2, 1.6	12	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
384	Eng Neo Avenue Forest	2020-03-10	EN0384	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36301.955	24320.394	1	20	1) Storm vulnerable, 2) Low retention value
385	Eng Neo Avenue Forest	2020-03-11	EN0384A	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36285.77966	24330.95792	Unable to establish	16	1) Unable to access owing to thick vegetation, 2) 150–200 m east of waypoint
386	Eng Neo Avenue Forest	2020-03-10	EN0385	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36285.422	24331.665	1	15	1) Storm vulnerable, 2) Low retention value
387	Eng Neo Avenue Forest	2020-03-10	EN0386	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36282.061	24333.952	1.8	25	1) Storm vulnerable, 2) Low retention value
388	Eng Neo Avenue Forest	2020-03-10	EN0387	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36276.466	24336.022	1.5	25	1) Storm vulnerable, 2) Low retention value
389	Eng Neo Avenue Forest	2020-03-10	EN0388	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36278.055	24322.163	1.2	13	1) Storm vulnerable, 2) Low retention value
390	Eng Neo Avenue Forest	2020-03-10	EN0389	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36280.188	24320.96	1	12	1) Storm vulnerable, 2) Low retention value
391	Eng Neo Avenue Forest	2020-03-10	EN0390	*Ficus variegata*	Moraceae	Native	Common	Tree	36285.8	24317.938	1.3	12	1) Average health, 2) Root flare obvious and extensive, 3) Self-corrected lean towards South
392	Eng Neo Avenue Forest	2020-03-10	EN0391	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36294.383	24312.085	1.3	18	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
393	Eng Neo Avenue Forest	2020-03-10	EN0392	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	36297.15	24319.351	1.3	18	1) Good health, 2) No significant defects, 3) Root flare obvious
394	Eng Neo Avenue Forest	2020-03-10	EN0393	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36289.551	24304.284	1.3	18	1) Storm vulnerable, 2) Low retention value
395	Eng Neo Avenue Forest	2020-03-10	EN0394	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36297.018	24307.382	1.2	16	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
396	Eng Neo Avenue Forest	2020-03-10	EN0395	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36301.581	24305.921	1.2	16	1) Storm vulnerable, 2) Low retention value
397	Eng Neo Avenue Forest	2020-03-10	EN0396	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36300.81	24304.163	1.1	14	1) Storm vulnerable, 2) Low retention value
398	Eng Neo Avenue Forest	2020-03-10	EN0397	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36301.345	24306.766	1.6	18	1) Storm vulnerable, 2) Low retention value
399	Eng Neo Avenue Forest	2020-03-10	EN0398	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	36306.066	24302.23	1.2	12	1) Good health, 2) Growing next to a dead Falcataria moluccana tree
400	Eng Neo Avenue Forest	2020-03-10	EN0399	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36307.81	24300.747	2	25	1) Storm vulnerable, 2) Low retention value
401	Eng Neo Avenue Forest	2020-03-10	EN0400	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36307.485	24310.333	1	16	1) Good health 2) Asymmetric canopy, 3) Assessment limited by climbers
402	Eng Neo Avenue Forest	2020-03-10	EN0401	*Ficus variegata*	Moraceae	Native	Common	Tree	36316.803	24309.288	1.5	20	1) Good health, 2) No significant defects, 3) Root flare obvious
403	Eng Neo Avenue Forest	2020-03-10	EN0402	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36318.466	24291.322	1.8	20	1) Storm vulnerable, 2) Low retention value
404	Eng Neo Avenue Forest	2020-03-10	EN0403	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36330.2	24293.735	1.4	15	1) Storm vulnerable, 2) Low retention value
405	Eng Neo Avenue Forest	2020-03-10	EN0404	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36315.249	24290.865	2	25	1) Storm vulnerable, 2) Low retention value
406	Eng Neo Avenue Forest	2020-03-10	EN0405	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36287.353	24218.404	1.1	5	1) Storm vulnerable, 2) Low retention value
407	Eng Neo Avenue Forest	2020-03-10	EN0406	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36289.041	24238.349	2.2	25	1) Storm vulnerable, 2) Low retention value
408	Eng Neo Avenue Forest	2020-03-10	EN0407	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36291.339	24249.547	1.2	16	1) Storm vulnerable, 2) Low retention value
409	Eng Neo Avenue Forest	2020-03-10	EN0408	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36285.919	24248.181	1.6	16	1) Storm vulnerable, 2) Low retention value
410	Eng Neo Avenue Forest	2020-03-10	EN0409	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36284.131	24252.212	1	14	1) Storm vulnerable, 2) Low retention value
411	Eng Neo Avenue Forest	2020-03-10	EN0410	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36279.263	24256.589	2.5	25	1) Storm vulnerable, 2) Low retention value
412	Eng Neo Avenue Forest	2020-03-10	EN0411	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36277.022	24257.027	2.2	25	1) Storm vulnerable, 2) Low retention value
413	Eng Neo Avenue Forest	2020-03-10	EN0412	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36273.54	24260.262	1.3	20	1) Storm vulnerable, 2) Low retention value
414	Eng Neo Avenue Forest	2020-03-10	EN0413	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36268.686	24262.196	1.1	16	1) Storm vulnerable, 2) Low retention value
415	Eng Neo Avenue Forest	2020-03-10	EN0414	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36278.171	24267.02	1.6	20	1) Storm vulnerable, 2) Low retention value
416	Eng Neo Avenue Forest	2020-03-10	EN0415	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36283.544	24265.671	1.3	25	1) Storm vulnerable, 2) Low retention value
417	Eng Neo Avenue Forest	2020-03-10	EN0416	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36289.569	24265.596	1	16	1) Storm vulnerable, 2) Low retention value
418	Eng Neo Avenue Forest	2020-03-10	EN0417	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36295.544	24270.916	1.3	16	1) Storm vulnerable, 2) Low retention value
419	Eng Neo Avenue Forest	2020-03-10	EN0418	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36294.057	24267.61	2.3	25	1) Storm vulnerable, 2) Low retention value
420	Eng Neo Avenue Forest	2020-03-10	EN0419	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36287.692	24276.805	2	25	1) Storm vulnerable, 2) Low retention value
421	Eng Neo Avenue Forest	2020-03-10	EN0420	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36281.258	24277.207	2.8	25	1) Storm vulnerable, 2) Low retention value
422	Eng Neo Avenue Forest	2020-03-10	EN0421	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36276.616	24276.779	1.2, 2.1	25	1) Storm vulnerable, 2) Low retention value; 3) Cluster of two
423	Eng Neo Avenue Forest	2020-03-10	EN0422	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36271.191	24273.002	1.1	15	1) Storm vulnerable, 2) Low retention value
424	Eng Neo Avenue Forest	2020-03-10	EN0423	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36272.96	24278.834	1.3	14	1) Storm vulnerable, 2) Low retention value
425	Eng Neo Avenue Forest	2020-03-10	EN0424	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36268.667	24266.439	1.1	18	1) Storm vulnerable, 2) Low retention value
426	Eng Neo Avenue Forest	2020-03-10	EN0425	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36258.826	24258.778	2	25	1) Storm vulnerable, 2) Low retention value
427	Eng Neo Avenue Forest	2020-03-10	EN0426	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36252.658	24265.646	1	25	1) Storm vulnerable, 2) Low retention value
428	Eng Neo Avenue Forest	2020-03-10	EN0427	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36256.009	24273.079	2.8	25	1) Storm vulnerable, 2) Low retention value
429	Eng Neo Avenue Forest	2020-03-10	EN0428	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36259.02	24270.342	1	10	1) Storm vulnerable, 2) Low retention value
430	Eng Neo Avenue Forest	2020-03-10	EN0429	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36246.958	24280.61	2.3	25	1) Storm vulnerable, 2) Low retention value
431	Eng Neo Avenue Forest	2020-03-10	EN0430	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36242.475	24282.802	1.3	22	1) Storm vulnerable, 2) Low retention value
432	Eng Neo Avenue Forest	2020-03-10	EN0431	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36262.378	24307.324	2.2, 2.5	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
433	Eng Neo Avenue Forest	2020-03-10	EN0432	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36273.468	24307.391	3.7	25	1) Storm vulnerable, 2) Low retention value
434	Eng Neo Avenue Forest	2020-03-10	EN0433	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	36279.053	24314.39	1.5	16	1) Good health, 2) No significant defects, 3) Asymmetric canopy, 4) Growing on slope
435	Eng Neo Avenue Forest	2020-03-10	EN0434	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36283.202	24302.624	1.2	14	1) Storm vulnerable, 2) Low retention value
436	Eng Neo Avenue Forest	2020-03-11	EN0435	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36239.447	24298.662	1.8	20	1) Storm vulnerable, 2) Low retention value
437	Eng Neo Avenue Forest	2020-03-11	EN0436	*Terminalia catappa*	Combretaceae	Native	Common	Tree	36239.19	24299.101	2.2	18	1) Good health, 2) Root flare obvious, 3) Low V-shaped bifurcation
438	Eng Neo Avenue Forest	2020-03-11	EN0437	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36228.935	24324.483	2.6	16	1) Storm vulnerable, 2) Low retention value
439	Eng Neo Avenue Forest	2020-03-11	EN0438	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36232.498	24322.954	1.2	16	1) Storm vulnerable, 2) Low retention value
440	Eng Neo Avenue Forest	2020-03-11	EN0439	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36243.978	24331.54	1.05	13	1) Storm vulnerable, 2) Low retention value
441	Eng Neo Avenue Forest	2020-03-11	EN0440	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36245.004	24331.69	1.4	12	1) Storm vulnerable, 2) Low retention value
442	Eng Neo Avenue Forest	2020-03-11	EN0441	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36245.735	24331.615	1	12	1) Storm vulnerable, 2) Low retention value
443	Eng Neo Avenue Forest	2020-03-11	EN0442	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36250.173	24332.5	1.2	10	1) Storm vulnerable, 2) Low retention value
444	Eng Neo Avenue Forest	2020-03-11	EN0443	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36251.948	24332.312	1.6	14	1) Storm vulnerable, 2) Low retention value
445	Eng Neo Avenue Forest	2020-03-11	EN0444	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36258.95	24331.697	2.1	25	1) Storm vulnerable, 2) Low retention value
446	Eng Neo Avenue Forest	2020-03-11	EN0445	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36262.434	24338.748	2.6	25	1) Storm vulnerable, 2) Low retention value
447	Eng Neo Avenue Forest	2020-03-11	EN0446	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36263.351	24334.922	1.1	10	1) Storm vulnerable, 2) Low retention value
448	Eng Neo Avenue Forest	2020-03-11	EN0447	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36262.699	24335.84	1.6	12	1) Storm vulnerable, 2) Low retention value
449	Eng Neo Avenue Forest	2020-03-11	EN0448	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36247.991	24344.478	1.6	25	1) Storm vulnerable, 2) Low retention value
450	Eng Neo Avenue Forest	2020-03-11	EN0449	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36247.143	24342.827	1.0, 1.1	16	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
451	Eng Neo Avenue Forest	2020-03-11	EN0450	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36249.027	24353.489	1.5	18	1) Storm vulnerable, 2) Low retention value
452	Eng Neo Avenue Forest	2020-03-11	EN0451	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36259.568	24362.354	1.3	10	1) Storm vulnerable, 2) Low retention value
453	Eng Neo Avenue Forest	2020-03-11	EN0452	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36277.594	24382.323	2.1	14	1) Storm vulnerable, 2) Low retention value
454	Eng Neo Avenue Forest	2020-03-11	EN0453	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36282.305	24382.517	1	14	1) Storm vulnerable, 2) Low retention value
455	Eng Neo Avenue Forest	2020-03-11	EN0454	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36266.998	24389.675	1.7	12	1) Storm vulnerable, 2) Low retention value
456	Eng Neo Avenue Forest	2020-03-11	EN0455	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36265.466	24391.882	1.5	10	1) Storm vulnerable, 2) Low retention value
457	Eng Neo Avenue Forest	2020-03-11	EN0456	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree	36254.995	24404.455	1.6	10	1) Storm vulnerable, 2) Low retention value
458	Eng Neo Avenue Forest	2020-03-11	EN0457	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36237.325	24400.044	1.8	18	1) Storm vulnerable, 2) Low retention value
459	Eng Neo Avenue Forest	2020-03-11	EN0458	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36234.144	24380.767	1.2	10	1) Storm vulnerable, 2) Low retention value
460	Eng Neo Avenue Forest	2020-03-11	EN0459	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36245.526	24372.047	1.1	12	1) Storm vulnerable, 2) Low retention value
461	Eng Neo Avenue Forest	2020-03-11	EN0460	*Ficus variegata*	Moraceae	Native	Common	Tree	36232.164	24350.177	1.1	12	1) Good health, 2) Root flare obvious, 3) Growing on slope, 4) Assessment limited by climbers
462	Eng Neo Avenue Forest	2020-03-11	EN0461	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36223.054	24352.771	2.1	25	1) Storm vulnerable, 2) Low retention value
463	Eng Neo Avenue Forest	2020-03-11	EN0462	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36211.657	24353.515	2	22	1) Storm vulnerable, 2) Low retention value
464	Eng Neo Avenue Forest	2020-03-11	EN0463	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36217.325	24351.154	1.8	25	1) Storm vulnerable, 2) Low retention value
465	Eng Neo Avenue Forest	2020-03-11	EN0464	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36216.434	24349.028	1.8	25	1) Storm vulnerable, 2) Low retention value
466	Eng Neo Avenue Forest	2020-03-11	EN0465	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36215.921	24347.703	1.8	25	1) Storm vulnerable, 2) Low retention value
467	Eng Neo Avenue Forest	2020-03-11	EN0466	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	36216.884	24355.208	1.2	9	1) Good health, 2) Low U-shaped bifurcation, 3) Growing on slope, 4) Assessment limited by climbers
468	Eng Neo Avenue Forest	2020-03-11	EN0467	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36221.795	24332.116	1.2	20	1) Storm vulnerable, 2) Low retention value
469	Eng Neo Avenue Forest	2020-03-11	EN0468	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36218.395	24322.823	1.8	25	1) Storm vulnerable, 2) Low retention value
470	Eng Neo Avenue Forest	2020-03-11	EN0469	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36222.009	24321.546	2	25	1) Storm vulnerable, 2) Low retention value
471	Eng Neo Avenue Forest	2020-03-11	EN0470	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36220.926	24321.531	1.6	16	1) Storm vulnerable, 2) Low retention value
472	Eng Neo Avenue Forest	2020-03-11	EN0471	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36223.667	24322.585	1.8	16	1) Storm vulnerable, 2) Low retention value
473	Eng Neo Avenue Forest	2020-03-12	EN0472	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36174.804	24273.531	1.5	10	1) Storm vulnerable, 2) Low retention value
474	Eng Neo Avenue Forest	2020-03-12	EN0473	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	36117.303	24250.859	1.1	8	1) Good health, 2) No significant defects

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
475	Eng Neo Avenue Forest	2020-03-12	EN0474	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	36081.964	24232.192	5	16	1) Good health, 2) Assessment limited by climbers
476	Eng Neo Avenue Forest	2020-03-12	EN0475	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36094.629	24233.569	1.1	9	1) Storm vulnerable, 2) Low retention value
477	Eng Neo Avenue Forest	2020-03-12	EN0476	*Ficus variegata*	Moraceae	Native	Common	Tree	36093.011	24240.974	1.2	8	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
478	Eng Neo Avenue Forest	2020-03-12	EN0477	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36085.807	24246.532	3	25	1) Storm vulnerable, 2) Low retention value
479	Eng Neo Avenue Forest	2020-03-12	EN0478	*Ficus variegata*	Moraceae	Native	Common	Tree	36080.58	24249.838	1.1	10	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
480	Eng Neo Avenue Forest	2020-03-12	EN0479	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	36084.574	24259.363	1.2	8	1) Good health, 2) Low U-shaped bifurcation, 3) Self-corrected lean towards Southwest, 4) Assessment limited by climbers
481	Eng Neo Avenue Forest	2020-03-12	EN0480	*Ficus variegata*	Moraceae	Native	Common	Tree	36060.958	24256.021	1.4	16	1) Good health, 2) Root flare obvious, 3) Growing next to EN0481, 4) Assessment limited by climbers
482	Eng Neo Avenue Forest	2020-03-12	EN0481	*Ficus variegata*	Moraceae	Native	Common	Tree	36060.533	24257.418	1.4	16	1) Poor health, 2) Root flare obvious, 3) Decay on primary branch, 4) V-shaped bifurcation, 5) Assessment limited by climbers
483	Eng Neo Avenue Forest	2020-03-12	EN0482	*Ficus variegata*	Moraceae	Native	Common	Tree	36065.018	24251.995	1.2	16	1) Good health, 2) Asymmetric canopy, 3) Assessment limited by climbers
484	Eng Neo Avenue Forest	2020-03-12	EN0483	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36045.863	24265.082	0.8	10	1) Good health, 2) Assessment limited by climbers
485	Eng Neo Avenue Forest	2020-03-12	EN0484	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36046.627	24267.556	0.5	10	1) Good health, 2) Assessment limited by climbers
486	Eng Neo Avenue Forest	2020-03-12	EN0485	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36050.044	24271.387	1.7	9	1) Good health, 2) Multiple trunk attachments, 3) Past branch failure resulting in crown asymmetry, 4) Assessment limited by climbers
487	Eng Neo Avenue Forest	2020-03-12	EN0486	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36058.132	24288.374	2.4	16	1) Poor health, 2) Root flare obvious, 3) V-shaped bifurcation, 4) Dieback at canopy, 5) Assessment limited by climbers
488	Eng Neo Avenue Forest	2020-03-12	EN0487	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36064.351	24271.138	0.8	8	1) Average health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
489	Eng Neo Avenue Forest	2020-03-12	EN0488	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36061.586	24270.253	0.9	9	1) Average health, 2) Decay and cavity on trunk, 3) Asymmetric canopy, 4) Low retention value
490	Eng Neo Avenue Forest	2020-03-12	EN0489	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36062.48	24266.885	1.4	14	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
491	Eng Neo Avenue Forest	2020-03-12	EN0490	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	36082.908	24280.379	1.1	10	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
492	Eng Neo Avenue Forest	2020-03-12	EN0491	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36080.447	24286.914	2.6	25	1) Storm vulnerable, 2) Low retention value
493	Eng Neo Avenue Forest	2020-03-12	EN0492	*Prunus polystachya*	Rosaceae	Native	Common	Tree	36069.261	24299.872	1.1	12	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
494	Eng Neo Avenue Forest	2020-03-12	EN0493	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36070.4	24302.837	1, 1.2	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
495	Eng Neo Avenue Forest	2020-03-12	EN0494	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36071.718	24321.526	0.9	16	1) Good health, 2) Decay on large structural root, 3) Asymmetric canopy, 4) Low retention value
496	Eng Neo Avenue Forest	2020-03-12	EN0495	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36075.283	24317.693	1	10	1) Average health, 2) Extensive decay on trunk below bifurcation, 3) Poor form, 4) Low retention value
497	Eng Neo Avenue Forest	2020-03-12	EN0496	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36070.798	24326.086	1.5	12	1) Storm vulnerable, 2) Low retention value
498	Eng Neo Avenue Forest	2020-03-12	EN0497	*Khaya* cf. *nyasica*	Meliaceae	Exotic	Not assessed	Tree	36074.292	24335.784	1	12	1) Good health, 2) Asymmetric canopy, 3) Assessment limited by climbers
499	Eng Neo Avenue Forest	2020-03-12	EN0498	*Khaya* cf. *nyasica*	Meliaceae	Exotic	Not assessed	Tree	36072.36	24344.919	1.3	16	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Asymmetric canopy
500	Eng Neo Avenue Forest	2020-03-12	EN0499	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36068.224	24360.458	1.2	16	1) Storm vulnerable, 2) Low retention value
501	Eng Neo Avenue Forest	2020-03-12	EN0500	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36072.061	24365.801	1.3	12	1) Storm vulnerable, 2) Low retention value
502	Eng Neo Avenue Forest	2020-03-12	EN0501	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36065.266	24367.155	1.5	12	1) Storm vulnerable, 2) Low retention value
503	Eng Neo Avenue Forest	2020-03-12	EN0502	*Khaya* cf. *nyasica*	Meliaceae	Exotic	Not assessed	Tree	36082.273	24367.472	2.1	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
504	Eng Neo Avenue Forest	2020-03-12	EN0503	*Khaya* cf. *nyasica*	Meliaceae	Exotic	Not assessed	Tree	36086.297	24361.655	1.1	16	1) Good health, 2) No significant defects, 3) Root flare obvious
505	Eng Neo Avenue Forest	2020-03-12	EN0504	*Swietenia macrophylla*	Meliaceae	Exotic	Casual	Tree	36093.813	24361.091	1.4	16	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Asymmetric canopy, 5) Assessment limited by climbers
506	Eng Neo Avenue Forest	2020-03-12	EN0505	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36084.495	24357.816	1.5	16	1) Storm vulnerable, 2) Low retention value
507	Eng Neo Avenue Forest	2020-03-12	EN0506	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	36076.255	24356.772	2.5	20	1) Good health, 2) No significant defects, 3) Root flare obvious, 4) U-shaped bifurcation
508	Eng Neo Avenue Forest	2020-03-12	EN0507	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36074.825	24350.958	1.2	15	1) Storm vulnerable, 2) Low retention value
509	Eng Neo Avenue Forest	2020-03-12	EN0508	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36076.39	24347.367	1.1	15	1) Storm vulnerable, 2) Low retention value
510	Eng Neo Avenue Forest	2020-03-12	EN0509	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36082.121	24348.59	1.4	15	1) Storm vulnerable, 2) Low retention value
511	Eng Neo Avenue Forest	2020-03-12	EN0510	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36085.355	24345.985	1.1	15	1) Storm vulnerable, 2) Low retention value
512	Eng Neo Avenue Forest	2020-03-12	EN0511	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36084.777	24344.845	1.7	16	1) Storm vulnerable, 2) Low retention value
513	Eng Neo Avenue Forest	2020-03-12	EN0512	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36090.836	24338.993	2.2	18	1) Storm vulnerable, 2) Low retention value
514	Eng Neo Avenue Forest	2020-03-12	EN0513	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36092.868	24340.493	2.6	18	1) Storm vulnerable, 2) Low retention value
515	Eng Neo Avenue Forest	2020-03-12	EN0514	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36103.564	24344.288	1.5	18	1) Storm vulnerable, 2) Low retention value
516	Eng Neo Avenue Forest	2020-03-12	EN0515	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36104.144	24350.453	1.4	16	1) Storm vulnerable, 2) Low retention value
517	Eng Neo Avenue Forest	2020-03-12	EN0516	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36101.209	24358.164	2	10	1) Good health, 2) No significant defects
518	Eng Neo Avenue Forest	2020-03-12	EN0517	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36111.654	24349.368	1	16	1) Storm vulnerable, 2) Low retention value
519	Eng Neo Avenue Forest	2020-03-12	EN0518	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36120.647	24354.711	2	10	1) Good health, 2) No significant defects
520	Eng Neo Avenue Forest	2020-03-12	EN0519	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36118.971	24349.353	1.1	15	1) Storm vulnerable, 2) Low retention value
521	Eng Neo Avenue Forest	2020-03-12	EN0520	*Swietenia macrophylla*	Meliaceae	Exotic	Casual	Tree	36123.256	24344.319	1.2	14	1) Good health, 2) Root flare obvious, 3) Asymmetric lean towards Northeast, 4) Assessment limited by climbers
522	Eng Neo Avenue Forest	2020-03-12	EN0521	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36121.181	24340.228	1.3	15	1) Storm vulnerable, 2) Low retention value
523	Eng Neo Avenue Forest	2020-03-12	EN0522	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36116.287	24336.865	0.6	14	1) Good health, 2) No significant defects, 3) Root flare obvious, 4) Asymmetric canopy
524	Eng Neo Avenue Forest	2020-03-12	EN0523	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36104.674	24332.213	1.6	18	1) Storm vulnerable, 2) Low retention value
525	Eng Neo Avenue Forest	2020-03-12	EN0524	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36101.504	24331.221	1.3	16	1) Storm vulnerable, 2) Low retention value
526	Eng Neo Avenue Forest	2020-03-12	EN0525	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36101.55	24341.041	1.3	16	1) Storm vulnerable, 2) Low retention value
527	Eng Neo Avenue Forest	2020-03-12	EN0526	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36099.999	24331.953	1.3	16	1) Storm vulnerable, 2) Low retention value
528	Eng Neo Avenue Forest	2020-03-12	EN0527	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36098.942	24333.487	1.8	16	1) Storm vulnerable, 2) Low retention value
529	Eng Neo Avenue Forest	2020-03-12	EN0528	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36097.404	24330.363	2.2	16	1) Storm vulnerable, 2) Low retention value
530	Eng Neo Avenue Forest	2020-03-12	EN0529	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36088.385	24325.26	1.7	13	1) Storm vulnerable, 2) Low retention value
531	Eng Neo Avenue Forest	2020-03-12	EN0530	*Ficus variegata*	Moraceae	Native	Common	Tree	36094.542	24318.401	1.1	13	1) Average health, 2) No significant defects, 3) Root flare obvious
532	Eng Neo Avenue Forest	2020-03-12	EN0531	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	36091.226	24315.055	1.1	11	1) Good health, 2) Root flare obvious, 3) Multiple attachments
533	Eng Neo Avenue Forest	2020-03-16	EN0532	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36138.866	24293.049	1.2, 1.4, 2.2, 2.2	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of four
534	Eng Neo Avenue Forest	2020-03-16	EN0533	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36133.945	24296.58	1.35	25	1) Storm vulnerable, 2) Low retention value
535	Eng Neo Avenue Forest	2020-03-16	EN0534	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36125.844	24299.535	2.2	20	1) Storm vulnerable, 2) Low retention value
536	Eng Neo Avenue Forest	2020-03-16	EN0535	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36125.347	24299.344	2.4	25	1) Storm vulnerable, 2) Low retention value
537	Eng Neo Avenue Forest	2020-03-16	EN0536	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36117.222	24293.083	1.2	25	1) Storm vulnerable, 2) Low retention value
538	Eng Neo Avenue Forest	2020-03-16	EN0537	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36092.827	24297.742	1.5	20	1) Storm vulnerable, 2) Low retention value
539	Eng Neo Avenue Forest	2020-03-16	EN0538	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36099.601	24308.803	2.6	25	1) Storm vulnerable, 2) Low retention value
540	Eng Neo Avenue Forest	2020-03-16	EN0539	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36102.507	24310.772	1.6	25	1) Storm vulnerable, 2) Low retention value
541	Eng Neo Avenue Forest	2020-03-16	EN0540	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36107.425	24308.176	2	25	1) Storm vulnerable, 2) Low retention value
542	Eng Neo Avenue Forest	2020-03-16	EN0541	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36111.855	24308.455	2.4	25	1) Storm vulnerable, 2) Low retention value
543	Eng Neo Avenue Forest	2020-03-16	EN0542	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36112.232	24317.44	1.35	16	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
544	Eng Neo Avenue Forest	2020-03-16	EN0543	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36104.473	24326.735	1.4	16	1) Storm vulnerable, 2) Low retention value
545	Eng Neo Avenue Forest	2020-03-16	EN0544	*Swietenia macrophylla*	Meliaceae	Exotic	Casual	Tree	36116.732	24326.551	1.4	18	1) Good health, 2) No significant defects, 3) Root flare obvious
546	Eng Neo Avenue Forest	2020-03-16	EN0545	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36120.459	24321.927	1.35	16	1) Storm vulnerable, 2) Low retention value
547	Eng Neo Avenue Forest	2020-03-16	EN0546	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36127.855	24315.471	1.65	25	1) Storm vulnerable, 2) Low retention value
548	Eng Neo Avenue Forest	2020-03-16	EN0547	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36131.125	24318.101	2	16	1) Storm vulnerable, 2) Low retention value
549	Eng Neo Avenue Forest	2020-03-16	EN0548	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36132.617	24318.224	1.6	20	1) Storm vulnerable, 2) Low retention value
550	Eng Neo Avenue Forest	2020-03-16	EN0549	*Terminalia catappa*	Combretaceae	Native	Common	Tree	36155.568	24325.257	1.2	16	1) Good health, 2) Root flare obvious, 3) Asymmetric lean towards Northwest, 4) Assessment limited by climbers
551	Eng Neo Avenue Forest	2020-03-16	EN0550	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36166.669	24322.838	1.05	16	1) Storm vulnerable, 2) Low retention value
552	Eng Neo Avenue Forest	2020-03-16	EN0551	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36178.647	24326.169	1.6	20	1) Storm vulnerable, 2) Low retention value
553	Eng Neo Avenue Forest	2020-03-16	EN0552	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36166.863	24338.789	2.8	25	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
554	Eng Neo Avenue Forest	2020-03-16	EN0553	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36164.501	24339.125	1	15	1) Storm vulnerable, 2) Low retention value
555	Eng Neo Avenue Forest	2020-03-16	EN0554	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36164.112	24343.8	1.3	20	1) Storm vulnerable, 2) Low retention value
556	Eng Neo Avenue Forest	2020-03-16	EN0555	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36183.248	24356.93	1.1	20	1) Storm vulnerable, 2) Low retention value
557	Eng Neo Avenue Forest	2020-03-16	EN0556	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36183.714	24355.852	1.05	18	1) Storm vulnerable, 2) Low retention value
558	Eng Neo Avenue Forest	2020-03-16	EN0557	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36176.781	24368.364	3.2	25	1) Storm vulnerable, 2) Low retention value
559	Eng Neo Avenue Forest	2020-03-16	EN0558	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree	36164.154	24362.451	1	12	1) Storm vulnerable, 2) Low retention value
560	Eng Neo Avenue Forest	2020-03-16	EN0559	*Ficus variegata*	Moraceae	Native	Common	Tree	36158.944	24367.736	1.05	10	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
561	Eng Neo Avenue Forest	2020-03-16	EN0560	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36157.653	24371.914	1	14	1) Storm vulnerable, 2) Low retention value
562	Eng Neo Avenue Forest	2020-03-16	EN0561	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36149.02	24389.29	1.4	18	1) Storm vulnerable, 2) Low retention value
563	Eng Neo Avenue Forest	2020-03-16	EN0562	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36155.307	24386.965	1	12	1) Storm vulnerable, 2) Low retention value
564	Eng Neo Avenue Forest	2020-03-16	EN0563	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36149.485	24387.011	1.4	18	1) Storm vulnerable, 2) Low retention value
565	Eng Neo Avenue Forest	2020-03-16	EN0564	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36153.191	24405.66	1.45	14	1) Storm vulnerable, 2) Low retention value
566	Eng Neo Avenue Forest	2020-03-16	EN0565	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36171.158	24394.165	2.6	25	1) Storm vulnerable, 2) Low retention value
567	Eng Neo Avenue Forest	2020-03-16	EN0566	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36179.563	24389.562	2.4	25	1) Storm vulnerable, 2) Low retention value
568	Eng Neo Avenue Forest	2020-03-16	EN0567	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36181.723	24385.935	2.5	25	1) Storm vulnerable, 2) Low retention value
569	Eng Neo Avenue Forest	2020-03-16	EN0568	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36184.117	24384.721	2	18	1) Storm vulnerable, 2) Low retention value
570	Eng Neo Avenue Forest	2020-03-16	EN0569	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36186.817	24379.76	1.6	18	1) Storm vulnerable, 2) Low retention value
571	Eng Neo Avenue Forest	2020-03-16	EN0570	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36190.735	24378.348	1.1	16	1) Storm vulnerable, 2) Low retention value
572	Eng Neo Avenue Forest	2020-03-16	EN0571	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36201.974	24376.06	2.2	25	1) Storm vulnerable, 2) Low retention value
573	Eng Neo Avenue Forest	2020-03-16	EN0572	*Ficus variegata*	Moraceae	Native	Common	Tree	36220.614	24400.512	1.1	15	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
574	Eng Neo Avenue Forest	2020-03-16	EN0573	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	36220.446	24400.558	1.1	12	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
575	Eng Neo Avenue Forest	2020-03-16	EN0574	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36215.418	24411.162	1.1	8	1) Storm vulnerable, 2) Low retention value
576	Eng Neo Avenue Forest	2020-03-16	EN0575	*Dimocarpus longan*	Sapindaceae	Exotic	Casual	Tree	36197.94	24425.868	1.6	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
577	Eng Neo Avenue Forest	2020-03-16	EN0576	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	36195.765	24421.532	1.5	16	1) Good health, 2) Root flare obvious, 3) Decay on branches, 4) Asymmetric canopy, 5) Assessment limited by climbers
578	Eng Neo Avenue Forest	2020-03-16	EN0577	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	36192.033	24425.561	1.7	17	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Decay on branches, 5) Asymmetric canopy
579	Eng Neo Avenue Forest	2020-03-16	EN0578	*Ficus variegata*	Moraceae	Native	Common	Tree	36202.427	24439.482	1.8	18	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation
580	Eng Neo Avenue Forest	2020-03-16	EN0579	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	36203.95268	24447.81037	1	15	1) Good health, 2) Growing on slope, 3) Assessment limited by climbers
581	Eng Neo Avenue Forest	2020-03-16	EN0580	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36228.27933	24434.456	1.2	16	1) Storm vulnerable, 2) Low retention value
582	Eng Neo Avenue Forest	2020-03-17	EN0581	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	36070.876	24363.212	1.45	18	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Past primary branch failure, 5) Asymmetric canopy
583	Eng Neo Avenue Forest	2020-03-17	EN0582	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36062.033	24368.494	1.55	16	1) Storm vulnerable, 2) Low retention value
584	Eng Neo Avenue Forest	2020-03-17	EN0583	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36073.944	24385.322	1	7	1) Storm vulnerable, 2) Low retention value
585	Eng Neo Avenue Forest	2020-03-17	EN0584	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36096.304	24398.582	1	15	1) Storm vulnerable, 2) Low retention value
586	Eng Neo Avenue Forest	2020-03-17	EN0585	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36102.03	24402.467	1.3	18	1) Storm vulnerable, 2) Low retention value
587	Eng Neo Avenue Forest	2020-03-17	EN0586	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36102.069	24401.558	1.3, 1.5	7, 20	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
588	Eng Neo Avenue Forest	2020-03-17	EN0587	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36108.618	24405.732	1.5	18	1) Storm vulnerable, 2) Low retention value
589	Eng Neo Avenue Forest	2020-03-17	EN0588	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36130.78	24397.45	1.2	6	1) Storm vulnerable, 2) Low retention value
590	Eng Neo Avenue Forest	2020-03-17	EN0589	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36180.783	24400.283	1.2	15	1) Storm vulnerable, 2) Low retention value
591	Eng Neo Avenue Forest	2020-03-17	EN0590	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36180.402	24402.699	1.8	16	1) Storm vulnerable, 2) Low retention value
592	Eng Neo Avenue Forest	2020-03-17	EN0591	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	36198.092	24398.375	1.4	15	1) Good health, 2) No significant defects, 3) Root flare obvious
593	Eng Neo Avenue Forest	2020-03-17	EN0592	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	36197.39	24398.932	1.6	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
594	Eng Neo Avenue Forest	2020-03-17	EN0593	*Litsea elliptica*	Lauraceae	Native	Common	Tree	36210.579	24391.285	1.4	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
595	Eng Neo Avenue Forest	2020-03-17	EN0594	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36199.472	24405.569	1.4	15	1) Average health, 2) Root flare obvious, 3) Minor dieback at canopy, 4) Assessment limited by climbers
596	Eng Neo Avenue Forest	2020-03-17	EN0595	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	36204.094	24418.473	1.8	16	1) Good health, 2) Decay and cavity on primary branch and trunk base, 3) Low retention value
597	Eng Neo Avenue Forest	2020-03-17	EN0596	*Archidendron jiringa*	Fabaceae	Native	Vulnerable	Tree	36194.5	24421.135	0.6	12	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
598	Eng Neo Avenue Forest	2020-03-17	EN0597	*Ficus variegata*	Moraceae	Native	Common	Tree	36194.109	24416.955	3.5	20	1) Average health, 2) No significant defects, 3) Root flare obvious, 4) Seasonal defoliation
599	Eng Neo Avenue Forest	2020-03-17	EN0598	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36192.538	24415.41	1	12	1) Storm vulnerable, 2) Low retention value
600	Eng Neo Avenue Forest	2020-03-17	EN0599	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36178.583	24421.611	1.3	12	1) Storm vulnerable, 2) Low retention value
601	Eng Neo Avenue Forest	2020-03-17	EN0600	*Ficus variegata*	Moraceae	Native	Common	Tree	36182.768	24421.88	1	15	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Assessment limited by climbers
602	Eng Neo Avenue Forest	2020-03-17	EN0601	*Ficus variegata*	Moraceae	Native	Common	Tree	36200.586	24433.941	1.3	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of neighbouring trees
603	Eng Neo Avenue Forest	2020-03-17	EN0602	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36197.728	24445.213	1	12	1) Storm vulnerable, 2) Low retention value
604	Eng Neo Avenue Forest	2020-03-17	EN0603	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36140.093	24423.486	2.4	2.5	1) Storm vulnerable, 2) Low retention value
605	Eng Neo Avenue Forest	2020-03-17	EN0604	*Ficus hispida*	Moraceae	Exotic	Naturalised	Tree	36140.111	24422.664	0.3	5	1) Good health, 2) Assessment limited by climbers
606	Eng Neo Avenue Forest	2020-03-17	EN0605	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36110.991	24479.468	1.5	16	1) Storm vulnerable, 2) Low retention value
607	Eng Neo Avenue Forest	2020-03-17	EN0606	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36119.3	24487.221	1.6	16	1) Storm vulnerable, 2) Low retention value
608	Eng Neo Avenue Forest	2020-03-17	EN0607	*Leucaena leucocephala*	Fabaceae	Exotic	Naturalised	Tree	36115.969	24491.447	1	14	1) Exotic, 2) Low retention value
609	Eng Neo Avenue Forest	2020-03-17	EN0608	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36108.267	24483.867	1.3	16	1) Storm vulnerable, 2) Low retention value
610	Eng Neo Avenue Forest	2020-03-17	EN0609	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36104.627	24495.15	1.5	16	1) Storm vulnerable, 2) Low retention value
611	Eng Neo Avenue Forest	2020-03-17	EN0610	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36100.255	24484.879	1.3	16	1) Storm vulnerable, 2) Low retention value
612	Eng Neo Avenue Forest	2020-03-17	EN0611	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36101.2	24479.748	1.3	16	1) Storm vulnerable, 2) Low retention value
613	Eng Neo Avenue Forest	2020-03-17	EN0612	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36070.159	24447.552	2.2	25	1) Storm vulnerable, 2) Low retention value
614	Eng Neo Avenue Forest	2020-03-17	EN0613	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36071.443	24444.272	1.1	20	1) Storm vulnerable, 2) Low retention value
615	Eng Neo Avenue Forest	2020-03-17	EN0614	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36069.372	24440.514	1.05	16	1) Storm vulnerable, 2) Low retention value
616	Eng Neo Avenue Forest	2020-03-17	EN0615	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36071.945	24434.374	2.6	25	1) Storm vulnerable, 2) Low retention value
617	Eng Neo Avenue Forest	2020-03-17	EN0616	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36080.017	24445.464	1.25	16	1) Storm vulnerable, 2) Low retention value
618	Eng Neo Avenue Forest	2020-03-17	EN0617	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36086.992	24445.616	1.9	16	1) Storm vulnerable, 2) Low retention value
619	Eng Neo Avenue Forest	2020-03-17	EN0618	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36089.847	24440.456	1.6	20	1) Storm vulnerable, 2) Low retention value
620	Eng Neo Avenue Forest	2020-03-17	EN0619	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36094.156	24435.74	3	25	1) Storm vulnerable, 2) Low retention value
621	Eng Neo Avenue Forest	2020-03-17	EN0620	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36093.077	24435.97	1.6	25	1) Storm vulnerable, 2) Low retention value
622	Eng Neo Avenue Forest	2020-03-17	EN0621	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36090	24432.841	1.5	16	1) Storm vulnerable, 2) Low retention value
623	Eng Neo Avenue Forest	2020-03-17	EN0622	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36096.238	24431.297	1.15	20	1) Storm vulnerable, 2) Low retention value
624	Eng Neo Avenue Forest	2020-03-17	EN0623	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36098.838	24428.212	1.3	20	1) Storm vulnerable, 2) Low retention value
625	Eng Neo Avenue Forest	2020-03-17	EN0624	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36100.016	24430.331	1.8	10	1) Good health, 2) No significant defects
626	Eng Neo Avenue Forest	2020-03-17	EN0625	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36105.972	24435.201	2.4	25	1) Storm vulnerable, 2) Low retention value
627	Eng Neo Avenue Forest	2020-03-17	EN0626	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36114.304	24435.277	1.8	14	1) Storm vulnerable, 2) Low retention value
628	Eng Neo Avenue Forest	2020-03-17	EN0627	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36115.894	24434.973	1.6	14	1) Storm vulnerable, 2) Low retention value
629	Eng Neo Avenue Forest	2020-03-17	EN0628	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36111.892	24421.273	1.1	16	1) Storm vulnerable, 2) Low retention value
630	Eng Neo Avenue Forest	2020-03-17	EN0629	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36110.258	24421.469	1.25	16	1) Storm vulnerable, 2) Low retention value, 3) Ficus variegata of 0.8 m girth growing next to it
631	Eng Neo Avenue Forest	2020-03-17	EN0630	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36106.15	24422.592	1.0, 1.4	20	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
632	Eng Neo Avenue Forest	2020-03-17	EN0631	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36092.142	24419.603	1	20	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
633	Eng Neo Avenue Forest	2020-03-17	EN0632	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36086.479	24418.263	1.3, 1.5	18	1) Good health, 2) Asymmetric canopy, 3) U-shaped bifurcation, 4) Crooked trunk for tree of 1.3 m girth, 5) Cluster of two
634	Eng Neo Avenue Forest	2020-03-17	EN0633	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree	36079.325	24424.682	1.2	16	1) Exotic, 2) Low retention value
635	Eng Neo Avenue Forest	2020-03-17	EN0634	*Ficus variegata*	Moraceae	Native	Common	Tree	36074.909	24413.359	2.2	20	1) Good health, 2) Root flare obvious, 3) Growing on slope, 4) Assessment limited by climbers
636	Eng Neo Avenue Forest	2020-03-17	EN0635	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	36071.553	24415.322	1.3	20	1) Storm vulnerable, 2) Low retention value
637	Eng Neo Avenue Forest	2020-03-17	EN0636	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36053.007	24445.433	1	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
638	Eng Neo Avenue Forest	2020-03-18	EN0637	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36048.337	24431.518	2.5	25	1) Storm vulnerable, 2) Low retention value
639	Eng Neo Avenue Forest	2020-03-18	EN0638	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36044.85	24432.39	2.1	20	1) Storm vulnerable, 2) Low retention value
640	Eng Neo Avenue Forest	2020-03-18	EN0639	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36041.728	24469.891	1.5	25	1) Storm vulnerable, 2) Low retention value
641	Eng Neo Avenue Forest	2020-03-18	EN0640	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36026.771	24493.898	2	25	1) Storm vulnerable, 2) Low retention value
642	Eng Neo Avenue Forest	2020-03-18	EN0641	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36016.92	24517.942	1	18	1) Storm vulnerable, 2) Low retention value
643	Eng Neo Avenue Forest	2020-03-18	EN0642	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36021.915	24507.244	2	25	1) Storm vulnerable, 2) Low retention value
644	Eng Neo Avenue Forest	2020-03-18	EN0643	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36027.405	24497.276	1.4	25	1) Storm vulnerable, 2) Low retention value
645	Eng Neo Avenue Forest	2020-03-18	EN0644	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36037.468	24498.224	1.1	20	1) Storm vulnerable, 2) Low retention value
646	Eng Neo Avenue Forest	2020-03-18	EN0645	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36043.562	24475.439	1.6	20	1) Storm vulnerable, 2) Low retention value
647	Eng Neo Avenue Forest	2020-03-18	EN0646	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36047.937	24470.654	1.6, 1.2	20	1) Storm vulnerable, 2) Low retention value
648	Eng Neo Avenue Forest	2020-03-18	EN0647	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36051.372	24463.907	1.5	25	1) Storm vulnerable, 2) Low retention value
649	Eng Neo Avenue Forest	2020-03-18	EN0648	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36056.468	24463.713	1.8	25	1) Storm vulnerable, 2) Low retention value
650	Eng Neo Avenue Forest	2020-03-18	EN0649	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36059.643	24460.477	1.3	16	1) Storm vulnerable, 2) Low retention value
651	Eng Neo Avenue Forest	2020-03-18	EN0650	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36054.523	24487.611	1.3	20	1) Storm vulnerable, 2) Low retention value
652	Eng Neo Avenue Forest	2020-03-18	EN0651	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36052.464	24492.327	1.2	20	1) Storm vulnerable, 2) Low retention value
653	Eng Neo Avenue Forest	2020-03-18	EN0652	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36045.803	24518.814	1.1	25	1) Storm vulnerable, 2) Low retention value
654	Eng Neo Avenue Forest	2020-03-18	EN0653	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36053.035	24514.871	1.4	25	1) Storm vulnerable, 2) Low retention value
655	Eng Neo Avenue Forest	2020-03-18	EN0654	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36051.925	24515.288	1.2	20	1) Storm vulnerable, 2) Low retention value
656	Eng Neo Avenue Forest	2020-03-18	EN0655	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36057.515	24517.286	1.1	18	1) Storm vulnerable, 2) Low retention value
657	Eng Neo Avenue Forest	2020-03-18	EN0656	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36057.336	24518.606	1.2	20	1) Storm vulnerable, 2) Low retention value
658	Eng Neo Avenue Forest	2020-03-18	EN0657	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36058.764	24517.693	1.3	15	1) Storm vulnerable, 2) Low retention value
659	Eng Neo Avenue Forest	2020-03-18	EN0658	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36065.564	24512.504	1.4	25	1) Storm vulnerable, 2) Low retention value
660	Eng Neo Avenue Forest	2020-03-18	EN0659	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36065.671	24501.32	1	18	1) Storm vulnerable, 2) Low retention value
661	Eng Neo Avenue Forest	2020-03-18	EN0660	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36070.491	24498.9	1.1	18	1) Storm vulnerable, 2) Low retention value
662	Eng Neo Avenue Forest	2020-03-18	EN0661	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36073.964	24510.45	1.2	25	1) Storm vulnerable, 2) Low retention value
663	Eng Neo Avenue Forest	2020-03-18	EN0662	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36076.039	24512.3	1.2	22	1) Storm vulnerable, 2) Low retention value
664	Eng Neo Avenue Forest	2020-03-18	EN0663	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36081.018	24506.141	1.9	25	1) Storm vulnerable, 2) Low retention value
665	Eng Neo Avenue Forest	2020-03-18	EN0664	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36084.868	24500.538	1.1	18	1) Storm vulnerable, 2) Low retention value
666	Eng Neo Avenue Forest	2020-03-18	EN0665	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36085.758	24504.814	1.2	22	1) Storm vulnerable, 2) Low retention value
667	Eng Neo Avenue Forest	2020-03-18	EN0666	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36087.102	24504.346	1.2	22	1) Storm vulnerable, 2) Low retention value
668	Eng Neo Avenue Forest	2020-03-18	EN0667	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36085.761	24501.402	1.2	20	1) Storm vulnerable, 2) Low retention value
669	Eng Neo Avenue Forest	2020-03-18	EN0668	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36090.44	24498.622	1.2	16	1) Storm vulnerable, 2) Low retention value
670	Eng Neo Avenue Forest	2020-03-18	EN0669	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36046.013	24541.35	1.2	18	1) Storm vulnerable, 2) Low retention value
671	Eng Neo Avenue Forest	2020-03-18	EN0670	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36054.408	24521.385	1.3	20	1) Storm vulnerable, 2) Low retention value
672	Eng Neo Avenue Forest	2020-03-18	EN0671	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36050.699	24520.803	1.2	20	1) Storm vulnerable, 2) Low retention value
673	Eng Neo Avenue Forest	2020-03-18	EN0672	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36047.208	24522.311	1.1	22	1) Storm vulnerable, 2) Low retention value
674	Eng Neo Avenue Forest	2020-03-18	EN0673	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36047.13	24523.098	1.2	22	1) Storm vulnerable, 2) Low retention value
675	Eng Neo Avenue Forest	2020-03-18	EN0674	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36043.506	24528.971	1.2	25	1) Storm vulnerable, 2) Low retention value
676	Eng Neo Avenue Forest	2020-03-18	EN0675	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36039.256	24528.54	1.3	16	1) Storm vulnerable, 2) Low retention value
677	Eng Neo Avenue Forest	2020-03-18	EN0676	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36035.108	24530.255	1.3	18	1) Storm vulnerable, 2) Low retention value
678	Eng Neo Avenue Forest	2020-03-18	EN0677	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36024.941	24533.125	1.5	25	1) Storm vulnerable, 2) Low retention value
679	Eng Neo Avenue Forest	2020-03-18	EN0678	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36019.264	24533.826	1.5	25	1) Storm vulnerable, 2) Low retention value
680	Eng Neo Avenue Forest	2020-03-18	EN0679	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36016.615	24528.292	1.3	22	1) Storm vulnerable, 2) Low retention value
681	Eng Neo Avenue Forest	2020-03-18	EN0680	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36014.715	24527.417	2.5	25	1) Storm vulnerable, 2) Low retention value
682	Eng Neo Avenue Forest	2020-03-18	EN0681	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36012.772	24533.176	1.5	25	1) Storm vulnerable, 2) Low retention value
683	Eng Neo Avenue Forest	2020-03-18	EN0682	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36014.472	24535.878	1.4	25	1) Storm vulnerable, 2) Low retention value
684	Eng Neo Avenue Forest	2020-03-18	EN0683	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36016.354	24538.416	1.1	22	1) Storm vulnerable, 2) Low retention value
685	Eng Neo Avenue Forest	2020-03-18	EN0684	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36016.342	24540.817	1	18	1) Storm vulnerable, 2) Low retention value
686	Eng Neo Avenue Forest	2020-03-18	EN0685	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36013.271	24541.264	2.1	25	1) Storm vulnerable, 2) Low retention value
687	Eng Neo Avenue Forest	2020-03-18	EN0686	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36012.783	24540.956	1.2	20	1) Storm vulnerable, 2) Low retention value
688	Eng Neo Avenue Forest	2020-03-18	EN0687	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35991.347	24554.952	1.3	18	1) Storm vulnerable, 2) Low retention value
689	Eng Neo Avenue Forest	2020-03-18	EN0688	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35990.536	24535.494	1.5	22	1) Storm vulnerable, 2) Low retention value
690	Eng Neo Avenue Forest	2020-03-18	EN0689	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35972.59	24539.629	2.5	20	1) Storm vulnerable, 2) Low retention value
691	Eng Neo Avenue Forest	2020-03-18	EN0690	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35973.328	24534.973	1.8	20	1) Storm vulnerable, 2) Low retention value
692	Eng Neo Avenue Forest	2020-03-18	EN0691	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35957.373	24541.149	2	25	1) Storm vulnerable, 2) Low retention value
693	Eng Neo Avenue Forest	2020-03-18	EN0692	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35978.146	24532.699	2	25	1) Storm vulnerable, 2) Low retention value
694	Eng Neo Avenue Forest	2020-03-18	EN0693	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35992.498	24522.354	2.5	25	1) Storm vulnerable, 2) Low retention value
695	Eng Neo Avenue Forest	2020-03-18	EN0694	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35995.55	24523.411	2.2	10	1) Good health, 2) No significant defects
696	Eng Neo Avenue Forest	2020-03-18	EN0695	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36001.186	24513.119	1.2	6	1) Storm vulnerable, 2) Low retention value
697	Eng Neo Avenue Forest	2020-03-19	EN0696	*Gnetum gnemon var. gnemon*	Gnetaceae	Native	Critically Endangered	Tree	35739.473	24774.712	1.1	12	1) Good health, 2) Assessment limited by climbers, 3) Low V-shaped bifurcation
698	Eng Neo Avenue Forest	2020-03-19	EN0697	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	35734.212	24780.012	1.1	16	1) Good health, 2) Assessment limited by climbers
699	Eng Neo Avenue Forest	2020-03-19	EN0698	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35733.195	24778.93	2.8	25	1) Storm vulnerable, 2) Low retention value
700	Eng Neo Avenue Forest	2020-03-19	EN0699	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35737.603	24788.439	1.1	8	1) Good health, 2) Assessment limited by climbers, 3) Self corrected lean towards Southwest
701	Eng Neo Avenue Forest	2020-03-19	EN0700	*Ficus variegata*	Moraceae	Native	Common	Tree	35737.826	24786.943	1.3	18	1) Average health, 2) No significant defects, 3) Root flare obvious, 4) Seasonal defoliation
702	Eng Neo Avenue Forest	2020-03-19	EN0701	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35738.482	24791.662	2.2	25	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
703	Eng Neo Avenue Forest	2020-03-19	EN0702	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35737.762	24793.325	1.6	25	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
704	Eng Neo Avenue Forest	2020-03-19	EN0703	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree	35746.261	24796.602	1.7	22	1) Good health, 2) Root flare obvious, 3) No significant defects
705	Eng Neo Avenue Forest	2020-03-19	EN0704	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35761.33	24792.258	3.5	25	1) Storm vulnerable, 2) Low retention value
706	Eng Neo Avenue Forest	2020-03-19	EN0705	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35777.986	24788.24	2.8	25	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
707	Eng Neo Avenue Forest	2020-03-19	EN0706	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35791.995	24796.249	1.5	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
708	Eng Neo Avenue Forest	2020-03-19	EN0707	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	35794.15	24804.843	0.5	6	1) Good health, 2) Assessment limited by climbers
709	Eng Neo Avenue Forest	2020-03-19	EN0708	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35804.518	24828.225	1.8	15	1) Storm vulnerable, 2) Low retention value
710	Eng Neo Avenue Forest	2020-03-19	EN0709	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35807.472	24830.834	1	12	1) Storm vulnerable, 2) Low retention value
711	Eng Neo Avenue Forest	2020-03-19	EN0710	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35810.766	24827.514	1.05	18	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
712	Eng Neo Avenue Forest	2020-03-19	EN0711	*Ficus hispida*	Moraceae	Exotic	Naturalised	Tree	35811.386	24821.205	0.4	6	1) Good health, 2) Extensive decay on trunk, 3) Low retention value
713	Eng Neo Avenue Forest	2020-03-19	EN0712	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35815.258	24813.799	1.2	15	1) Storm vulnerable, 2) Low retention value
714	Eng Neo Avenue Forest	2020-03-19	EN0713	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35814.157	24809.122	1.8	20	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Assessment limited by climbers
715	Eng Neo Avenue Forest	2020-03-19	EN0714	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35812.905	24797.038	1.1	15	1) Good health, 2) Root flare obvious, 3) Roots partially exposed because of soil erosion
716	Eng Neo Avenue Forest	2020-03-19	EN0715	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35814.272	24796.308	1.1	15	1) Good health, 2) Root flare obvious, 3) Roots partially exposed because of soil erosion, 4) Assessment limited by climbers
717	Eng Neo Avenue Forest	2020-03-19	EN0716	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35814.959	24795.368	1.1	16	1) Good health, 2) Root flare obvious, 3) Roots partially exposed because of soil erosion, 4) U-shaped bifurcation, 5) Asymmetric canopy
718	Eng Neo Avenue Forest	2020-03-19	EN0717	*Ficus hispida*	Moraceae	Exotic	Naturalised	Tree	35822.686	24804.572	0.6	6	1) Average health, 2) Root flare obvious, 3) Leaves seem to be infested by caterpillars
719	Eng Neo Avenue Forest	2020-03-19	EN0718	*Ficus hispida*	Moraceae	Exotic	Naturalised	Tree	35827.546	24809.296	0.4-0.8	6	1) Good health, 2) Leaning Northeast, 3) Cluster of four
720	Eng Neo Avenue Forest	2020-03-19	EN0719	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35841.361	24792.629	1.1	15	1) Storm vulnerable, 2) Low retention value
721	Eng Neo Avenue Forest	2020-03-19	EN0720	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	35790.021	24772.915	1.1	15	1) Good health, 2) Assessment limited by climbers
722	Eng Neo Avenue Forest	2020-03-19	EN0721	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35801.404	24766.33	2.4	6	1) Storm vulnerable, 2) Low retention value
723	Eng Neo Avenue Forest	2020-03-19	EN0722	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35801.353	24765.576	4.5	25	1) Storm vulnerable, 2) Low retention value
724	Eng Neo Avenue Forest	2020-03-19	EN0723	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35800.034	24750.294	1	8	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers, 4) V-shaped bifurcation, 5) Asymmetric canopy
725	Eng Neo Avenue Forest	2020-03-19	EN0724	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35801.653	24744.317	1.3	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers, 4) Past branch failure, 5) Asymmetric canopy
726	Eng Neo Avenue Forest	2020-03-24	EN0725	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35813.981	24723.189	2.3	20	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
727	Eng Neo Avenue Forest	2020-03-24	EN0726	*Ficus variegata*	Moraceae	Native	Common	Tree	35818.029	24721.985	2.1	20	1) Average health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
728	Eng Neo Avenue Forest	2020-03-24	EN0727	*Ficus variegata*	Moraceae	Native	Common	Tree	35817.868	24719.934	2.1	18	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
729	Eng Neo Avenue Forest	2020-03-24	EN0728	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35818.487	24707.469	1	12	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
730	Eng Neo Avenue Forest	2020-03-24	EN0729	*Dimocarpus longan ssp. malesianus*	Sapindaceae	Exotic	Casual	Tree	35824.185	24692.715	1.6	14	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Assessment limited by climbers
731	Eng Neo Avenue Forest	2020-03-24	EN0730	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35849.796	24679.066	3	25	1) Storm vulnerable, 2) Low retention value
732	Eng Neo Avenue Forest	2020-03-24	EN0731	*Ficus variegata*	Moraceae	Native	Common	Tree	35860.866	24694.996	1.2	18	1) Good health, 2) No significant defects, 3) Root flare obvious
733	Eng Neo Avenue Forest	2020-03-24	EN0732	*Ficus variegata*	Moraceae	Native	Common	Tree	35855.55	24698.014	1	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
734	Eng Neo Avenue Forest	2020-03-24	EN0733	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35849.989	24700.718	1.5	16	1) Average health, 2) Root flare obvious, 3) Assessment limited by climbers
735	Eng Neo Avenue Forest	2020-03-24	EN0734	*Ficus variegata*	Moraceae	Native	Common	Tree	35854.201	24704.427	1.4	14	1) Average health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
736	Eng Neo Avenue Forest	2020-03-24	EN0735	*Ficus variegata*	Moraceae	Native	Common	Tree	35863.23	24697.752	1.2	20	1) Average health, 2) Root flare obvious, 3) Assessment limited by climbers
737	Eng Neo Avenue Forest	2020-03-24	EN0736	*Ficus variegata*	Moraceae	Native	Common	Tree	35862.559	24705.7	1	18	1) Average health, 2) Root flare obvious, 3) Assessment limited by climbers
738	Eng Neo Avenue Forest	2020-03-24	EN0737	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35860.055	24708.662	1.2	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
739	Eng Neo Avenue Forest	2020-03-24	EN0738	*Ficus variegata*	Moraceae	Native	Common	Tree	35845.206	24709.636	1.4	18	1) Average health, 2) Root flare obvious, 3) Assessment limited by climbers
740	Eng Neo Avenue Forest	2020-03-24	EN0739	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35863.362	24720.895	2	16	1) Storm vulnerable, 2) Low retention value
741	Eng Neo Avenue Forest	2020-03-24	EN0740	*Ficus variegata*	Moraceae	Native	Common	Tree	35839.471	24783.458	1	14	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) No significant defects
742	Eng Neo Avenue Forest	2020-03-25	EN0741	*Ficus variegata*	Moraceae	Native	Common	Tree	35978.86	24677.051	1.1	13	1) Good health, 2) Low V-shaped bifurcation, 3) Growing on slope
743	Eng Neo Avenue Forest	2020-03-25	EN0742	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35985.372	24667.5	1.1	15	1) Storm vulnerable, 2) Low retention value
744	Eng Neo Avenue Forest	2020-03-25	EN0743	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35988.729	24662.572	1.2	10	1) Storm vulnerable, 2) Low retention value
745	Eng Neo Avenue Forest	2020-03-25	EN0744	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35995.978	24654.387	1.5	13	1) Storm vulnerable, 2) Low retention value
746	Eng Neo Avenue Forest	2020-03-25	EN0745	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36000.527	24640.963	1.5	16	1) Storm vulnerable, 2) Low retention value
747	Eng Neo Avenue Forest	2020-03-25	EN0745A	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36010.091	24643.295	1.2	14	1) Storm vulnerable, 2) Low retention value, 3) Inaccessible, 4) Tree is northeast of waypoint
748	Eng Neo Avenue Forest	2020-03-25	EN0746	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36010.102	24616.531	2.2	12	1) Storm vulnerable, 2) Low retention value
749	Eng Neo Avenue Forest	2020-03-25	EN0747	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36032.146	24604.402	1.8	13	1) Storm vulnerable, 2) Low retention value
750	Eng Neo Avenue Forest	2020-03-25	EN0748	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36035.417	24594.803	1	12	1) Storm vulnerable, 2) Low retention value
751	Eng Neo Avenue Forest	2020-03-25	EN0749	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36045.19	24594.885	1.7	13	1) Storm vulnerable, 2) Low retention value
752	Eng Neo Avenue Forest	2020-03-25	EN0750	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36047.317	24592.254	1	12	1) Storm vulnerable, 2) Low retention value
753	Eng Neo Avenue Forest	2020-03-25	EN0751	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36053.673	24586.393	1.2	12	1) Storm vulnerable, 2) Low retention value
754	Eng Neo Avenue Forest	2020-03-25	EN0752	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36048.127	24583.126	1	11	1) Storm vulnerable, 2) Low retention value
755	Eng Neo Avenue Forest	2020-03-25	EN0753	*Syzygium grande*	Myrtaceae	Native	Common	Tree	36080.655	24564.696	2.8	15	1) Good health, 2) U-shaped bifurcation, 3) Assessment limited by climbers
756	Eng Neo Avenue Forest	2020-03-25	EN0754	*Syzygium grande*	Myrtaceae	Native	Common	Tree	36074.902	24565.76	1.1	11	1) Storm vulnerable, 2) Low retention value
757	Eng Neo Avenue Forest	2020-03-25	EN0755	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36078.113	24563.251	1.1	14	1) Storm vulnerable, 2) Low retention value
758	Eng Neo Avenue Forest	2020-03-25	EN0756	*Ficus variegata*	Moraceae	Native	Common	Tree	36079.643	24552.677	1.1	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
759	Eng Neo Avenue Forest	2020-03-25	EN0757	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36098.001	24554.412	1.3	12	1) Storm vulnerable, 2) Low retention value
760	Eng Neo Avenue Forest	2020-03-25	EN0758	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36133.7	24527.404	1	14	1) Storm vulnerable, 2) Low retention value
761	Eng Neo Avenue Forest	2020-03-25	EN0759	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36106.748	24536.461	1.1	12	1) Good health, 2) No significant defects, 3) Root flare obvious
762	Eng Neo Avenue Forest	2020-03-25	EN0760	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	36102.582	24534.303	1	8	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
763	Eng Neo Avenue Forest	2020-03-25	EN0761	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	36096.728	24529.561	1.6	10	1) Good health, 2) Low V-shaped bifurcation 3) Growing next to EN0762
764	Eng Neo Avenue Forest	2020-03-25	EN0762	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36098.415	24532.533	1.8	8	1) Good health, 2) No significant defects
765	Eng Neo Avenue Forest	2020-03-25	EN0763	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36095.047	24529.369	1.8	20	1) Storm vulnerable, 2) Low retention value
766	Eng Neo Avenue Forest	2020-03-25	EN0764	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36089.436	24531.751	1.5	18	1) Storm vulnerable, 2) Low retention value
767	Eng Neo Avenue Forest	2020-03-25	EN0765	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	36097.022	24540.212	1.1	10	1) Average health, 2) Decay on primary branch, 3) Strangled by climbers
768	Eng Neo Avenue Forest	2020-03-25	EN0766	*Ficus variegata*	Moraceae	Native	Common	Tree	36078.669	24530.043	2.5	20	1) Good health, 2) Root flare obvious, 3) Decay on primary branch, 4) V-shaped bifurcation
769	Eng Neo Avenue Forest	2020-03-25	EN0767	*Ficus variegata*	Moraceae	Native	Common	Tree	36077.048	24537.037	1.3	16	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
770	Eng Neo Avenue Forest	2020-03-25	EN0768	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	36069.048	24542.329	1.2	8	1) Good health, 2) U-shaped bifurcation, 3) Self-corrected lean towards West, 4) Assessment limited by fallen logs and climbers
771	Eng Neo Avenue Forest	2020-03-25	EN0769	*Ficus variegata*	Moraceae	Native	Common	Tree	36073.827	24551.995	1.2	12	1) Good health, 2) V-shaped bifurcation with bulge
772	Eng Neo Avenue Forest	2020-03-25	EN0770	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36068.217	24551.721	1	12	1) Good health, 2) Assessment limited by climbers
773	Eng Neo Avenue Forest	2020-03-25	EN0771	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36050.072	24553.737	1.5	12	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by climbers
774	Eng Neo Avenue Forest	2020-03-25	EN0772	*Artocarpus integer*	Moraceae	Exotic	Casual	Tree	36046.458	24552.845	1.2	12	1) Good health, 2) V-shaped bifurcation with bulge, 3) Assessment limited by climbers
775	Eng Neo Avenue Forest	2020-03-25	EN0773	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	36049.847	24556.84	2	17	1) Good health, 2) No significant defects
776	Eng Neo Avenue Forest	2020-03-25	EN0774	*Artocarpus integer*	Moraceae	Exotic	Casual	Tree	36044.058	24559.304	1.2	14	1) Good health, 2) Pocket decay on trunk, 3) Assessment limited by climbers
777	Eng Neo Avenue Forest	2020-03-25	EN0775	*Ficus variegata*	Moraceae	Native	Common	Tree	36051.986	24568.539	2	17	1) Good health, 2) Root flare obvious , 3) Assessment limited by climbers
778	Eng Neo Avenue Forest	2020-03-25	EN0776	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	36045.43	24568.11	1.8	18	1) Good health, 2) Root flare obvious , 3) Assessment limited by climbers
779	Eng Neo Avenue Forest	2020-03-25	EN0777	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	36034.434	24557.401	1.8	16	1) Good health, 2) Root flare obvious , 3) Assessment limited by climbers
780	Eng Neo Avenue Forest	2020-03-25	EN0778	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree	36031.118	24565.758	1	16	1) Good health, 2) No significant defects, 3) Root flare obvious
781	Eng Neo Avenue Forest	2020-03-25	EN0779	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	36024.339	24564.152	2.8	20	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation, 4) Assessment limited by climbers
782	Eng Neo Avenue Forest	2020-03-25	EN0780	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	36020.089	24567.615	1.2	10	1) Good health, 2) Assessment limited by climbers
783	Eng Neo Avenue Forest	2020-03-25	EN0781	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36023.018	24569.447	0.3	5	1) Good health, 2) No significant defects
784	Eng Neo Avenue Forest	2020-03-25	EN0782	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	36013.753	24571.464	1.3	20	1) Good health, 2) No significant defects , 3) Root flare obvious
785	Eng Neo Avenue Forest	2020-03-25	EN0783	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36009.661	24571.38	0.5	5	1) Good health, 2) Self-corrected lean towards South
786	Eng Neo Avenue Forest	2020-03-25	EN0784	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36010.916	24573.921	0.4	6	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
787	Eng Neo Avenue Forest	2020-03-25	EN0785	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36008.241	24579.035	1.8	25	1) Storm vulnerable, 2) Low retention value
788	Eng Neo Avenue Forest	2020-03-25	EN0786	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree	36031.938	24580.569	3.7	25	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation, 4) Growing on slope
789	Eng Neo Avenue Forest	2020-03-25	EN0787	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	36022.959	24585.333	1.2	18	1) Good health, 2) No significant defects , 3) Root flare obvious, 4) Growing on slope
790	Eng Neo Avenue Forest	2020-03-25	EN0788	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36015.411	24595.896	0.7	7	1) Good health, 2) Asymmetrical lean towards Southwest, 3) Assessment limited by climbers

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
791	Eng Neo Avenue Forest	2020-03-25	EN0789	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36014.346	24597.003	1.6	11	1) Good health, 2) No significant defects
792	Eng Neo Avenue Forest	2020-03-25	EN0790	*Ficus variegata*	Moraceae	Native	Common	Tree	36011.494	24604.105	1.8	18	1) Good health, 2) Root flare obvious, 3) Growing on slope, 4) Assessment limited by climbers
793	Eng Neo Avenue Forest	2020-03-25	EN0791	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36013.15	24599.093	0.8	8	1) Good health, 2) No significant defects, 3) Root flare obvious
794	Eng Neo Avenue Forest	2020-03-25	EN0792	*Symplocos fasciculata*	Symplocaceae	Native	Vulnerable	Tree	36003.692	24595.635	0.8	5	1) Good health, 2) Trunk failure from shear crack, 3) Past canopy failure, 4) Low retention value
795	Eng Neo Avenue Forest	2020-03-25	EN0793	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36004.193	24587.251	1.3	12	1) Good health, 2) No significant defects, 3) Root flare obvious
796	Eng Neo Avenue Forest	2020-03-25	EN0794	*Ficus variegata*	Moraceae	Native	Common	Tree	35999.92	24582.708	1.1	18	1) Good health, 2) No significant defects, 3) Root flare obvious
797	Eng Neo Avenue Forest	2020-03-25	EN0795	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35997.523	24580.185	1.4	18	1) Storm vulnerable, 2) Low retention value
798	Eng Neo Avenue Forest	2020-03-25	EN0796	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35991.492	24583.321	1.3	18	1) Storm vulnerable, 2) Low retention value
799	Eng Neo Avenue Forest	2020-03-25	EN0797	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35983.626	24581.639	1.6	25	1) Storm vulnerable, 2) Low retention value
800	Eng Neo Avenue Forest	2020-03-25	EN0798	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35975.795	24580.754	1.8	25	1) Storm vulnerable, 2) Low retention value
801	Eng Neo Avenue Forest	2020-03-25	EN0799	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35975.387	24586.035	3	25	1) Storm vulnerable, 2) Low retention value
802	Eng Neo Avenue Forest	2020-03-25	EN0800	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35989.502	24594.837	1.1	15	1) Good health, 2) No significant defects, 3) Root flare obvious
803	Eng Neo Avenue Forest	2020-03-19	EN0801	*Ficus variegata*	Moraceae	Native	Common	Tree	35618.399	24906.358	1.1	12	1) Good health, 2) No significant defects, 3) Growing on slope
804	Eng Neo Avenue Forest	2020-03-19	EN0802	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35627.085	24901.531	1.4	12	1) Good health, 2) Standing on slope, 3) Poor form
805	Eng Neo Avenue Forest	2020-03-19	EN0803	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35629.52	24904.637	1.1	12	1) Good health, 2) Leaning 20° Southeast
806	Eng Neo Avenue Forest	2020-03-19	EN0804	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35626.385	24909.006	1.4	12	1) Good health, 2) 2) Standing on slope, 3) No significant defects
807	Eng Neo Avenue Forest	2020-03-19	EN0805	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35632.193	24912.136	1.4	12	1) Good health, 2) Leaning 30° Southeast
808	Eng Neo Avenue Forest	2020-03-19	EN0806	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35636.417	24913.721	1.4	12	1) Good health, 2) Low bifurcation
809	Eng Neo Avenue Forest	2020-03-19	EN0807	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35633.708	24910.506	1.3	12	1) Good health, 2) No significant defects, 3) Root flare obvious
810	Eng Neo Avenue Forest	2020-03-19	EN0808	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35645.208	24922.72	1.9	12	1) Storm vulnerable, 2) Low retention value
811	Eng Neo Avenue Forest	2020-03-19	EN0809	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35643.395	24924.567	1.2	12	1) Good health, 2) No significant defects, 3) Root flare obvious
812	Eng Neo Avenue Forest	2020-03-19	EN0810	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35644.795	24926.497	1.5	12	1) Good health, 2) No significant defects, 3) Root flare obvious
813	Eng Neo Avenue Forest	2020-03-19	EN0811	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35657.888	24924.534	2.1	18	1) Storm vulnerable, 2) Low retention value
814	Eng Neo Avenue Forest	2020-03-19	EN0812	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35665.644	24936.34	1.5	10	1) Good health, 2) Root flare obvious
815	Eng Neo Avenue Forest	2020-03-19	EN0813	*Hopea odorata*	Dipterocarpaceae	Exotic	Cultivated Only	Tree	35673.322	24944.034	2	15	1) Good health, 2) No significant defects, 3) Root flare obvious
816	Eng Neo Avenue Forest	2020-03-19	EN0814	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35687.855	24938.63	1	10	1) Good health, 2) No significant defects, 3) V-shape bifurcation with included bark
817	Eng Neo Avenue Forest	2020-03-19	EN0815	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35695.424	24941.544	1.1	15	1) Storm vulnerable, 2) Low retention value
818	Eng Neo Avenue Forest	2020-03-19	EN0816	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35695.63	24926.935	1.2	12	1) Storm vulnerable, 2) Low retention value
819	Eng Neo Avenue Forest	2020-03-19	EN0817	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35708.796	24930.064	1.9	18	1) Storm vulnerable, 2) Low retention value
820	Eng Neo Avenue Forest	2020-03-19	EN0818	*Hopea odorata*	Dipterocarpaceae	Exotic	Cultivated Only	Tree	35707.283	24935.608	1.6	18	1) Good health, 2) Assessment limited by climbers
821	Eng Neo Avenue Forest	2020-03-19	EN0819	*Ficus variegata*	Moraceae	Native	Common	Tree	35658.898	24912.881	1.3	15	1) Good health, 2) No significant defects
822	Eng Neo Avenue Forest	2020-03-19	EN0820	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35655.878	24908.546	1.2	15	1) Good health, 2) No significant defects
823	Eng Neo Avenue Forest	2020-03-19	EN0821	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35651.034	24904.858	1.3	15	1) Poor health, 2) Irreversible decline, 3) Low retention
824	Eng Neo Avenue Forest	2020-03-19	EN0822	*Dimocarpus longan* ssp. *malesianus*	Sapindaceae	Exotic	Casual	Tree	35704.305	24891.463	1	10	1) Assessment limited by climbers
825	Eng Neo Avenue Forest	2020-03-19	EN0823	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	35724.452	24884.278	1.1	12	1) Good health, 2) Assessment limited by epiphytes and climbers
826	Eng Neo Avenue Forest	2020-03-19	EN0824	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35721.86	24880.473	2.8	15	1) Good health, 2) Assessment limited by epiphytes and climbers
827	Eng Neo Avenue Forest	2020-03-19	EN0825	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35736.005	24874.648	1.6	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by undergrowth
828	Eng Neo Avenue Forest	2020-03-19	EN0826	*Ficus variegata*	Moraceae	Native	Common	Tree	35740.183	24878.415	1.1	18	1) Good health, 2) No significant defects
829	Eng Neo Avenue Forest	2020-03-19	EN0827	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35752.714	24888.146	1.1	12	1) Storm vulnerable, 2) Low retention value
830	Eng Neo Avenue Forest	2020-03-19	EN0828	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35745.473	24895.364	1.5	18	1) Storm vulnerable, 2) Low retention value
831	Eng Neo Avenue Forest	2020-03-19	EN0829	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35735.986	24908.29	1.2	12	1) Storm vulnerable, 2) Low retention value
832	Eng Neo Avenue Forest	2020-03-19	EN0830	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35749.302	24869.632	1.7	15	1) Storm vulnerable, 2) Low retention value
833	Eng Neo Avenue Forest	2020-03-19	EN0831	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35739.861	24846.207	1.1	12	1) Good health, 2) Root flare obvious
834	Eng Neo Avenue Forest	2020-03-19	EN0832	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35744.785	24829.616	1.3	15	1) Root flare obvious, 2) Assessment of canopy limited
835	Eng Neo Avenue Forest	2020-03-19	EN0833	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35748.748	24828.867	1.1	10	1) Good health, 2) No significant defects, 3) Root flare obvious
836	Eng Neo Avenue Forest	2020-03-19	EN0834	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35751.176	24828.563	1.1	12	1) Good health, 2) No significant defects, 3) Root flare obvious
837	Eng Neo Avenue Forest	2020-03-19	EN0835	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35771.071	24836.387	1.2	10	1) Good health, 2) No significant defects
838	Eng Neo Avenue Forest	2020-03-19	EN0836	*Ficus variegata*	Moraceae	Native	Common	Tree	35765.218	24852.203	1.2	10	1) Good health, 2) No significant defects
839	Eng Neo Avenue Forest	2020-03-19	EN0837	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35774.69	24853.482	2	8	1) Good health
840	Eng Neo Avenue Forest	2020-03-19	EN0838	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35778.122	24860.264	1.2	10	1) Storm vulnerable, 2) Low retention value
841	Eng Neo Avenue Forest	2020-03-19	EN0839	*Ficus variegata*	Moraceae	Native	Common	Tree	35781.451	24855.006	1	10	1) Good health, 2) Root flare obvious, 3) Assessment of bifurcation limited by climbers
842	Eng Neo Avenue Forest	2020-03-19	EN0840	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35781.117	24832.752	1.4	12	1) Good health, 2) Root flare obvious, 3) Assessment of canopy limited
843	Eng Neo Avenue Forest	2020-03-19	EN0841	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35782.335	24832.882	1.2	12	1) Good health, 2) Root flare obvious, 3) Assessment of canopy limited
844	Eng Neo Avenue Forest	2020-03-19	EN0842	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35788.37	24833.477	1.2	12	1) Good health, 2) Assessment limited, 3) Leaning 20° Northeast
845	Eng Neo Avenue Forest	2020-03-19	EN0843	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35789.006	24837.75	1.5	15	1) Good health, 2) No significant defects
846	Eng Neo Avenue Forest	2020-03-19	EN0844	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35787.635	24827.982	1.1	12	1) Good health, 2) No significant defects
847	Eng Neo Avenue Forest	2020-03-19	EN0845	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35782.135	24821.63	1.1	12	1) Average health, 2) Root flare obvious
848	Eng Neo Avenue Forest	2020-03-24	EN0846	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35908.616	24698.745	1	10	1) Storm vulnerable, 2) Low retention value
849	Eng Neo Avenue Forest	2020-03-24	EN0847	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35904.252	24697.205	2.5	25	1) Storm vulnerable, 2) Low retention value
850	Eng Neo Avenue Forest	2020-03-24	EN0848	*Ficus variegata*	Moraceae	Native	Common	Tree	35901.772	24694.191	1.2	15	1) Good health, 2) No significant defects, 3) Root flare obvious
851	Eng Neo Avenue Forest	2020-03-24	EN0849	*Ficus variegata*	Moraceae	Native	Common	Tree	35901.156	24693.883	1	15	1) Good health, 2) No significant defects
852	Eng Neo Avenue Forest	2020-03-24	EN0850	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35892.918	24671.912	2.6	25	1) Storm vulnerable, 2) Low retention value
853	Eng Neo Avenue Forest	2020-03-24	EN0851	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35892.925	24671.326	1	15	1) Storm vulnerable, 2) Low retention value
854	Eng Neo Avenue Forest	2020-03-24	EN0852	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35892.566	24670.864	1.5	20	1) Storm vulnerable, 2) Low retention value
855	Eng Neo Avenue Forest	2020-03-24	EN0853	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35889.982	24665.695	1.5	20	1) Storm vulnerable, 2) Low retention value
856	Eng Neo Avenue Forest	2020-03-24	EN0854	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35889.839	24665.733	1	20	1) Storm vulnerable, 2) Low retention value
857	Eng Neo Avenue Forest	2020-03-24	EN0855	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35889.582	24666.925	1	20	1) Storm vulnerable, 2) Low retention value
858	Eng Neo Avenue Forest	2020-03-24	EN0856	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35889.068	24667.488	1.3	25	1) Storm vulnerable, 2) Low retention value
859	Eng Neo Avenue Forest	2020-03-24	EN0857	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35883.774	24666.797	1.5	25	1) Storm vulnerable, 2) Low retention value
860	Eng Neo Avenue Forest	2020-03-24	EN0858	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35885.597	24664.096	1	20	1) Storm vulnerable, 2) Low retention value
861	Eng Neo Avenue Forest	2020-03-24	EN0859	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35884.124	24664.509	1.2	25	1) Storm vulnerable, 2) Low retention value
862	Eng Neo Avenue Forest	2020-03-24	EN0860	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35880.912	24663.979	1.3	25	1) Storm vulnerable, 2) Low retention value
863	Eng Neo Avenue Forest	2020-03-24	EN0861	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35880.928	24661.233	1.5	25	1) Storm vulnerable, 2) Low retention value
864	Eng Neo Avenue Forest	2020-03-24	EN0862	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35879.832	24660.86	1.5	25	1) Storm vulnerable, 2) Low retention value
865	Eng Neo Avenue Forest	2020-03-24	EN0863	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35877.912	24656.211	1.8	25	1) Storm vulnerable, 2) Low retention value
866	Eng Neo Avenue Forest	2020-03-24	EN0864	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35878.026	24655.761	1.6	20	1) Storm vulnerable, 2) Low retention value
867	Eng Neo Avenue Forest	2020-03-24	EN0865	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35878.298	24656.009	1.3	25	1) Storm vulnerable, 2) Low retention value
868	Eng Neo Avenue Forest	2020-03-24	EN0866	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35878.667	24656.125	1.4	25	1) Storm vulnerable, 2) Low retention value
869	Eng Neo Avenue Forest	2020-03-24	EN0867	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35886.629	24657.282	1.7	25	1) Storm vulnerable, 2) Low retention value

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
870	Eng Neo Avenue Forest	2020-03-24	EN0868	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35888.559	24656.705	2	25	1) Storm vulnerable, 2) Low retention value
871	Eng Neo Avenue Forest	2020-03-24	EN0869	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35882.926	24648.994	1.3	20	1) Storm vulnerable, 2) Low retention value
872	Eng Neo Avenue Forest	2020-03-24	EN0870	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35876.517	24650.256	1.8	22	1) Storm vulnerable, 2) Low retention value
873	Eng Neo Avenue Forest	2020-03-24	EN0871	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35871.765	24647.866	1	25	1) Storm vulnerable, 2) Low retention value
874	Eng Neo Avenue Forest	2020-03-24	EN0872	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35872.535	24648.79	1.2	25	1) Storm vulnerable, 2) Low retention value
875	Eng Neo Avenue Forest	2020-03-24	EN0873	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35875.176	24642.848	1.5	25	1) Storm vulnerable, 2) Low retention value
876	Eng Neo Avenue Forest	2020-03-24	EN0874	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35878.398	24630.782	1.2	20	1) Storm vulnerable, 2) Low retention value
877	Eng Neo Avenue Forest	2020-03-24	EN0875	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35880.2	24632.102	1.6	25	1) Storm vulnerable, 2) Low retention value
878	Eng Neo Avenue Forest	2020-03-24	EN0876	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35879.875	24630.665	1.3	25	1) Storm vulnerable, 2) Low retention value
879	Eng Neo Avenue Forest	2020-03-24	EN0877	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35890.535	24636.871	1.2	25	1) Storm vulnerable, 2) Low retention value
880	Eng Neo Avenue Forest	2020-03-24	EN0878	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35896.012	24639.085	1.8	25	1) Storm vulnerable, 2) Low retention value
881	Eng Neo Avenue Forest	2020-03-24	EN0879	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35910.203	24642.238	1.2	25	1) Storm vulnerable, 2) Low retention value
882	Eng Neo Avenue Forest	2020-03-24	EN0880	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35910.766	24642.473	1.6	25	1) Storm vulnerable, 2) Low retention value
883	Eng Neo Avenue Forest	2020-03-24	EN0881	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35917.647	24635.016	1.8	25	1) Storm vulnerable, 2) Low retention value
884	Eng Neo Avenue Forest	2020-03-24	EN0882	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35902.602	24629.496	1.3	25	1) Storm vulnerable, 2) Low retention value
885	Eng Neo Avenue Forest	2020-03-24	EN0883	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35905.621	24624.469	1.3	25	1) Storm vulnerable, 2) Low retention value
886	Eng Neo Avenue Forest	2020-03-24	EN0884	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35905.984	24621.438	1.9	25	1) Storm vulnerable, 2) Low retention value
887	Eng Neo Avenue Forest	2020-03-24	EN0885	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35907.655	24620.194	1.1	25	1) Storm vulnerable, 2) Low retention value
888	Eng Neo Avenue Forest	2020-03-24	EN0886	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35908.183	24620.203	1.7	25	1) Storm vulnerable, 2) Low retention value
889	Eng Neo Avenue Forest	2020-03-24	EN0887	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35908.24	24620.006	1.2	25	1) Storm vulnerable, 2) Low retention value
890	Eng Neo Avenue Forest	2020-03-24	EN0888	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35907.991	24615.065	2.3	25	1) Storm vulnerable, 2) Low retention value
891	Eng Neo Avenue Forest	2020-03-24	EN0889	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35906.303	24601.597	1.2	25	1) Storm vulnerable, 2) Low retention value
892	Eng Neo Avenue Forest	2020-03-24	EN0890	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35914.002	24601.531	1.7	25	1) Storm vulnerable, 2) Low retention value
893	Eng Neo Avenue Forest	2020-03-24	EN0891	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35920.641	24644.7	1.1	25	1) Storm vulnerable, 2) Low retention value
894	Eng Neo Avenue Forest	2020-03-24	EN0892	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35920.619	24645.079	1.3	25	1) Storm vulnerable, 2) Low retention value
895	Eng Neo Avenue Forest	2020-03-24	EN0893	*Ficus variegata*	Moraceae	Native	Common	Tree	35918.545	24644.864	1.3	15	1) Good health, 2) No significant defects, 3) Root flare obvious
896	Eng Neo Avenue Forest	2020-03-24	EN0894	*Ficus variegata*	Moraceae	Native	Common	Tree	35912.525	24652.933	1	10	1) Good health, 2) Root flare obvious
897	Eng Neo Avenue Forest	2020-03-24	EN0895	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree	35917.227	24668.818	1.1	10	1)Exotic invasive species, 2) Low retention value
898	Eng Neo Avenue Forest	2020-03-24	EN0896	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35900.525	24671.275	1.7	25	1) Storm vulnerable, 2) Low retention value
899	Eng Neo Avenue Forest	2020-03-24	EN0897	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35901.338	24671.947	1.7	25	1) Storm vulnerable, 2) Low retention value
900	Eng Neo Avenue Forest	2020-03-24	EN0898	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35898.812	24670.334	1.5	25	1) Storm vulnerable, 2) Low retention value
901	Eng Neo Avenue Forest	2020-03-24	EN0899	*Terminalia catappa*	Combretaceae	Native	Common	Tree	35897.214	24660.543	1.1	20	1) Good health, 2) Root flare obvious, 3) No significant defects
902	Eng Neo Avenue Forest	2020-03-24	EN0900	*Andira inermis*	Fabaceae	Exotic	Casual	Tree	35900.465	24678.903	1.1	18	1) Good health, 2) Root flare obvious, 3) Decay of trunk on north side
903	Eng Neo Avenue Forest	2020-03-24	EN0901	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35924.269	24670.85	1.7	25	1) Storm vulnerable, 2) Low retention value
904	Eng Neo Avenue Forest	2020-03-24	EN0902	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35927.198	24666.752	1.3	25	1) Storm vulnerable, 2) Low retention value
905	Eng Neo Avenue Forest	2020-03-24	EN0903	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35928.421	24666.199	1.9	25	1) Storm vulnerable, 2) Low retention value
906	Eng Neo Avenue Forest	2020-03-24	EN0904	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35936.979	24664.532	2	7	1) Good health, 2) No significant defects
907	Eng Neo Avenue Forest	2020-03-24	EN0905	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35935.681	24658.433	2	25	1) Storm vulnerable, 2) Low retention value
908	Eng Neo Avenue Forest	2020-03-24	EN0906	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35933.361	24657.891	2	5	1) Good health, 2) No significant defects
909	Eng Neo Avenue Forest	2020-03-24	EN0907	*Ficus variegata*	Moraceae	Native	Common	Tree	35940.928	24653.979	1	10	1) Good health, 2) Root flare obvious
910	Eng Neo Avenue Forest	2020-03-24	EN0908	*Ficus variegata*	Moraceae	Native	Common	Tree	35944.332	24647.735	1.1	10	1) Good health, 2) Root flare obvious, 3) No significant defects
911	Eng Neo Avenue Forest	2020-03-24	EN0909	*Ficus variegata*	Moraceae	Native	Common	Tree	35945.209	24648.685	1.3	15	1) Good health, 2) Root flare obvious, 3) No significant defects
912	Eng Neo Avenue Forest	2020-03-24	EN0910	*Ficus variegata*	Moraceae	Native	Common	Tree	35948.01	24655.932	1.1	15	1) Good health, 2) Root flare obvious, 3) No significant defects
913	Eng Neo Avenue Forest	2020-03-24	EN0911	*Ficus variegata*	Moraceae	Native	Common	Tree	35948.149	24655.378	1.3	15	1) Good health, 2) Root flare obvious, 3) No significant defects
914	Eng Neo Avenue Forest	2020-03-24	EN0912	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35942.213	24644.55	2	6	1) Good health, 2) No significant defects
915	Eng Neo Avenue Forest	2020-03-24	EN0913	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35936.737	24639.313	2	25	1) Storm vulnerable, 2) Low retention value
916	Eng Neo Avenue Forest	2020-03-24	EN0914	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35939.174	24640.023	1.3	25	1) Storm vulnerable, 2) Low retention value
917	Eng Neo Avenue Forest	2020-03-24	EN0916	*Oncosperma tigillarium*	Arecaceae	Native	Vulnerable	Shrub	35956.455	24645.093	0.3	1	1) Good health, 2) No significant defects
918	Eng Neo Avenue Forest	2020-03-24	EN0917	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35958.699	24651.095	1	12	1) Good health, 2) Root flare obvious, 3) No significant defects
919	Eng Neo Avenue Forest	2020-03-24	EN0921	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35982.652	24672.586	1	15	1) Storm vulnerable, 2) Low retention value
920	Eng Neo Avenue Forest	2020-03-25	EN0951	*Lophopetalum wightianum*	Celastraceae	Native	Vulnerable	Tree	35995.404	24603.119	0.3	9	1) Good health, 2) No significant defects
921	Eng Neo Avenue Forest	2020-03-25	EN0952	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36002.182	24606.441	1.2	18	1) Storm vulnerable, 2) Low retention value
922	Eng Neo Avenue Forest	2020-03-25	EN0953	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35993.631	24611.052	1.8	20	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation
923	Eng Neo Avenue Forest	2020-03-25	EN0954	*Macaranga hypoleuca*	Euphorbiaceae	Native	Common	Tree	35987.656	24603.499	1.2	13	1) Good health, 2) Root flare obvious, 3) Asymmetrical lean towards Southwest
924	Eng Neo Avenue Forest	2020-03-25	EN0955	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35985.027	24616.333	2.1	25	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
925	Eng Neo Avenue Forest	2020-03-25	EN0956	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35996.332	24619.961	1.1	16	1) Storm vulnerable, 2) Low retention value
926	Eng Neo Avenue Forest	2020-03-25	EN0957	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35982.936	24620.592	1.1	15	1) Good health, 2) Root flare obvious, 3) No significant defects
927	Eng Neo Avenue Forest	2020-03-25	EN0958	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35976.133	24626.097	1.2	16	1) Good health, 2) Root flare obvious, 3) No significant defects
928	Eng Neo Avenue Forest	2020-03-25	EN0959	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35985.774	24628.143	1.4	12	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers and epiphytes
929	Eng Neo Avenue Forest	2020-03-25	EN0960	*Ficus variegata*	Moraceae	Native	Common	Tree	35978.12	24642.877	1.5	15	1) Good health, 2) Root flare obvious, 3) Growing on slope
930	Eng Neo Avenue Forest	2020-03-26	EN0961	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35885.554	24699.197	1.6	20	1) Storm vulnerable, 2) Low retention value
931	Eng Neo Avenue Forest	2020-03-26	EN0962	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35900.955	24700.676	1.2	18	1) Storm vulnerable, 2) Low retention value
932	Eng Neo Avenue Forest	2020-03-26	EN0963	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35902.925	24716.322	1	11	1) Storm vulnerable, 2) Low retention value
933	Eng Neo Avenue Forest	2020-03-26	EN0964	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35916.338	24715.052	1	10	1) Storm vulnerable, 2) Low retention value
934	Eng Neo Avenue Forest	2020-03-26	EN0965	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35917.522	24713.874	1.2	10	1) Storm vulnerable, 2) Low retention value
935	Eng Neo Avenue Forest	2020-03-26	EN0966	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35947.981	24625.295	2.5	25	1) Storm vulnerable, 2) Low retention value
936	Eng Neo Avenue Forest	2020-03-26	EN0967	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35947.081	24622.861	1.3	25	1) Storm vulnerable, 2) Low retention value
937	Eng Neo Avenue Forest	2020-03-26	EN0968	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35942.25	24621.59	1.0, 1.1	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
938	Eng Neo Avenue Forest	2020-03-26	EN0969	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35936.077	24625.547	1.4	12	1) Storm vulnerable, 2) Low retention value
939	Eng Neo Avenue Forest	2020-03-26	EN0970	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35921.481	24614.728	1.05	20	1) Storm vulnerable, 2) Low retention value
940	Eng Neo Avenue Forest	2020-03-26	EN0971	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35905.322	24601.656	1.1	18	1) Storm vulnerable, 2) Low retention value
941	Eng Neo Avenue Forest	2020-03-26	EN0972	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35918.357	24593.12	1.6	25	1) Storm vulnerable, 2) Low retention value
942	Eng Neo Avenue Forest	2020-03-26	EN0973	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35922.052	24593.32	1.2	22	1) Storm vulnerable, 2) Low retention value
943	Eng Neo Avenue Forest	2020-03-26	EN0974	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35932.548	24591.019	2.1	25	1) Storm vulnerable, 2) Low retention value
944	Eng Neo Avenue Forest	2020-03-26	EN0975	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35941.427	24598.629	1.35, 1.8	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
945	Eng Neo Avenue Forest	2020-03-26	EN0976	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35943.265	24605.576	1.8	25	1) Storm vulnerable, 2) Low retention value
946	Eng Neo Avenue Forest	2020-03-26	EN0977	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35948.231	24582.764	1.3	25	1) Storm vulnerable, 2) Low retention value
947	Eng Neo Avenue Forest	2020-03-26	EN0978	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35939.285	24568.012	1.15, 1.8	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
948	Eng Neo Avenue Forest	2020-03-26	EN0979	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35949.739	24571.104	1.1	10	1) Good health, 2) No significant defects, 3) Asymmetric canopy

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
949	Eng Neo Avenue Forest	2020-03-26	EN0980	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35951.999	24572.599	1.9	25	1) Storm vulnerable, 2) Low retention value
950	Eng Neo Avenue Forest	2020-03-26	EN0981	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35954.578	24577.377	1.8	25	1) Storm vulnerable, 2) Low retention value
951	Eng Neo Avenue Forest	2020-03-26	EN0982	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35955.94	24580.728	1.8	20	1) Storm vulnerable, 2) Low retention value
952	Eng Neo Avenue Forest	2020-03-26	EN0983	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35969.138	24586.262	1.1	14	1) Storm vulnerable, 2) Low retention value
953	Eng Neo Avenue Forest	2020-03-26	EN0984	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35954.349	24586.465	1.1, 2	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
954	Eng Neo Avenue Forest	2020-03-26	EN0985	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35947.028	24614.559	1.5	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
955	Eng Neo Avenue Forest	2020-03-26	EN0986	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35945.18	24612.962	1, 1.7	25	1) Storm vulnerable, 2) Low retention value, 3) Cluster of two
956	Eng Neo Avenue Forest	2020-03-26	EN0987	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35969.767	24603.154	2.2	25	1) Storm vulnerable, 2) Low retention value
957	Eng Neo Avenue Forest	2020-03-26	EN0988	*Ficus variegata*	Moraceae	Native	Common	Tree	35963.012	24614.264	1.4	15	1) Good health, 2) No significant defects, 3) Root flare obvious, 4) U-shaped bifurcation
958	Eng Neo Avenue Forest	2020-03-26	EN0989	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35953.386	24614.796	1	15	1) Storm vulnerable, 2) Low retention value
959	Eng Neo Avenue Forest	2020-03-26	EN0990	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35956.568	24623.414	1.2	16	1) Storm vulnerable, 2) Low retention value
960	Eng Neo Avenue Forest	2020-03-26	EN0991	*Ficus variegata*	Moraceae	Native	Common	Tree	35958.2	24623.231	1	16	1) Good health, 2) Root flare obvious, 3) No significant defects
961	Eng Neo Avenue Forest	2020-03-26	EN0992	*Prunus polystachya*	Rosaceae	Native	Common	Tree	35973.495	24623.228	1	15	1) Good health, 2) Root flare obvious, 3) No significant defects
962	Eng Neo Avenue Forest	2020-03-26	EN0993	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35973.13	24637.662	1.1	15	1) Good health, 2) No significant defects, 3) Root flare obvious, 4) Asymmetric canopy
963	Eng Neo Avenue Forest	2020-03-26	EN0994	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36030.617	24621.78	1	15	1) Storm vulnerable, 2) Low retention value
964	Eng Neo Avenue Forest	2020-03-26	EN0995	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36025.597	24627.479	1.6	15	1) Storm vulnerable, 2) Low retention value
965	Eng Neo Avenue Forest	2020-03-26	EN0996	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36074.107	24579.57	1	15	1) Storm vulnerable, 2) Low retention value

Appendix G2

List of Specimens Mapped in the Forested Area Adjacent to Fairways Quarters

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)
1	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0001	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35903.639	24138.878	2.1	16
2	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0002	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35908.068	24146.402	1.4	14
3	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0003	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35910.269	24154.897	2	10
4	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0004	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35909.875	24161.838	1	12
5	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0005	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35898.75	24156.408	1.3	14
6	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0006	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35899.701	24162.49	1.5	14
7	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0007	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35888.601	24163.423	1.8	8
8	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0008	*Adenanthera pavonina*	Fabaceae	Exotic	Naturalised	Tree	35887.639	24150.07	1.1	8
9	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0009	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35888.208	24143.771	2	14
10	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0010	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35881.385	24119.117	1.6	16
11	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0011	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35883.641	24122.002	1.2	14
12	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0012	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35898.258	24116.046	1.8	14
13	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0013	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35888.743	24118.585	1.6	14
14	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0014	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35889.75	24130.189	1.7	15
15	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0015	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35899.789	24129.458	1.2	12
16	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0016	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35902.367	24117.428	1.7	14
17	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0017	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35906.972	24117.511	1.5	14
18	Forested Area Adjacent to Fairways Quarters	2021-09-13	HE0018	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35912.63	24112.397	1.4	14
19	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0019	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35933.446	24104.602	4.8	22
20	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0020	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35929.507	24112.126	1.7	16
21	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0021	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35927.882	24117.277	2.5	14
22	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0022	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35928.816	24120.94	1.7	13
23	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0023	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35943.227	24131.985	5	20
24	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0024	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35951.585	24132.049	0.4	10
25	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0025	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35970.931	24110.056	1.2	15
26	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0026	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35968.665	24094.348	2	16
27	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0027	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35933.295	24094.899	1	13
28	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0028A	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35859.115	24167.133	1.1	12
29	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0029	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35863.233	24173.747	1	11
30	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0030	*Callistemon viminalis*	Myrtaceae	Exotic	Cultivated Only	Tree	35843.65	24191.536	1	12
31	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0031	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35846.401	24191.673	1.2	12
32	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0032	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35856.128	24191.867	3	15
33	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0033	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35857.759	24182.659	1.1	15
34	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0034	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35832.458	24182.623	3	17
35	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0035	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35833.928	24169.417	3.3	17
36	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0036	*Ravenala madagascariensis*	Strelitziaceae	Exotic	Cultivated Only	Tree	35820.17	24156.732	1.1	13
37	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0037	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35797.693	24154.852	5	20
38	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0038	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35796.598	24165.042	1.6	13
39	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0039	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35796.333	24184.257	4.8	18
40	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0040	*Senna siamea*	Fabaceae	Exotic	Cultivated Only	Tree	35783.103	24176.264	1.8	16
41	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0041	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35782.92	24164.369	2.1	19
42	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0042	*Ficus kerkhovenii*	Moraceae	Native	Critically Endangered	Strangler	35759.885	24188.106	14	18
43	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0043	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35763.5	24191.603	1.1	10
44	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0044	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35756.032	24208.55	1.3	17
45	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0045	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35763.378	24212.394	2.1	14
46	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0046	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35762.009	24218.703	2.1	16
47	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0047	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35783.694	24224.991	1.6	12
48	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0048	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35782.09	24204.987	1.2	15
49	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0049	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35782.745	24203.632	1.3	14
50	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0050	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35794.579	24198.894	3.1	16
51	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0051	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35866.216	24160.883	1.6	14
52	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0052	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35871.136	24177.084	1.6	13
53	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0201	*Araucaria heterophylla*	Araucariaceae	Exotic	Cultivated Only	Tree	35855.91	24105.9	1.2	14
54	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0202	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35850.85	24120.82	2	20
55	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0203	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35810.83	24136.28	3	20
56	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0204	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35842.44	24137.85	2	12
57	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0205	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35830.95	24146.97	2.4	15
58	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0206	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35856.53	24157.58	3	16
59	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0207	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35856.53	24150.35	2	7

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)
60	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0208	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35839.19	24134.84	2.6	14
61	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0209	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35835.03	24132.85	3.5	17
62	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0210	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35812.4	24150.49	3	18
63	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0211	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35786.09	24129.03	2.6	18
64	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0212	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35779.84	24137.2	2.4	9
65	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0213	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35770.32	24121.45	2.4	16
66	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0214	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35764.34	24121.08	3.6	16
67	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0215	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35769.66	24131.22	2.8	16
68	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0216	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35768.06	24137.74	1.2	14
69	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0217	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35774.53	24137.66	1.8	15
70	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0218	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35765.46	24143.4	2.1	14
71	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0219	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35764.92	24151.43	1.3	14
72	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0220	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35755.55	24148.02	1.2	12
73	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0221	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35747.91	24126.21	1.2	12
74	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0222	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35750.36	24126.6	1	10
75	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0223	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35749.5	24120.77	1.2	12
76	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0224	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35747.73	24121.13	1	12
77	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0225	*Macaranga hypoleuca*	Euphorbiaceae	Native	Common	Tree	35746.42	24103.84	1.6	12
78	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0226	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35748.4	24099.09	0.8	12
79	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0227	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35749.9	24070.47	4	9
80	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0228	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35754.63	24074.94	6	16
81	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0229	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35750.66	24060.31	2	14
82	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0230	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35743.08	24060.05	1.2	10
83	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0231	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35756.47	24060.64	1.4	12
84	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0232	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35763.91	24063.56	2.4	12
85	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0233	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree	35775.14	24080.63	1.2	8
86	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0234	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35777.33	24062.59	1.5	7
87	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0235	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree	35765.75	24087.86	1	6
88	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0236	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35760.49	24096.9	1	10
89	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0237	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35766.02	24088.69	1.4	10
90	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0238	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35762.49	24096.76	2.5	16
91	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0239	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35760.39	24097.72	1	8
92	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0240	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35763.32	24092.61	1.6	12
93	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0241	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35756.37	24100.53	1.4	10
94	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0242	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35763.13	24105.55	1.1	8
95	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0243	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	35763.89	24115.34	1	10
96	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0244	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35788.68	24121.52	1.1	8
97	Forested Area Adjacent to Fairways Quarters	2021-09-14	HE0245	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35774.35	24103.06	2.8	12
98	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0053	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree	35804.85	24084.08	1.6	8
99	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0054	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree	35775.285	24090.408	1	8
100	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0055	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree	35774.569	24078.81	1.4	8
101	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0056	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree	35786.963	24079.4	1.5	10
102	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0057	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35835.727	24096.002	1.9	15
103	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0058	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35756.177	24174.787	1.1	10
104	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0059	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35718.053	24041.234	2.8	16
105	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0060	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35709.187	24038.693	5	20
106	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0061	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35706.717	24053.709	2.6	12
107	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0062	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35713.272	24058.047	2.4	15
108	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0063	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35719.053	24049.062	1.8	20
109	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0064	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35722.052	24053.823	1.1	20
110	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0065	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35701.414	24064.416	2	16
111	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0066	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35693.605	24060.032	1.1	15
112	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0067	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35694.782	24069.656	2	20
113	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0068	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35706.129	24073.234	2	15
114	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0069	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35698.793	24081.19	2.6	25
115	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0070	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35683.334	24084.365	2.6	20
116	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0071	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35705.751	24082.82	1.8	20
117	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0072	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35691.919	24106.328	1.1	13
118	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0073	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35693.566	24137.413	2.4	25

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119	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0074	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35691.544	24147.518	1.1	20
120	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0075	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35696.234	24145.319	1.1	12
121	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0076	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35694.825	24177.979	2.4	12
122	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0077	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35696.517	24156.598	1.4	1
123	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0078	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35692.523	24177.014	1	8
124	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0079	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35699.171	24191.227	3.8	20
125	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0080	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35707.406	24185.535	2	8
126	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0081	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35709.168	24184.201	3.5	20
127	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0082	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35720.068	24193.719	1.8	13
128	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0083	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35719.677	24177.1	2.4	17
129	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0084	*Macaranga hypoleuca*	Euphorbiaceae	Native	Common	Tree	35725.086	24178.05	1	12
130	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0085	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35726.102	24170.186	1.3	15
131	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0086	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35721.267	24167.572	1.4	12
132	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0087	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35716.25	24168.726	4.2	20
133	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0088	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35719.332	24149.301	1.8	13
134	Forested Area Adjacent to Fairways Quarters	2021-09-15	HE0089	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35727.624	24155.282	2.2	15
135	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0090	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35726.05	24092.81	1.1	14
136	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0091	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35723.62	24095.37	1	12
137	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0092	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35724.73	24109.73	2.2	20
138	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0093	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35728.39	24100.43	1	12
139	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0094	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35724.39	24118.73	1.1	13
140	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0095	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	35722.9	24130.7	1.1	15
141	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0096	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35715.82	24117.62	1.8	19
142	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0097	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35703.51	24129.56	1	15
143	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0098	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35705.48	24131.37	1	14
144	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0099	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35703.21	24127.09	1.1	13
145	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0100	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35704.46	24132.65	1.1	15
146	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0101	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35876.217	24080.073	1.3	12
147	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0102	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35875.295	24096.226	4	18
148	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0103	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35876.193	24087.994	1.6	10
149	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0104	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35869.992	24085.228	1	6
150	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0105	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35850.065	24087.21	1.5	16
151	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0106	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35847.597	24077.522	1	12
152	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0107	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree	35841.873	24074.064	1.8	10
153	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0108	*Dalbergia oliveri*	Fabaceae	Exotic	Cultivated Only	Tree	35835.893	24073.388	1.5	8
154	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0109	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35838.039	24065.02	1	18
155	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0110	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	35838.189	24066.669	4	18
156	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0111	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35833.481	24066.579	2.5	18
157	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0112	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35828.266	24062.784	1.3	10
158	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0113	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35826.425	24061.333	1.8	18
159	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0114	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35823.672	24060.641	3.2	18
160	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0115	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35816.022	24060.194	1.5	10
161	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0116	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35805.956	24061.349	1.1	10
162	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0117	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35810.316	24053.252	1.6	10
163	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0118	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35801.98	24057.767	2	16
164	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0119	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35791.712	24055.193	1.3	10
165	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0120	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35781.692	24053.114	2.5	16
166	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0121	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35784.378	24046.944	1.8	16
167	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0122	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35776.016	24052.52	1.7	18
168	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0123	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35773.293	24048.349	2.2	8
169	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0124	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35772.989	24050.853	2	14
170	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0125	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35770.729	24057.069	2.2	3
171	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0126	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35771.643	24065.221	1.7	12
172	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0127	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	35747.638	24043.085	1	18
173	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0128	*Elaeocarpus angustifolius*	Elaeocarpaceae	Exotic	Cultivated Only	Tree	35756.786	24039.442	4.1	18
174	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0129	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	35755.017	24042.907	1	18
175	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0130	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35760.119	24042.779	1.1	10
176	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0131	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	35761.799	24030.938	1.1	18
177	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0132	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35759.683	24028.571	1.8	16

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178	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0133	*Aegle marmelos*	Rutaceae	Exotic	Cultivated Only	Tree	35759.385	24027.092	1	8
179	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0134	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35761.389	24004.968	1.2	8
180	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0135	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35767.307	24002.244	1.4	7
181	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0136	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35768.378	24000.562	1.1	8
182	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0137	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35770.548	23993.589	1.6	14
183	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0138	*Syzygium lineatum*	Myrtaceae	Native	Common	Tree	35764.603	23988.299	1.3	10
184	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0139	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35768.677	23981.646	1	10
185	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0140	*Moringa oleifera*	Rubiaceae	Exotic	Cultivated Only	Tree	35764.106	23979.207	1.1	10
186	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0141	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35736.536	23990.608	1.1	10
187	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0142	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35720.166	23987.138	1.2	10
188	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0143	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35724.049	23984.104	1.5	10
189	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0144	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35746.775	23984.311	1.2	10
190	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0145	*Moringa oleifera*	Rubiaceae	Exotic	Cultivated Only	Tree	35748.27	23983.505	1.4	10
191	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0146	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35698.096	23993.913	1.4	8
192	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0147	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35680.741	23995.001	1.2	10
193	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0148	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35670.191	24003.863	8	18
194	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0149	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35669.478	24030.256	1.9	20
195	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0150	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35672.836	24029.56	1.4	20
196	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0151	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35664.67	24037.53	2.6	12
197	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0152	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35674.15	24042.886	1	8
198	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0153	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35730.627	24026.508	1	8
199	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0154	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35730.823	24025.122	1.4	8
200	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0155	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35736.372	24032.678	1.7	16
201	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0156	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35736.441	24029.751	1	8
202	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0157	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35737.966	24038.543	1.8	9
203	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0158	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35737.109	24041.357	1	9
204	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0246	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35708.46	24136.23	1	13
205	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0247	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35714.8	24132.72	1.1	16
206	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0248	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35725.3	24142.85	0.3	10
207	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0249	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35672.19	24191.63	3	17
208	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0250	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35665.92	24181.86	6	15
209	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0251	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35634.62	24205.01	1.2	10
210	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0252	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree	35631.68	24207.95	2	12
211	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0253	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree	35630.93	24203.54	1.1	12
212	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0254	*Ficus variegata*	Moraceae	Native	Common	Tree	35628.67	24208.54	1	13
213	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0255	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35632.6	24205.49	1.6	12
214	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0256	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35608.46	24209.66	3	15
215	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0257	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35600.02	24204.18	2	13
216	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0258	*Ficus variegata*	Moraceae	Native	Common	Tree	35608.71	24225.67	1.1	16
217	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0259	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35597.15	24218.97	2	12
218	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0260	*Artocarpus integer*	Moraceae	Exotic	Casual	Tree	35606.31	24243.68	1.2	14
219	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0261	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35607.92	24238.21	1.1	12
220	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0262	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35599.58	24231.82	2	14
221	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0263	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35588.72	24238.28	1.5	15
222	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0264	*Baphia nitida*	Fabaceae	Exotic	Casual	Shrub	35581.5	24244.99	2.4	8
223	Forested Area Adjacent to Fairways Quarters	2021-09-16	HE0265	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35584.15	24233.53	1.6	13
224	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0266	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35583.85	24231.61	2.5	14
225	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0267	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	35565.56	24225.09	1.8	18
226	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0268	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35565.56	24237.11	2	12
227	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0269	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35561.64	24233.86	3	14
228	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0270	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35537.46	24228.31	7.8	12
229	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0271	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35520.99	24239.38	2	12
230	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0272	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35514.42	24251.56	1	16
231	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0273	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35511.5	24260.9	1	12
232	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0274	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35511.72	24262.12	1.2	10
233	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0275	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35510.7	24260.78	1	10
234	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0276	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35510.5	24259.75	1.1	12
235	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0277	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35524.45	24248.04	1.6	18
236	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0278	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35529.34	24249.41	1.5	12

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)
237	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0279	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35532.43	24244.32	3.8	16
238	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0280	*Ficus variegata*	Moraceae	Native	Common	Tree	35537.71	24252	2.5	18
239	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0281	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35546.18	24245.88	1.8	16
240	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0282	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35556.36	24248.62	1.8	16
241	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0283	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35510.2	24220.98	2.6	16
242	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0284	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35499.88	24230.54	1	18
243	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0285	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35497.74	24227.83	1.5	18
244	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0286	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35497.45	24228.52	1.8	18
245	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0287	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35500.78	24218.44	1.4	12
246	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0288	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35497.08	24208.47	2.2	18
247	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0289	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35501.26	24209.24	2.8	16
248	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0290	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35500.08	24207.26	1.4	10
249	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0291	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35502.91	24198.11	2.2	14
250	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0292	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35515.68	24188.16	2.4	18
251	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0293	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35514.89	24178.54	1	14
252	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0294	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35516.36	24180.44	3	18
253	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0295	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35518.25	24172.37	3	16
254	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0296	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35526.83	24154.48	1.6	10
255	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0297	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35531.27	24164.37	1.2	16
256	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0298	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35534.16	24174.11	7	18
257	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0299	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35542.12	24184.14	3	12
258	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0300	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35550.18	24184.46	4	14
259	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0401	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35561.73	24187.34	8	20
260	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0402	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35571.4	24211.52	2	16
261	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0403	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35566.81	24213.92	1	12
262	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0404	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35572.33	24211.56	2.1	16
263	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0405	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35586.34	24224.33	8	18
264	Forested Area Adjacent to Fairways Quarters	2021-09-20	HE0406	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35579.6	24195.06	4.4	16
265	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0301	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35669.045	24073.308	8	10
266	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0302	*Terminalia catappa*	Combretaceae	Native	Common	Tree	35624.928	24057.296	1.6	14
267	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0303	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35616.07	24052.403	1.7	8
268	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0304	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35618.678	24046.495	1	8
269	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0305	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35625.71	24042.877	1.7	10
270	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0306	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35611.755	24021.203	8	12
271	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0307	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35593.783	24019.052	3.5	15
272	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0308	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35605.738	24035.928	1	8
273	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0309	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35596.307	24056.734	3.7	10
274	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0310	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35650.992	24090.571	1.8	10
275	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0311	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35662.41	24097.511	4	18
276	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0407	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35596.21	24207.56	1.3	15
277	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0408	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35596.18	24200.26	2.8	20
278	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0409	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35600.91	24194.17	1.6	18
279	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0410	*Calophyllum inophyllum*	Calophyllaceae	Native	Critically Endangered	Tree	35605.93	24190.61	3.3	12
280	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0411	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35607.65	24184.04	3.2	15
281	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0412	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35616.07	24192.6	10	19
282	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0413	*Ficus variegata*	Moraceae	Native	Common	Tree	35602.36	24179.39	2.2	20
283	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0414	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35607.61	24162.45	1.8	15
284	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0415	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	35597.29	24176.25	2	20
285	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0416	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35589.45	24179.89	2	15
286	Forested Area Adjacent to Fairways Quarters	2021-09-21	HE0417	*Ficus variegata*	Moraceae	Native	Common	Tree	35645.16	24188.17	1.8	18
287	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0159	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35522.89	24114.45	1.9	8
288	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0160	*Ficus religiosa*	Moraceae	Exotic	Naturalised	Strangler	35531.75	24118.82	2	10
289	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0161	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35561.32	24117.07	3	22
290	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0162	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35572.52	24121.74	10	16
291	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0163	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35575.17	24098.99	3.1	20
292	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0164	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35573.16	24109.51	2.4	20
293	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0165	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35611.36	24115.34	4	20
294	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0166	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35609.17	24125.79	5	20
295	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0167	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35582.55	24107.42	3.7	20

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296	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0168	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35583.32	24101.22	2.2	18
297	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0169	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35588.4	24090.45	1.8	10
298	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0170	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35578.61	24085.08	4.1	20
299	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0171	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35578.11	24081.82	4	10
300	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0172	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35566.74	24089.3	1	8
301	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0173	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35563.83	24077.05	1.3	16
302	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0174	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35564.03	24078.75	1	16
303	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0175	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35558.29	24078.89	1.4	16
304	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0176	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35556.8	24078.98	2.2	8
305	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0177	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35547.97	24078.23	1.1	10
306	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0178	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35554.74	24075.91	1.3	12
307	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0179	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35540	24095	2.7	13
308	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0180	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35540.73	24091.31	1	12
309	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0181	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35536.87	24089.3	2.2	14
310	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0182	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35536.33	24119.97	3.4	15
311	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0183	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35536.85	24161.31	3	20
312	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0184	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35553.15	24155.15	1	10
313	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0185	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35550.22	24156.01	3	15
314	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0186	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35540.32	24143.31	1.4	10
315	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0187	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35549.73	24133.55	1	8
316	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0188	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35545.28	24131.36	1.1	10
317	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0189	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35551.54	24128.55	1.6	16
318	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0190	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35550.05	24129.28	1.6	8
319	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0191	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35575.6	24120.14	2.4	20
320	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0192	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35574.97	24132.36	1.5	20
321	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0193	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35585.69	24124.6	2.7	20
322	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0194	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35601.79	24127.93	3	20
323	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0195	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35574.1	24142.43	5.3	20
324	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0196	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35571	24166.23	4.6	20
325	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0197	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	35595.7	24176.94	1	7
326	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0198	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35601.78	24157.01	1.4	18
327	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0199	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35588.33	24160.97	1.4	18
328	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0200	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35609.46	24157.78	1.7	18
329	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0312	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35655.287	24081.766	1.6	15
330	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0313	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35644.302	24077.489	1	10
331	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0314	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	35647.07	24070.866	1	6
332	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0316	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35655.579	24072.233	1.1	13
333	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0317	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35665.031	24106.226	1.3	20
334	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0318	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35663.997	24105.529	1.7	12
335	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0319	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	35666.84	24106.278	1.1	10
336	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0320	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35667.06	24119.729	1.1	14
337	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0321	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35663.881	24127.62	1.3	15
338	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0322	*Ficus cf. kerkhovenii*	#N/A	#N/A	#N/A	#N/A	35651.906	24123.894	5	18
339	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0323	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35671.074	24127.196	1	15
340	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0324	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35668.322	24131.544	1.8	12
341	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0325	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35671.447	24130.59	1.2	18
342	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0326	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35668.364	24142.308	1.1	18
343	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0327	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35665.349	24149.667	3	18
344	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0328	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35650.882	24139.164	1	12
345	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0329	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35631.751	24131.009	3	15
346	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0418	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35597.36	24152.11	2.6	18
347	Forested Area Adjacent to Fairways Quarters	2021-09-22	HE0419	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35590.16	24173.01	2.1	14
348	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0330	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35640.269	24195.198	1.6	12
349	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0331	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35642.265	24184.81	1.6	18
350	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0332	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35640.387	24180.633	1.3	18
351	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0333	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35647.569	24180.311	2.4	14
352	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0334	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	35643.452	24172.312	1.7	8
353	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0335	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35653.148	24156.038	2.4	16
354	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0336	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35635.483	24153.013	2.2	14

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)
355	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0337	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35631.97	24164.515	3	16
356	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0338	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35628.174	24173.403	2	14
357	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0339	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35628.749	24176.752	2	16
358	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0340	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35617.636	24153.449	4.2	18
359	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0341	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35616.498	24096.999	10	16
360	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0342	*Baphia nitida*	Fabaceae	Exotic	Casual	Shrub	35621.761	24105.661	2.2	12
361	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0343	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35631.06	24091.158	1.8	8
362	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0344	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35623.17	24084.184	1.2	16
363	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0345	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35644.787	23997.212	1.8	12
364	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0346	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35642.984	24004.511	1	10
365	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0347	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35637.973	24005.238	1.1	10
366	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0348	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35637.754	24004.352	1.2	10
367	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0349	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35631.724	24006.572	1.2	8
368	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0349A	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35587.527	23999.097	1	12
369	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0350	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35588.554	24002.029	1.3	6
370	Forested Area Adjacent to Fairways Quarters	2021-09-27	HE0351	*Ficus fistulosa*	Moraceae	Native	Common	Tree	35626.403	24042.082	2	6
371	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0352	*Cecropia pachystachya*	Urticaceae	Exotic	Naturalised	Tree	35470.784	24062.6	1.3	8
372	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0353	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35472.814	24049.966	4	18
373	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0354	*Ficus variegata*	Moraceae	Native	Common	Tree	35479.113	24052.185	1	17
374	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0355	*Ficus variegata*	Moraceae	Native	Common	Tree	35484.01	24043.84	1.8	20
375	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0356	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35500.557	24030.487	1.3	17
376	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0357	*Terminalia catappa*	Combretaceae	Native	Common	Tree	35519.891	24032.482	1.1	16
377	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0358	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35524.654	24035.362	3.5	17
378	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0359	*Ficus variegata*	Moraceae	Native	Common	Tree	35532.679	24041.59	1.3	14
379	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0360	*Ficus variegata*	Moraceae	Native	Common	Tree	35558.11	24004.3	1.2	17
380	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0361	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35562.941	24007.99	1.7	20
381	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0362	*Ficus variegata*	Moraceae	Native	Common	Tree	35560.919	24018.683	1.4	20
382	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0363	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35558.054	24018.402	1.4	12
383	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0364	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35554.779	24020.197	1.4	14
384	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0365	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35550.954	24022.356	1.1	14
385	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0366	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35546.735	24021.87	1	15
386	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0367	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35551.176	24040.593	1.8	20
387	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0368	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35539.594	24041.56	1	18
388	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0369	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35545.4	24038.969	1.4	14
389	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0370	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35545.487	24039.01	2.4	15
390	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0371	*Syzygium lineatum*	Myrtaceae	Native	Common	Tree	35543.945	24052.973	1.4	18
391	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0372	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35557.676	24051.074	1.6	8
392	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0373	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35558.028	24045.303	1.5	13
393	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0374	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35557.568	24047.754	1.8	15
394	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0375	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35561.797	24044.46	1.2	11
395	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0376	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35532.097	24056.151	1	12
396	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0377	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35508.056	24058.133	4.5	20
397	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0378	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35526.086	24066.985	2.6	17
398	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0379	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35543.744	24074.855	2	17
399	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0380	*Ficus fistulosa*	Moraceae	Native	Common	Tree	35534.991	24071.467	1.3	10
400	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0381	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35536.036	24068.377	1	11
401	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0382	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35577.617	24058.493	1.6	14
402	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0383	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35588.31	24053.226	2.2	16
403	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0384	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35589.517	24047.905	1.9	15
404	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0501	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35466.15	24092.23	3	14
405	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0502	*Andira inermis*	Fabaceae	Exotic	Casual	Tree	35476.59	24089.61	1.2	14
406	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0503	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	35473.61	24096.13	2.2	18
407	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0504	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35477.19	24125.93	1.2	12
408	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0505	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35493.13	24119.01	12	20
409	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0506	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35497.07	24115.57	4	20
410	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0507	*Ficus variegata*	Moraceae	Native	Common	Tree	35510.79	24116.15	3	15
411	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0508	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	35515.16	24137.56	3	18
412	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0509	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35516.09	24159.73	1	20
413	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0510	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35490.8	24134.54	2.5	18

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414	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0511	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35495.01	24150.38	2	18
415	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0512	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35480.83	24156.71	2.6	18
416	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0513	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35508.7	24158.95	1.1	18
417	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0514	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35503.74	24167.99	2.4	15
418	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0514A	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	35504.04	24187.4	1.2	18
419	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0515	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35501.32	24185.91	1.3	18
420	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0516	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35496.48	24192.9	2	18
421	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0517	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35491.55	24199.73	2	18
422	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0518	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35490.64	24201.87	1	15
423	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0519	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35493.12	24216.48	1.3	15
424	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0519A	*Khaya grandifoliola*	Meliaceae	Exotic	Cultivated Only	Tree	35493.76	24230.51	1.3	20
425	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0520	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35478.12	24217.99	1	18
426	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0521	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35484.24	24198.38	1.1	18
427	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0522	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35473.66	24202.07	1.2	18
428	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0523	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35473.83	24199.15	1.4	15
429	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0524	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35486.8	24158.06	1	6
430	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0525	*Ficus variegata*	Moraceae	Native	Common	Tree	35456.26	24167.51	1.8	20
431	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0526	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35468.48	24162.4	2.3	20
432	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0527	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	35462.53	24157.58	1.4	20
433	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0528	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	35459.31	24164.04	2.4	20
434	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0529	*Andira inermis*	Fabaceae	Exotic	Casual	Tree	35469.4	24143.85	1.6	15
435	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0530	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35465.23	24155.01	1.3	15
436	Forested Area Adjacent to Fairways Quarters	2021-09-28	HE0531	*Andira inermis*	Fabaceae	Exotic	Casual	Tree	35471.12	24127.23	1.3	10
437	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0420	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35679.412	23936.906	2	14
438	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0421	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35676.42	23938.221	1.3	12
439	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0422	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35672.615	23949.694	2.4	16
440	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0423	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35659.635	23951.862	2.4	16
441	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0424	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35650.837	23959.824	1.5	12
442	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0425	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35646.568	23969.956	2.2	12
443	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0426	*Ficus religiosa*	Moraceae	Exotic	Naturalised	Strangler	35633.288	23959.289	3.8	13
444	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0427	*Ficus religiosa*	Moraceae	Exotic	Naturalised	Strangler	35627.226	23962.005	2.1	11
445	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0428	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35614.811	23977.306	4.1	14
446	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0429	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35710.95	23927.47	2.1	12
447	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0430	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35712.683	23922.285	2.6	14
448	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0431	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35721.857	23918.172	3.7	13
449	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0432	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35773.429	23915.026	7.7	20
450	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0433	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35797.349	23911.928	1.1	10
451	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0434	*Leucaena leucocephala*	Fabaceae	Exotic	Naturalised	Tree	35804.831	23910.464	1	10
452	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0435	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35806.812	23914.589	1	10
453	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0436	*Ficus variegata*	Moraceae	Native	Common	Tree	35803.955	23907.763	1	10
454	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0437	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35796.871	23896.785	2.2	10
455	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0438	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35756.781	23932.615	1.2	10
456	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0439	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	35754.389	23935.236	1	7
457	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0440	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35745.484	23923.917	1.1	12
458	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0441	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35742.659	23937.98	1.8	18
459	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0442	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	35745.068	23938.1	1.3	8
460	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0444	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35732.572	23934.947	2	12
461	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0445	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35723.644	23933.052	3	10
462	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0446	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	35712.237	23939.138	2.3	16
463	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0447	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	35710.19	23940.697	1	13
464	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0448	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35702.301	23941.585	1.2	11
465	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0449	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35698.714	23952.055	1.5	11
466	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0450	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	35682.264	23963.044	3.1	18
467	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0451	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35672.397	23971.568	1.1	13
468	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0452	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35713.95	23960.74	2.4	13
469	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0453	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	35717.849	23955.569	1.6	12
470	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0454	*Ficus religiosa*	Moraceae	Exotic	Naturalised	Strangler	35716.47	23948.855	1.3	15
471	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0455	*Artocarpus integer*	Moraceae	Exotic	Casual	Tree	35767.933	23938.58	1.4	14
472	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0456	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	35758.849	23939.404	2.6	18

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)
473	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0532	*Averrhoa bilimbi*	Oxalidaceae	Exotic	Casual	Tree	35496.29	24086.28	1	6
474	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0533	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35452.02	24106.51	1.2	15
475	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0534	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35451.66	24103.54	1.3	15
476	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0535	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35451.24	24105.24	2.6	18
477	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0536	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35446.38	24115.73	1	12
478	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0537	*Andira inermis*	Fabaceae	Exotic	Casual	Tree	35455.53	24118.86	1.1	12
479	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0538	*Andira inermis*	Fabaceae	Exotic	Casual	Tree	35452.4	24117.9	1.1	12
480	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0539	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	35453.15	24118.7	1.6	12
481	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0540	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35446.68	24122.21	1.1	15
482	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0541	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35445.87	24089.5	4	20
483	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0542	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35427.81	24088.51	1.8	15
484	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0543	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35425.02	24090.84	2	15
485	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0544	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35429.08	24086.28	2.3	15
486	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0545	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35403.42	24078	4.5	20
487	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0546	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	35411.33	24067.56	0.1-0.3	2.0-3.0
488	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0547	*Andira inermis*	Fabaceae	Exotic	Casual	Tree	35430.8	24113.94	2.8	15
489	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0548	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35428.12	24142.66	4.5	20
490	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0549	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35426.75	24144.69	3	8
491	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0550	*Ficus barteri*	Moraceae	Exotic	Cultivated Only	Tree	35439.54	24063.65	4	12
492	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0551	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35436.37	24071.31	1	4
493	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0552	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35433.08	24080.19	1.2	12
494	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0553	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35423.5	24061.03	2	5
495	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0553	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35412.05	24051.32	2.8	18
496	Forested Area Adjacent to Fairways Quarters	2021-09-29	HE0554	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35420.06	24058.52	2	10
497	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0385	*Ficus variegata*	Moraceae	Native	Common	Tree	36068.779	23897.872	2	18
498	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0386	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	36090.248	23895.797	1	8
499	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0387	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	36100.004	23889.83	4	20
500	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0388	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36113.277	23883.382	3.2	25
501	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0389	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36108.824	23874.075	1	8
502	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0390	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	36126.313	23886.957	2	20
503	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0391	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	36127.658	23850.299	1	8
504	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0392	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36118.618	23894.047	1.6	18
505	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0393	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36111.791	23894.006	1.2	8
506	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0394	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36117.753	23896.953	2.6	16
507	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0395	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36127.4	23878.118	0.6	7
508	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0396	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36119.279	23915.277	1.2	8
509	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0397	*Ficus variegata*	Moraceae	Native	Common	Tree	36125.596	23912.828	1.3	10
510	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0398	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35988.435	23908.708	3.1	20
511	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0399	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35985.724	23899.984	1.6	16
512	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0400	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	36078.491	23935.007	5.3	18
513	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0556	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35995.273	23891.803	1	6
514	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0557	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35973.116	23887.819	1.5	10
515	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0558	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree	35960.036	23888.902	1.2	12
516	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0559	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree	35961.596	23890.172	2.8	12
517	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0560	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35964.396	23875.755	3.6	18
518	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0561	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35961.791	23873.14	2.5	6
519	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0562	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	35962.407	23868.404	1	12
520	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0563	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35944.128	23875.597	3.6	20
521	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0564	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35941.513	23887.176	3	25
522	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0565	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	35935.62	23894.833	1	14
523	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0566	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35936.114	23883.126	2.6	20
524	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0567	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35925.768	23890.985	2.6	20
525	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0568	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35925.679	23915.882	1.1	10
526	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0569	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35926.396	23916.36	1.1	10
527	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0570	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35927.829	23917.079	1.1	10
528	Forested Area Adjacent to Fairways Quarters	2021-10-04	HE0571	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35921.779	23917.527	1	10
529	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0457	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35952.232	23906.321	1	10
530	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0458	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	35946.517	23900.892	0.3	6
531	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0459	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35900.337	23896.946	4	15

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532	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0460	*Timonius wallichianus*	Rubiaceae	Native	Common	Tree	36010.242	23871.593	0.3	5
533	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0572	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35922.764	23926.128	1.4	8
534	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0573	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35953.521	23901.999	2.8	18
535	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0574	*Litsea elliptica*	Lauraceae	Native	Common	Tree	35954.543	23899.093	1.1	16
536	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0575	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	35901.13	23921.83	1.4	16
537	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0576	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35907.421	23894	4.4	20
538	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0577	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	35887.526	23889.898	1.4	15
539	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0578	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35891.795	23905.364	1	12
540	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0579	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35895.122	23909.946	1	12
541	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0580	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	35885.374	23876.431	1.5	12
542	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0581	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35904.423	23861.001	1	10
543	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0582	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35912.21	23863.308	1.2	10
544	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0583	*Macaranga hypoleuca*	Euphorbiaceae	Native	Common	Tree	35925.57	23862.149	1.8	10
545	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0584	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35920.206	23850.689	1.5	10
546	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0585	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	35931.91	23856.233	1.2	6
547	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0586	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree	35934.207	23860.568	1	6
548	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0588	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35970.423	23840.371	1.8	18
549	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0590	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	35971.173	23837.665	0.4	5
550	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0591	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35986.746	23841.33	2.8	6
551	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0593	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35980.164	23854.575	1.2	10
552	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0594	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	35985.378	23874.057	2.6	16
553	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0595	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	36003.054	23867.738	3	16
554	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0596	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36002.393	23861.371	2	5
555	Forested Area Adjacent to Fairways Quarters	2021-10-06	HE0597	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35994.794	23862.617	1.2	10
556	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0601	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36052.03	23871.31	2.6	20
557	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0602	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36049.27	23855.46	3.2	20
558	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0603	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	36048.78	23849.75	3.2	20
559	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0604	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36050.85	23848.34	3.7	25
560	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0605	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36059.58	23841.65	3.2	20
561	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0606	*Syzygium lineatum*	Myrtaceae	Native	Common	Tree	36089.74	23852.43	1.1	8
562	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0607	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36099.48	23841.79	2.3	12
563	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0608	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36104.02	23835.4	2.5	8
564	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0609	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36110.26	23843.32	3	20
565	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0610	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36111	23851.6	1.8	15
566	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0611	*Alsophila latebrosa*	Cyatheaceae	Native	Vulnerable	Tree	36117.95	23840.8	0.3	2
567	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0612	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36103.55	23833.81	5.4	25
568	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0613	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36096.37	23828.94	1.4	6
569	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0614	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	36094.4	23822	3.2	20
570	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0615	*Erythrophleum suaveolens*	Fabaceae	Exotic	Cultivated Only	Tree	36087.47	23827.56	4.8	20
571	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0616	*Unknown*	#N/A	#N/A	#N/A	#N/A	36082.94	23846.42	1.1	15
572	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0617	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36038.28	23858.35	3.3	25
573	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0618	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	36042.15	23869.46	2	5
574	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0619	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36047.96	23880.02	4.4	20
575	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0620	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36040.69	23882.03	3.4	20
576	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0621	*Planchonella obovata*	Sapotaceae	Native	Vulnerable	Tree	36024.84	23861.19	0.5	6
577	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0622	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36006.17	23838.83	1.1	8
578	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0623	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36004.31	23838.39	1.1	8
579	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0624	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	36015.73	23840	1.3	10
580	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0625	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	36014.02	23833.76	1.1	10
581	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0626	*Syzygium lineatum*	Myrtaceae	Native	Common	Tree	36010.32	23821.71	1	10
582	Forested Area Adjacent to Fairways Quarters	2021-10-08	HE0627	*Unknown*	#N/A	#N/A	#N/A	#N/A	36027.82	23820.59	1.1	8
583	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0628	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35967.02	24150.1	1.9	14
584	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0629	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35981.52	24168.91	1.8	25
585	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0630	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35980.94	24171.15	1.4	20
586	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0631	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35935.3	24183.24	1.2	12
587	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0632	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35945.52	24168.6	1.1	10
588	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0633	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35945.24	24165.58	1	14
589	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0634	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35937.93	24156.86	1.2	12
590	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0635	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35961.08	24172.54	1.2	8

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)
591	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0636	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35963.32	24175.09	1	10
592	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0637	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35988.96	24135.18	1.6	18
593	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0638	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35993.52	24116.66	4.4	16
594	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0639	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36009.42	24148.39	1.8	16
595	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0640	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	36011.29	24145.93	1.1	16
596	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0641	*Syzygium grande*	Myrtaceae	Native	Common	Tree	36008.56	24175.16	1	15
597	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0642	*Syzygium grande*	Myrtaceae	Native	Common	Tree	36006.49	24177.17	1.1	16
598	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0643	*Litsea elliptica*	Lauraceae	Native	Common	Tree	35993.75	24169	1.1	12
599	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0644	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree	36000.64	24167.23	1	10
600	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0645	*Endospermum sp.*	Euphorbiaceae	Native	Vulnerable	Tree	35992.31	24180.66	1.6	18
601	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0646	*Syzygium lineatum*	Myrtaceae	Native	Common	Tree	35980.53	24185.47	1	16
602	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0647	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35959.37	24220.88	3	18
603	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0648	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35958.19	24211.14	3	18
604	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0649	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35942.57	24195.93	1.8	10
605	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0650	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	35938.57	24199.77	1.3	12
606	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0651	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	35924.25	24206.75	2	20
607	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0652	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35908.41	24218.55	1.5	14
608	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0653	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35894.17	24208.52	2.5	18
609	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0654	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35883.29	24215.98	1	30
610	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0655	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35900.73	24220.58	1	10
611	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0656	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35900.75	24222.7	1.5	12
612	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0657	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35870.37	24221.37	3.6	13
613	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0658	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35883.05	24227.4	1.2	14
614	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0659	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35923.72	24237.41	1.1	6
615	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0660	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35866.66	24222.5	4.8	25
616	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0661	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	35877.82	24220.39	3	25
617	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0662	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35888.52	24214.65	1.5	25
618	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0663	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35896.36	24191.49	1.7	18
619	Forested Area Adjacent to Fairways Quarters	2021-10-18	HE0663A	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35886.36	24208.01	2	12
620	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0664	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35823.94	24216.46	3.6	20
621	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0665	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35834.33	24220.36	2	6
622	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0666	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35837.09	24211.94	7	16
623	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0667	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35830.74	24186.9	4	16
624	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0668	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35834.63	24198.14	1.1	12
625	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0669	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35819.69	24216.67	1.8	18
626	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0670	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35824.56	24222.92	1	7
627	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0671	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35815.57	24227.68	1.8	6
628	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0672	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35803.06	24223.86	1.1	6
629	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0673	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35803.98	24219.66	1.7	15
630	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0674	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35796.78	24223.97	1.2	6
631	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0675	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35796.95	24223.75	1.4	6
632	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0676	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35793.46	24221.47	4	20
633	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0677	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	35790.32	24207.25	4.2	20
634	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0678	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	35805.44	24205.35	1	10
635	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0679	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	35796.87	24198.41	1	8
636	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0680	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	36016.2	24109.63	1.4	12
637	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0681	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	36011	24085.01	4	14
638	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0682	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36013.7	24076.14	1	10
639	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0683	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36013.28	24074.97	1	10
640	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0684	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	35991.4	24072.26	1.2	14
641	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0685	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36031.13	24027.41	1.6	12
642	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0686	*Acacia mangium*	Fabaceae	Exotic	Naturalised	Tree	36057.05	24007.81	1.7	14
643	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0687	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree	36060.58	24022.25	1.6	7
644	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0688	*Alstonia scholaris*	Apocynaceae	Exotic	Cultivated Only	Tree	36065.44	24024.99	1.2	10
645	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0689	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36068.52	24026.26	1	11
646	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0690	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36078.84	24029.93	1.4	14
647	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0691	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36075.36	24032.84	2	14
648	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0692	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36069.7	24033.06	2	12
649	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0693	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36081.96	24051.18	1	10

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)
650	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0694	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36076.72	24049.69	1.9	16
651	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0695	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36073.95	24069.73	2.2	16
652	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0696	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	36044.6	24054.88	2	16
653	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0697	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	36043.89	24062.83	1.5	16
654	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0698	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	36045.14	24071.52	2	14
655	Forested Area Adjacent to Fairways Quarters	2021-10-19	HE0699	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	36045.75	24094.16	3	20
656	Forested Area Adjacent to Fairways Quarters	2021-11-02	HE1101	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35533.498	24285.329	1.7	20
657	Forested Area Adjacent to Fairways Quarters	2021-11-02	HE1103	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35541.261	24283.248	1	15
658	Forested Area Adjacent to Fairways Quarters	2021-11-03	HE1149	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	35527.233	24286.92	2	8
659	Forested Area Adjacent to Fairways Quarters	2021-11-03	HE1150	*Syzygium grande*	Myrtaceae	Native	Common	Tree	35528.108	24287.338	1.1	18
660	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1513	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35680.535	24224.122	1.3	10
661	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1514	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	35686.21	24225.557	1.8	8
662	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1515	*Artocarpus integer*	Moraceae	Exotic	Casual	Tree	35695.557	24228.541	1.2	7
663	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1516	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35849.437	23944.069	2	14
664	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1517	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	35846.969	23932.324	3	15
665	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1518	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	35847.316	23931.456	2.5	16
666	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1519	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35836.557	23922.402	2.1	16
667	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1520	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35850.861	23917.783	1.8	30
668	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1521	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35855.114	23920.999	1.8	30
669	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1522	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35858.743	23925.122	1.3	30
670	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1523	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35861.817	23927.666	1.8	30
671	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1524	*Falcataria moluccana*	Fabaceae	Exotic	Naturalised	Tree	35865.693	23917.443	1.3	25
672	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1525	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35880.28	23921.032	1.1	16
673	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1526	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	35877.735	23913.941	2	16
674	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1527	*Macaranga hullettii*	Euphorbiaceae	Native	Critically Endangered	Tree	35879.834	23910.559	1.3	4
675	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1528	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35887.512	23931.167	8	20
676	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1529	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	35868.115	23930.464	2	6
677	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1530	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36069.817	24033.709	1.9	16
678	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1531	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	36056.748	24042.865	1.7	14
679	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1532	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36056.109	24075.565	1.2	18
680	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1533	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36055.052	24079.032	1	16
681	Forested Area Adjacent to Fairways Quarters	2021-11-11	HE1534	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	36061.171	24084.326	1.1	10
682	Forested Area Adjacent to Fairways Quarters	2022-03-15	HE4600	*Litsea firma*	Lauraceae	Native	Vulnerable	Tree	36052.36285	23856.08389	0.5	9

Appendix G3

List of Specimens Assessed by Certified Arborists in Windsor

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
1	Windsor	2020-06-18	WS066	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38034.564	26576.224	1.5	15	1) Good health, 2) Slight lean towards North, 3) Root flare obvious, 4) Sign of uprooting facing South, 5) Heavy lateral arm, 6) Asymmetric canopy
2	Windsor	2020-06-18	WS067	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38030.281	26579.551	1.6	16	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5) Previously pollarded, 6) Multiple stems
3	Windsor	2020-06-18	WS068	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38027.586	26578.507	1	14	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5) Previously pollarded, 6) Assessment limited by epiphytes
4	Windsor	2020-06-18	WS069	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38027.063	26578.644	1.3	14	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5) Previously pollarded, 6) Asymmetric crown
5	Windsor	2020-06-18	WS070	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38019.9	26566.923	1.9	17	1) Good health, 2) Root flare obvious, 3) Tension root obvious, 4) Heavy lateral arm, 5) Termite trails present
6	Windsor	2020-06-18	WS071	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38017.618	26567.81	1.8	17	1) Good health, 2) Growing on top of slope, 3) Root flare obvious, 4) Surface roots extend up to 2 m, 5) Heavy lateral arm, 6) Termite trails present
7	Windsor	2020-06-18	WS072	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38011.784	26568.595	1	17	1) Good health, 2) Growing on slope, 3) Root flare obvious, 4) Surface roots spread up to 1.5 m, 5) Asymmetric crown
8	Windsor	2020-06-18	WS073	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38006.487	26564.442	1.1	17	1) Good health, 2) Growing on slope, 3) Root flare obvious, 4) Surface roots spread up to 1.5 m, 5) Possible decay on trunk at height 7 m, 6) Asymmetric crown,
9	Windsor	2020-06-18	WS074	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38003.74	26560.368	1	15	1) Good health, 2) Growing on slope, 3) Root flare obvious, 4) Asymmetric crown, 5) No significant defects
10	Windsor	2020-06-18	WS075	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38003.056	26558.509	1	15	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5) Surface roots spread up to 1 m, 6) Asymmetric crown
11	Windsor	2020-06-18	WS076	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	37988.711	26548.916	1.2	16	1) Good health, 2) Leaning East, 3) Root flare obvious, 4) Heavy lateral arm, 5) Asymmetric crown, 6) Assessment limited by climbers
12	Windsor	2020-06-18	WS077	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	37986.868	26548.039	1.2	17	1) Good health, 2) Growing on slope, 3) Root flare obvious, 4) Surface roots spread up to 1.5 m, 5) Asymmetric crown, 6) Assessment limited by climbers
13	Windsor	2020-06-18	WS078	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	37982.965	26547.223	1.8	18	1) Storm vulnerable, 2) Low retention value
14	Windsor	2020-06-18	WS079	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	37978.464	26547.273	1.3	17	1) Good health, 2) Growing on slope, 3) Assessment limited by climbers
15	Windsor	2020-06-18	WS080	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	37980.499	26548.941	1.2	15	1) Good health, 2) Leaning South, 3) Growing on top of slope, 4) Heavy lateral arm
16	Windsor	2020-06-18	WS081	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	37972.21	26546.006	1.1	15	1) Average health, 2) Growing on slope, 3) Root flare obvious, 4) Surface roots spread up to 1 m, 5) Assessment limited by climbers
17	Windsor	2020-06-18	WS082	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	37951.627	26537.979	1.6	12	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Surface roots spread up to 2 m, 5) Previously pollarded, 6) Mechanical injury on trunk flare
18	Windsor	2020-06-18	WS083	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	37947.152	26539.297	1	10	1) Good health, 2) Poor tree form, 3) Leaning South, 4) Growing on slope, 5) Root flare obvious, 6) Heavy lateral arm
19	Windsor	2020-06-18	WS084	*Bridelia tomentosa*	Phyllanthaceae	Native	Common	Tree	37936.351	26529.806	1.3	9	1) Good health, 2) Growing on slope, 3) Root flare obvious, 4) Surface roots spread up to 1.5 m, 5) Tension roots, 6) Mechanical damage to root flares, 7) Previously pollarded, 8) Assessment limited by watershoots
20	Windsor	2020-06-18	WS085	*Alstonia angustiloba*	Apocynaceae	Native	Common	Tree	37934.975	26529.154	3.3	28	1) Growing on slope, 2) Root flare obvious, 3) Surface roots spread up to 3 m, 4) V-shaped bifurcation with bulge, 5) Assessment limited by climbers
21	Windsor	2020-06-18	WS086	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	37980.324	26570.63	1	9	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5) Previously pollarded
22	Windsor	2020-06-18	WS087	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	37986.935	26571.062	1	10	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5) Previously pollarded, 6) No significant defects
23	Windsor	2020-06-18	WS088	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	37997.492	26575.675	1	10	1) Good health, 2) Growing on slope, 3) Root flare obvious, 4) U-shaped bifurcation, 5) Assessment limited by climbers
24	Windsor	2020-06-18	WS089	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	37996.965	26573.93	1.2	8	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5), Surface roots spread up to 1.5 m, 6) Previously pollarded, 7) No significant defects
25	Windsor	2020-06-18	WS090	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38012.27	26582.184	1.1	9	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5) U-shaped bifurcation, 6) Previously pollarded
26	Windsor	2020-06-18	WS091	*Ixonanthes reticulata*	Ixonanthaceae	Native	Common	Tree	38012.965	26584.064	1.1	9	1) Good health, 2) Growing on slope, 3) Root flare obvious, 4) Previously pollarded, 5) No significant defects observed
27	Windsor	2020-06-18	WS092	*Ficus variegata*	Moraceae	Native	Common	Tree	38056.527	26605.513	1.1	9	1) Good health, 2) Poor tree form, 3) Growing on slope, 4) Root flare obvious, 5) Previously pollarded
28	Windsor	2020-06-18	WS093	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38069.74	26612.075	1.7	9	1) Good health, 2) Growing on slope, 3) Root flare obvious, 4) V-shaped bifurcation with bulge, 5) Previously pollarded, 6) Poor tree form, 7) Assessment limited by climbers
29	Windsor	2020-06-18	WS094	*Ficus variegata*	Moraceae	Native	Common	Tree	38070.651	26612.634	1	9	1) Poor tree form, 2) Growing on slope, 3) Root flare obvious, 4) Mechanical damage on root flares and trunk, 5) Previously pollarded
30	Windsor	2020-06-18	WS095	*Cyrtophyllum fragrans*	Gentianaceae	Native	Common	Tree	38114.363	26585.863	3.1	20	1) Good health, 2) Leaning East, 3) Growing on slope, 4) V-shaped bifurcation, 5) Asymmetric crown, 6)Assessment limited by undergrowth
31	Windsor	2020-06-17	WS001	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	37900.643	26491.846	1.6	13	1) Good health, 2) U-shaped bifurcation, 3) Asymmetric canopy, 4) Growing on slope
32	Windsor	2020-06-17	WS002	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	37925.158	26494.044	3.05	13	1) Good health, 2) Extensive decay on one large surface root facing Southeast, 3) U-shaped bifurcation
33	Windsor	2020-06-17	WS003	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	37944.186	26508.533	3.4	13	1) Average health, 2) Extensive decay on trunk, 3) Assessment limited by climbers
34	Windsor	2020-06-17	WS004	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	37960.482	26525.573	2	12	1) Good health, 2) Extensive decay on trunk facing Northeast, 3) Assessment limited by climbers
35	Windsor	2020-06-17	WS005	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	37964.78	26524.612	4	15	1) Good health, 2) Root flare obvious, 3) Ficus growing on tree, 4) Assessment limited by epiphytes
36	Windsor	2020-06-17	WS006	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	37985.211	26537.75	2.6	18	1) Storm vulnerable, 2) Low retention value
37	Windsor	2020-06-17	WS007	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	37989.065	26542.703	1.3	13	1) Good health, 2) Assessment limited by climbers
38	Windsor	2020-06-17	WS008	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	37981.203	26539.215	1.15	13	1) Good health, 2) Root flare obvious, 3) No significant defects
39	Windsor	2020-06-17	WS009	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	37990.895	26543.031	1	12	1) Good health, 2) U-shaped bifurcation, 3) Assessment limited by climbers
40	Windsor	2020-06-17	WS010	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	37996.967	26546.336	10	18	1) Good health, 2) Assessment limited by climbers
41	Windsor	2020-06-17	WS011	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38005.434	26547.629	1.3	12	1) Good health, 2) Asymmetric lean towards Southeast, 3) Assessment limited by climbers
42	Windsor	2020-06-17	WS012	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38008.712	26544.018	1.6	10	1) Average health, 2) Extensive decay on trunk, 3) Low retention value, 4) Assessment limited by climbers
43	Windsor	2020-06-17	WS013	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38017.545	26550.226	1.1	13	1) Good health, 2) Assymmetrical canopy, 3) No significant defects
44	Windsor	2020-06-17	WS014	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38019.215	26554.649	1.6	15	1) Good health, 2) Root flare obvious, 3) No significant defects
45	Windsor	2020-06-17	WS015	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38022.375	26555.718	1.1	12	1) Good health, 2) Asymmetric lean towards Northwest
46	Windsor	2020-06-17	WS016	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38024.052	26554.081	1.2,1.3	18	1) Good health, 2) Root flare obvious, 2) No significant defects, 4) Cluster of two
47	Windsor	2020-06-17	WS017	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38024.237	26558.579	1.4	18	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 2) No significant defects
48	Windsor	2020-06-17	WS018	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38025.996	26560.761	1	15	1) Good health, 2) No significant defects
49	Windsor	2020-06-17	WS019	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38023.782	26566.444	1.1	15	1) Good health, 2) Asymmetric lean towards Southeast, 3) Growing next to WS018
50	Windsor	2020-06-17	WS020	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38023.804	26565.315	2	15	1) Good health, 2) No significant defects
51	Windsor	2020-06-17	WS021	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38029.848	26566.702	2	14	1) Good health, 2) Low V-shaped bifurcation
52	Windsor	2020-06-17	WS022	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38029.3	26558.474	1.2	15	1) Good health, 2) No significant defects
53	Windsor	2020-06-17	WS023	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38033.29	26561.151	1.1	15	1) Good health, 2) No significant defects
54	Windsor	2020-06-17	WS024	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38041.432	26562.414	2.8	15	1) Storm vulnerable, 2) Low retention value
55	Windsor	2020-06-17	WS025	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38047.382	26560.424	1.1	15	1) Good health, 2) Assessment limited by climbers
56	Windsor	2020-06-17	WS026	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38048.562	26564.398	1.2	15	1) Good health, 2) Decay on palm base and on trunk at height 1.6 m, 3) Assessment limited by climbers
57	Windsor	2020-06-17	WS027	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38054.353	26563.693	2.8	14	1) Storm vulnerable species, 2) Low retention value
58	Windsor	2020-06-17	WS028	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38049.16	26570.692	1.3	20	1) Good health, 2) Root flare obvious, 3) Abnormal bark crack on trunk, 4) Galeopterus variegatus spotted on this tree
59	Windsor	2020-06-17	WS029	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38056.039	26573.703	1	14	1) Good health, 2) Assessment limited by climbers
60	Windsor	2020-06-17	WS030	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38056.658	26576.941	1.1	14	1) Good health, 2) No significant defects
61	Windsor	2020-06-17	WS031	*Ficus variegata*	Moraceae	Native	Common	Tree	38058.624	26578.574	2	15	1) Good health, 2) Root flare obvious, 3) No significant defects
62	Windsor	2020-06-17	WS032	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38063.601	26573.086	1.2	13	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
63	Windsor	2020-06-17	WS033	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38064.732	26572.804	1	9	1) Root flare obvious, 2) Growing next to WS032
64	Windsor	2020-06-17	WS034	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38067.835	26574.369	1.3	16	1) Root flare obvious, 2) Asymmetric canopy
65	Windsor	2020-06-17	WS035	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38069.386	26578.885	1.1	12	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) No significant defects
66	Windsor	2020-06-17	WS036	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38072.91	26577.44	1.6	9	1) Good health, 2) Root flare obvious, 3) Asymmetric lean towards Northwest
67	Windsor	2020-06-17	WS037	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38080.74	26578.074	1.1	15	1) Good health, 2) No significant defects
68	Windsor	2020-06-17	WS038	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38080.991	26579.52	1.3	19	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
69	Windsor	2020-06-17	WS039	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38085.483	26583.485	2.2	11	1) Good health, 2) No significant defects
70	Windsor	2020-06-17	WS040	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38082.422	26585.477	2.4	19	1) Storm vulnerable species, 2) Low retention value
71	Windsor	2020-06-17	WS041	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38086.657	26589.537	1.1	16	1) Good health, 2) No significant defects
72	Windsor	2020-06-17	WS042	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38082.805	26589.824	1.1	11	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Assessment limited by massive watershoots
73	Windsor	2020-06-17	WS043	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38079.737	26591.234	1.1	14	1) Good health 2) Root flare obvious, 3) No significant defects
74	Windsor	2020-06-17	WS044	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38079.083	26594.917	2.4	20	1) Good health, 2) Root flare obvious, 3) No significant defects
75	Windsor	2020-06-17	WS045	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38080.844	26595.186	1.1	13	1) Good health, 2) No significant defects
76	Windsor	2020-06-17	WS046	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38082.384	26591.86	1.3	14	1) Good health, 2) Decay on trunk
77	Windsor	2020-06-17	WS047	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38086.993	26593.983	1.1	12	1) Good health, 2) No significant defects
78	Windsor	2020-06-17	WS048	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38084.324	26597.844	1.2	8	1) Average health, 2) Root flare obvious, 3) Partial canopy dieback
79	Windsor	2020-06-17	WS049	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38093.96	26588.186	1.1	15	1) Good health, 2) No significant defects
80	Windsor	2020-06-17	WS050	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38095.096	26598.81	2.2	20	1) Good health, 2) Root flare obvious, 3) No significant defects
81	Windsor	2020-06-17	WS051	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	38100.584	26618.124	2.6	16	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
82	Windsor	2020-06-17	WS052	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38099.963	26616.709	2.4	16	1) Storm vulnerable, 2) Low retention value
83	Windsor	2020-06-17	WS053	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	38103.428	26624.489	2.8	20	1) Good health, 2) Asymmetric canopy, 3) Assessment limited by climbers
84	Windsor	2020-06-17	WS054	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	38097.934	26622.857	1.2	12	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) No significant defects
85	Windsor	2020-06-17	WS055	*Khaya senegalensis*	Meliaceae	Exotic	Cultivated Only	Tree	38092.091	26622.97	3	18	1) Good health 2) Root flare obvious, 3) No significant defects
86	Windsor	2020-06-17	WS056	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38079.815	26602.171	1.4	8	1) Average health, 2) Root flare obvious, 3) Decay on branches, 4) Past canopy failure, 5) Low retention value
87	Windsor	2020-06-17	WS057	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38070.13	26590.044	1.2	8	1) Average health, 2) Root flare obvious, 3) Past canopy failure, 4) Low retention value
88	Windsor	2020-06-17	WS058	*Artocarpus heterophyllus*	Moraceae	Exotic	Casual	Tree	38073.176	26584.772	1.1	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by watershoot on trunk
89	Windsor	2020-06-17	WS059	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38067.438	26589.191	1.2	12	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) U-shaped bifurcation
90	Windsor	2020-06-17	WS060	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38062.312	26595.225	1.2	10	1) Good health, 2) Previously pollarded, 3) Assessment limited by thick undergrowth, cannot access, 4) Tag is about 3 m away from tree
91	Windsor	2020-06-17	WS061	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38053.962	26583.191	1	16	1) Good health, 2) No significant defects
92	Windsor	2020-06-17	WS062	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38052.283	26578.028	1.3	16	1) Good health, 2) Assessment limited by climbers
93	Windsor	2020-06-17	WS063	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree	38038.223	26588.204	1	14	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation, 4) Asymmetric canopy, 5) Growing on slope
94	Windsor	2020-06-17	WS064	*Ficus variegata*	Moraceae	Native	Common	Tree	38043.107	26590.36	1	10	1) Good health, 2) Root flare obvious, 3) Previous crown reduced, 4) Growing beside drain

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
95	Windsor	2020-06-17	WS065	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38043.47	26596.278	1.2	10	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation, 4) Asymmetric canopy, 5) Growing on slope
96	Windsor	2020-06-25	WS096	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38134.509	26634.548	1.1	16	1) Good health, 2) Surface roots spread up to 1.5 m, 3) Root flare obvious, 4) Asymmetric canopy, 5) Assessment limited by climbers and understory
97	Windsor	2020-06-25	WS097	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38146.317	26627.667	1.5	12	1) Good health, 2) No significant defects
98	Windsor	2020-06-25	WS098	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	38143.737	26630.129	2.4	14	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Poor wound wood formation from previous branch failure, 5) Canopy growth affected by neighbouring Elaeis guineensis, 6) Growing on slope
99	Windsor	2020-06-25	WS099	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38144.909	26627.908	1.3	5	1) Good health, 2) Root flare obvious, 3) Trunk bow, 4) Heavy lateral arm
100	Windsor	2020-06-25	WS100	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38140.388	26602.054	1.3	8	1) Good health, 2) Root flare obvious, 3) Signs of root uplifting facing South, 4) V-shaped bifurcation, 5) Heavy lateral arm, 6) Leaning North
101	Windsor	2020-06-25	WS101	*Ilex cymosa*	Aquifoliaceae	Native	Common	Tree	38139.443	26597.212	1.4	15	1) Good health, 2) Root flare obvious, 3) Possible decay at tree base facing east, 4) V-shaped bifurcation with bulge, 5) Heavy lateral arm, 6) Leaning South
102	Windsor	2020-06-25	WS102	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38137.326	26598.238	1.2	12	1) Good health, 2) Root flare obvious, 3) Trunk roots obvious, 4) Heavy lateral arm, 5) Assessment limited by epiphytes, 6) Leaning Southwest
103	Windsor	2020-06-25	WS103	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38133.312	26593.48	1.5	5	1) Storm vulnerable, 2) Low retention value
104	Windsor	2020-06-25	WS104	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38130.215	26593.662	2.5	9	1) Good health, 2) No significant defects
105	Windsor	2020-06-25	WS105	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38129.642	26591.44	2	8	1) Good health, 2) No significant defects
106	Windsor	2020-06-25	WS106	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38128.846	26586.399	1.1	15	1) Good health, 2) Root flare obvious, 3) Possible previous branch failure, 4) Poor form, 5) Growing on slope, 6) Assessment limited by climbers
107	Windsor	2020-06-25	WS107	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38140.583	26650.327	1.4	15	1) Good health, 2) Root flare obvious, 3) Surface roots spread up to 3m, 4) Assessment limited by climbers
108	Windsor	2020-06-25	WS108	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38132.158	26658.081	1.4	18	1) Good health, 2) Root flare obvious, 3) Heavy lateral arm, 4) Assessment limited by climbers
109	Windsor	2020-06-25	WS109	*Aphanamixis polystachya*	Meliaceae	Native	Endangered	Tree	38125.826	26662.185	1.2	12	1) Good health, 2) Root flare obvious, 3) Tension roots obvious, 4) Leaning South, 5) Assessment limited by climbers
110	Windsor	2020-06-25	WS110	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38125.697	26666.902	1.7	15	1) Storm vulnerable, 2) Low retention value
111	Windsor	2020-06-25	WS111	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38121.668	26669.976	1	12	1) Good health, 2) Root flare obvious, 3) Surface roots spread up to 1 m, 4) Heavy lateral arm, 5) Asymmetric canopy, 6) Assessment limited by climbers
112	Windsor	2020-06-25	WS112	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38123.052	26670.808	1.1	12	1) Good health, 2) Root flare obvious, 3) Surface roots spread up to 1.5 m, 4) Tension roots obvious, 5) Possible decay at 3m height facing East, 6) Asymmetric canopy, 7) Assessment limited by climbers
113	Windsor	2020-06-25	WS113	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	38128.328	26685.746	2.4	18	1) Good health, 2) Root flare obvious, 3) Surface roots spread up to 2.5 m, 4) No significant defects
114	Windsor	2020-06-25	WS114	*Palaquium obovatum*	Sapotaceae	Native	Vulnerable	Tree	38126.312	26689.384	0.3	8	1) Good health, 2) No significant defects
115	Windsor	2020-06-25	WS115	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38125.377	26692.84	1.4	12	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Heavy lateral arm, 5) Asymmetric canopy, 6) Leaning Southeast
116	Windsor	2020-06-25	WS116	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38126.588	26699.676	1.4	12	1) Good health, 2) Root flare obvious, 3) Surface roots spread up to 2 m, 4) Heavy lateral arm, 5) Asymmetric canopy, 6) Leaning Southwest
117	Windsor	2020-06-25	WS117	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38137.331	26700.419	1.3	16	1) Good health, 2) Root flare obvious, 3) Surface roots spread up to 1.5 m, 4) Heavy lateral arm, 5) No significant defects
118	Windsor	2020-06-25	WS118	*Ficus variegata*	Moraceae	Native	Common	Tree	38139.074	26698.93	1	16	1) Average health, 2) Root flare obvious, 3) Surface roots spread up to 1 m, 4) Mechanical damage on flare, 5) Trunk bow, 6) Heavy lateral arm, 7) Poor form, 8) Leaning Northeast
119	Windsor	2020-06-25	WS119	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38136.562	26692.997	1.5	17	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation
120	Windsor	2020-06-25	WS120	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38134.032	26690.948	1.3	12	1) Good health, 2) No significant defects
121	Windsor	2020-06-25	WS121	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38143.909	26685.161	1.2	10	1) Average health, 2) Root flare obvious, 3) Extensive decay on branch and trunk, 4) Low retention value
122	Windsor	2020-06-25	WS122	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	38138.286	26680.1	1.8	18	1) Good health, 2) Root flare obvious, 3) No significant defects
123	Windsor	2020-06-25	WS123	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38133.668	26675.784	1	15	1) Storm vulnerable, 2) Low retention value
124	Windsor	2020-06-25	WS124	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38132.453	26664.595	1.6	18	1) Good health, 2) No significant defects
125	Windsor	2020-06-25	WS125	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38138.217	26662.958	2.1	16	1) Good health, 2) Root flare obvious, 3) Crossed branches, 4) Poor branch form, 5) Heavy lateral arm
126	Windsor	2020-06-25	WS126	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38147.546	26653.816	1	10	1) Average health, 2) Root flare obvious, 3) V-shaped bifurcation, 4) Poor structure
127	Windsor	2020-06-25	WS127	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	38148.214	26655.394	1	18	1) Good health, 2) Root flare obvious, 3) Surface roots spread up to 3m, 4) Trunk bow
128	Windsor	2020-06-25	WS128	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	38151.18	26666.445	1.4	16	1) Good health, 2) Root flare obvious, 3) Crossed/fused branches, 4) Heavy lateral arm
129	Windsor	2020-06-25	WS129	*Ficus variegata*	Moraceae	Native	Common	Tree	38150.099	26672.727	1.2	18	1) Good health, 2) Root flare obvious, 3) Heavy lateral arm, 4) Asymmetric canopy, 5) Growing on slope
130	Windsor	2020-06-25	WS130	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	38149.917	26674.647	1.5	12	1) Good health, 2) Root flare obvious, 3) Self-corrected lean North at canopy, 4) Assessment limited by undergrowth
131	Windsor	2020-06-25	WS131	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38150.156	26683.444	1.1	15	1) Good health, 2) Root flare obvious, 3) Heavy lateral arm, 4) Growing on slope, 5) Leaning South, 6) No significant defects
132	Windsor	2020-06-25	WS132	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	38147.915	26682.67	1.3	15	1) Good health, 2) Extensive decay on trunk from base up to height 1.5 m, 3) U-shaped bifurcation, 4) Asymmetric canopy, 5) Growing on slope
133	Windsor	2020-06-25	WS133	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38153.271	26691.307	1.1	15	1) Average health, 2) Root flare obvious, 3) Asymmetric canopy
134	Windsor	2020-06-25	WS134	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38152.319	26695.119	1.1	15	1) Good health, 2) Root flare obvious, 3) Trunk bow, 4) Growing on slope
135	Windsor	2020-06-25	WS135	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38152.877	26695.28	2	8	1) Good health, 2) No significant defects
136	Windsor	2020-06-29	WS136	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38136.745	26756.739	1.5	12	1) Good health, 2) Decay on trunk at height height 3 m facing Northwest
137	Windsor	2020-06-29	WS137	*Archontophoenix alexandrae*	Arecaceae	Exotic	Cultivated Only	Tree	38136.195	26753.443	1	14	1) Good health, 2) No significant defects
138	Windsor	2020-06-29	WS138	*Garcinia mangostana*	Clusiaceae	Exotic	Casual	Tree	38138.064	26749.113	1.5	13	1) Good health, 2) Decay at tree base, 3) Decay on trunk at height 4 m facing Southeast, 4) Decay on trunk at height 1.6 m facing Northeast
139	Windsor	2020-06-29	WS139	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	38128.569	26727.764	1.7	16	1) Good health, 2) V-shaped bifurcation, 3) Asymmetric canopy
140	Windsor	2020-06-29	WS140	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	38130.093	26720.012	1.7	16	1) Good health, 2) Root flare obvious, 3) No significant defects
141	Windsor	2020-06-29	WS141	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38150.411	26707.458	2.5	8	1) Good health, 2) No significant defects
142	Windsor	2020-06-29	WS142	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38154.875	26707.567	2.5	8	1) Good health, 2) No significant defects
143	Windsor	2020-06-29	WS143	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38153.671	26707.557	2.5	8	1) Good health, 2) No significant defects
144	Windsor	2020-06-29	WS144	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	38156.5	26709.63	4	16	1) Good health, 2) Assessment limited by climbers
145	Windsor	2020-06-29	WS145	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38154.26	26713.471	1.9	9	1) Good health, 2) No significant defects
146	Windsor	2020-06-29	WS146	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38156.547	26713.703	2.5	8	1) Good health, 2) No significant defects
147	Windsor	2020-06-29	WS147	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38156.328	26726.921	1.7	15	1) Good health, 2) No significant defects
148	Windsor	2020-06-29	WS148	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	38156.232	26723.324	1.8	16	1) Good health, 2) Root flare obvious, 3) No significant defects
149	Windsor	2020-06-29	WS149	*Dimocarpus longan ssp. malesianus*	Sapindaceae	Exotic	Casual	Tree	38150.492	26728.934	2.2	18	1) Good health, 2) Root flare obvious, 3) No significant defects
150	Windsor	2020-06-29	WS150	*Dimocarpus longan ssp. malesianus*	Sapindaceae	Exotic	Casual	Tree	38143.014	26729.587	2.2	14	1) Good health, 2) Asymmetric canopy, 3) Asymmetric canopy
151	Windsor	2020-06-29	WS151	*Garcinia mangostana*	Clusiaceae	Exotic	Casual	Tree	38147.609	26743.566	1.35	16	1) Good health, 2) Decay at tree base facing South, 3) Low retention value
152	Windsor	2020-06-29	WS152	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38150.317	26746.252	2.2	1.6	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of trees in proximity
153	Windsor	2020-06-29	WS153	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38160.211	26741.143	1.8	12	1) Good health, 2) No significant defects
154	Windsor	2020-06-29	WS154	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	38149.281	26761.044	2.5	15	1) Good health, 2) No significant defects, 3) Host tree is Pterocarpus indicus
155	Windsor	2020-06-29	WS155	*Garcinia mangostana*	Clusiaceae	Exotic	Casual	Tree	38158.123	26772.331	1.2	12	1) Good health, 2) Root flare obvious, 3) Pocket decay along trunk
156	Windsor	2020-06-29	WS156	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	38164.968	26772.329	1.8	20	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of trees in proximity
157	Windsor	2020-06-29	WS157	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	38165.791	26778.494	3	20	1) Good health, 2) Small cavity on trunk at height 1.6 m facing West
158	Windsor	2020-06-29	WS158	*Vitex pinnata*	Lamiaceae	Native	Common	Tree	38171.258	26784.281	1.1	11	1) Good health, 2) Asymmetric lean towards Southeast
159	Windsor	2020-06-29	WS159	*Archontophoenix alexandrae*	Arecaceae	Exotic	Cultivated Only	Tree	38165.424	26786.536	1	14	1) Good health, 2) Root flare obvious, 3) At edge of managed turf
160	Windsor	2020-06-29	WS160	*Archontophoenix alexandrae*	Arecaceae	Exotic	Cultivated Only	Tree	38166.234	26794.574	1	15	1) Good health, 2) No significant defects
161	Windsor	2020-06-29	WS161	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38167.095	26792.332	1.6	12	1) Good health, 2) No significant defects
162	Windsor	2020-06-29	WS162	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38170.063	26807.971	1.2	16	1) Good health, 2) No significant defects
163	Windsor	2020-06-29	WS163	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38171.628	26808.562	2.1	16	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
164	Windsor	2020-06-29	WS164	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38164.035	26815.233	1.1	15	1) Good health, 2) No significant defects
165	Windsor	2020-06-29	WS165	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38161.947	26821.414	1.2	13	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation
166	Windsor	2020-06-29	WS166	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38172.074	26828.484	1	15	1) Good health, 2) No significant defects
167	Windsor	2020-06-29	WS167	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38169.67	26826.705	1.2	16	1) Good health, 2) No significant defects
168	Windsor	2020-06-29	WS168	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38174.074	26833.096	1	14	1) Good health, 2) Assessment limited by climbers
169	Windsor	2020-06-29	WS169	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38166.043	26836.406	1	12	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Decay on branches
170	Windsor	2020-06-29	WS170	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38164.387	26838.064	1.4	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
171	Windsor	2020-06-29	WS171	*Bouea macrophylla*	Anacardiaceae	Native	Critically Endangered	Tree	38177.358	26855.958	1.2	12	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
172	Windsor	2020-06-29	WS172	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38174.164	26866.793	2.6	16	1) Storm vulnerable, 2) Low retention value
173	Windsor	2020-06-29	WS173	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38174.777	26871.458	2	20	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
174	Windsor	2020-06-29	WS174	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38175.26	26871.256	1.5	20	1) Good health, 2) Root flare obvious, 3) No significant defects
175	Windsor	2020-06-29	WS175	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38168.275	26871.892	1.8	14	1) Good health, 2) No significant defects
176	Windsor	2020-06-29	WS176	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	38161.262	26875.044	1.1	15	1) Good health, 2) No significant defects
177	Windsor	2020-06-29	WS177	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38157.108	26869.483	2.5	20	1) Good health, 2) Root flare obvious, 3) Cavity forming on trunk at height 1.6 m facing East, 4) Assessment limited by climbers
178	Windsor	2020-06-29	WS178	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38153.732	26865.07	1.6	20	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation 4) Assessment limited by climbers
179	Windsor	2020-06-29	WS179	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38154.781	26843.87	2	20	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
180	Windsor	2020-06-29	WS180	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38151.476	26835.753	1.3	15	1) Storm vulnerable, 2) Low retention value
181	Windsor	2020-06-29	WS181	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	38151.009	26834.826	1.1	18	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) Asymmetric canopy, 5) No significant defects
182	Windsor	2020-06-29	WS182	*Archontophoenix alexandrae*	Arecaceae	Exotic	Cultivated Only	Tree	38157.389	26832.351	1.1	18	1) Good health, 2) No significant defects
183	Windsor	2020-06-29	WS183	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	38152.655	26827.061	1.4	18	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) No significant defects
184	Windsor	2020-06-29	WS184	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38156.663	26806.524	2	14	1) Storm vulnerable, 2) Low retention value, 3) Access limited by thick scrubland, 4) Tag is 3 m from waypoint
185	Windsor	2020-06-29	WS185	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38151.513	26810.838	2	14	1) Storm vulnerable, 2) Low retention value
186	Windsor	2020-06-29	WS186	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38135.779	26803.745	1.7	14	1) Good health, 2) Root flare obvious, 3) Decay on branch
187	Windsor	2020-06-29	WS187	*Dimocarpus longan ssp. malesianus*	Sapindaceae	Exotic	Casual	Tree	38148.688	26779.872	2.4	15	1) Good health, 2) Extensive decay on trunk, 3) Low retention value
188	Windsor	2020-06-29	WS188	*Archontophoenix alexandrae*	Arecaceae	Exotic	Cultivated Only	Tree	38147.8	26779.786	1	13	1) Good health, 2) No significant defects

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
189	Windsor	2020-06-29	WS189	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38137.148	26804.454	1.5	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
190	Windsor	2020-06-29	WS190	*Syzygium aqueum*	Myrtaceae	Exotic	Cultivated Only	Tree	38139.281	26810.558	1.5	14	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
191	Windsor	2020-06-29	WS191	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38133.206	26817.691	1.4	14	1) Good health, 2) No significant defects
192	Windsor	2020-06-29	WS192	*Averrhoa carambola*	Oxalidaceae	Exotic	Casual	Tree	38127.231	26817.856	1.2	9	1) Good health, 2) Root flare obvious, 3) No significant defects
193	Windsor	2020-06-29	WS193	*Ficus fistulosa*	Moraceae	Native	Common	Tree	38133.077	26823.678	1.3	8	1) Good health, 2) Root flare obvious, 3) Multiple trunk attachments, 4) Asymmetric canopy, 5) Assessment limited by climbers
194	Windsor	2020-06-29	WS194	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38143.775	26826.597	1.3	5	1) Storm vulnerable, 2) Low retention value
195	Windsor	2020-06-29	WS195	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38140.216	26836.277	2.8	15	1) Storm vulnerable, 2) Low retention value
196	Windsor	2020-06-30	WS196	*Dimocarpus longan* ssp. *malesianus*	Sapindaceae	Exotic	Casual	Tree	38122.71	26833.06	2.4	12	1) Good health, 2) Root flare obvious, 3) Pocket decay on primary branch
197	Windsor	2020-06-30	WS197	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38125.492	26829.072	1.2	14	1) Good health, 2) Cavity at palm base
198	Windsor	2020-06-30	WS198	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38126.058	26828.838	1.3	14	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
199	Windsor	2020-06-30	WS199	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38128.508	26830.433	1.8	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
200	Windsor	2020-06-30	WS200	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38131.114	26832.772	2	14	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
201	Windsor	2020-06-30	WS201	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38138.548	26840.926	2.4	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of trees in proximity
202	Windsor	2020-06-30	WS202	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	38139.303	26856.783	1.8	14	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation
203	Windsor	2020-06-30	WS203	*Samanea saman*	Fabaceae	Exotic	Casual	Tree	38135.57	26865.342	1.4	10	1) Good health, 2) Root flare obvious, 3) Asymmetric lean towards south
204	Windsor	2020-06-30	WS204	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38119.11	26850.597	1.5	20	1) Good health, 2) Strangled by Ficus microcarpa
205	Windsor	2020-06-30	WS205	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38119.142	26852.822	1.8	13	1) Good health, 2) Assessment limited by climbers, 3) Growing next to retaining wall
206	Windsor	2020-06-30	WS206	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38119.295	26860.538	1.2	14	1) Good health, 2) Root flare obvious, 3) No significant defects
207	Windsor	2020-06-30	WS207	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38117.787	26878.691	2	12	1) Good health, 2) No significant defects
208	Windsor	2020-06-30	WS208	*Mangifera indica*	Anacardiaceae	Exotic	Casual	Tree	38114.62	26869.873	2	16	1) Good health, 2) Assessment limited by climbers and canopies of trees in proximity
209	Windsor	2020-06-30	WS209	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38114.013	26871.032	1.3	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers, 4) Growing beside drain
210	Windsor	2020-06-30	WS210	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	38116.794	26888.342	1.4	11	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Within managed area
211	Windsor	2020-06-30	WS211	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	38129.263	26888.78	1.6	14	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation
212	Windsor	2020-06-30	WS212	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	38121.213	26899.084	1.5	14	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation
213	Windsor	2020-06-30	WS213	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	38111.943	26901.81	4.5	20	1) Good health, 2) Root flare obvious, 3) Pocket decay on trunk, 4) Leaf miner infestation, 5) Assessment limited by epiphytes
214	Windsor	2020-06-30	WS214	*Pterocarpus indicus*	Fabaceae	Exotic	Casual	Tree	38108.578	26907.894	4.5	20	1) Good health, 2) Root flare obvious 3) Assessment limited by epiphytes and climbers
215	Windsor	2020-06-30	WS215	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38145.83	26902.907	1.6	18	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
216	Windsor	2020-06-30	WS216	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38147.045	26901.312	1	12	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation
217	Windsor	2020-06-30	WS217	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38146.068	26900.701	1	15	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
218	Windsor	2020-06-30	WS218	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	38146.263	26891.769	1.4	16	1) Good health, 2) Root flare obvious, 3) Decay on primary branch near bifurcation
219	Windsor	2020-06-30	WS219	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38139.815	26890.668	1.9	16	1) Storm vulnerable, 2) Low retention value
220	Windsor	2020-06-30	WS220	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38149.097	26884.947	1.1	20	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
221	Windsor	2020-06-30	WS221	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38160.275	26884.696	2	18	1) Storm vulnerable, 2) Low retention value
222	Windsor	2020-06-30	WS222	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38156.563	26888.899	1.1	20	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
223	Windsor	2020-06-30	WS223	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38164.357	26891.392	1.3	15	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation
224	Windsor	2020-06-30	WS224	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38177.895	26907.677	1.2	18	1) Good health, 2) No significant defects
225	Windsor	2020-06-30	WS225	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38175.485	26906.665	1	16	1) Good health, 2) No significant defects
226	Windsor	2020-06-30	WS226	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38179.83	26905.833	1	19	1) Good health, 2) Root flare obvious, 3) No significant defects
227	Windsor	2020-06-30	WS227	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38184.33	26902.007	1.1	19	1) Good health, 2) Root flare obvious, 3) No significant defects
228	Windsor	2020-06-30	WS228	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38184.933	26898.991	1	16	1) Good health, 2) No significant defects
229	Windsor	2020-06-30	WS229	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	38184.165	26888.639	3	18	1) Good health, 2) No significant defects
230	Windsor	2020-06-30	WS230	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38184.673	26888.035	1.1	10	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of trees in proximity
231	Windsor	2020-06-30	WS231	*Ficus benjamina*	Moraceae	Cryptogenic	-	Strangler	38182.183	26892.194	2	16	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation
232	Windsor	2020-06-30	WS232	*Andira inermis*	Fabaceae	Exotic	Casual	Tree	38170.509	26884.607	1	8	1) Poor health, 2) Root flare obvious, 3) Bark no smell no sap, 4) Past canopy failure, 5) Compound, imparipinnate leaf
233	Windsor	2020-06-30	WS233	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38162.52	26907.68	1.4	20	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of trees in proximity
234	Windsor	2020-06-30	WS234	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38164.333	26912.115	1.2	17	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation, 4) No significant defects
235	Windsor	2020-06-30	WS235	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38163.239	26917.749	2.1	14	1) Average health, 2) Root flare obvious, 3) Low bifurcation, 4) Partial canopy dieback
236	Windsor	2020-06-30	WS236	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38156.387	26919.975	1.5	10	1) Average health 2) Large decay on trunk, 3) Asymmetric canopy, 4) Low retention value
237	Windsor	2020-06-30	WS237	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38167.014	26935.281	1	12	1) Poor health, 2) Total canopy dieback, 3) Low retention value
238	Windsor	2020-06-30	WS238	*Campnosperma auriculatum*	Anacardiaceae	Native	Common	Tree	38180.518	26933.544	2.4	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
239	Windsor	2020-06-30	WS239	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38188.885	26923.452	1.8	8	1) Good health, 2) Assessment limited by climbers
240	Windsor	2020-06-30	WS240	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38187.932	26913.899	1.8	9	1) Good health, 2) No significant defects
241	Windsor	2020-06-30	WS241	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38188.675	26913.407	1.9	9	1) Good health, 2) No significant defects
242	Windsor	2020-06-30	WS242	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38191.201	26910.365	2	8	1) Good health, 2) No significant defects
243	Windsor	2020-06-30	WS243	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38187.156	26901.025	2	8	1) Good health, 2) No significant defects
244	Windsor	2020-06-30	WS244	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38192.542	26934.397	1.8	10	1) Good health, 2) No significant defects
245	Windsor	2020-06-30	WS245	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38191.822	26933.499	2	10	1) Good health, 2) No significant defects, 3) Cluster of four
246	Windsor	2020-06-30	WS246	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38190.77	26958.37	1	12	1) Good health, 2) Lean towards Northwest, 3) Extensive decay on trunk, 4) Low retention value
247	Windsor	2020-06-30	WS247	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38186.648	26960.529	1.5	12	1) Good health, 2) Asymmetric lean towards North, 3) Tension root present
248	Windsor	2020-06-30	WS248	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38181.03	26960.008	1.8	17	1) Good health, 2) Root flare obvious, 3) Decay on trunk
249	Windsor	2020-06-30	WS249	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38181.765	26968.036	1.6	16	1) Good health, 2) Root flare obvious, 3) No significant defects
250	Windsor	2020-06-30	WS250	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38189.658	26970.082	1.7	12	1) Good health, 2) No significant defects
251	Windsor	2020-06-30	WS251	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38185.066	26979.109	1.1	12	1) Good health,2) Root flare obvious, 3) Asymmetric canopy, 3) Assessment limited by climbers
252	Windsor	2020-06-30	WS252	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38186.301	26976.858	2.1	10	1) Good health, 2) Root flare obvious, 3) V-shaped bifurcation, 4) Asymmetric canopy
253	Windsor	2020-06-30	WS253	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38187.661	26978.759	1.6	10	1) Good health, 2) No significant defects
254	Windsor	2020-06-30	WS254	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38193.628	26984.935	1.7	10	1) Good health, 2) No significant defects
255	Windsor	2020-06-30	WS255	*Syzygium polyanthum*	Myrtaceae	Native	Vulnerable	Tree	38195.311	26991.081	1.8	15	1) Good health, 2) Root flare obvious, 3) Large decay on trunk facing west
256	Windsor	2020-06-30	WS256	*Macaranga conifera*	Euphorbiaceae	Native	Common	Tree	38197.967	26989.618	1.3	12	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
257	Windsor	2020-06-30	WS257	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38199.84	26993.325	1	11	1) Good health, 2) No significant defects
258	Windsor	2020-07-01	WS258	*Ficus microcarpa*	Moraceae	Native	Common	Strangler	38111.928	26923.112	10	18	1) Good health, 2) Assessment limited by climbers
259	Windsor	2020-07-01	WS259	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38118.758	26924.368	2.7	18	1) Good health, 2) U-shaped bifurcation, 3) Growing next to retaining wall
260	Windsor	2020-07-01	WS260	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38137.671	26920.233	1.4	12	1) Good health, 2) Root flare obvious, 3) No significant defects
261	Windsor	2020-07-01	WS261	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38135.078	26916.776	1	8	1) Good health, 2) Uprooting pressure observed, 3) Low retention value
262	Windsor	2020-07-01	WS262	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38142.47	26923.254	1.2	13	1) Good health, 2) Asymmetric canopy, 3) Root flare obvious
263	Windsor	2020-07-01	WS263	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38147.261	26917.625	1.3	16	1) Good health, 2) No significant defects
264	Windsor	2020-07-01	WS264	*Baccaurea motleyana*	Phyllanthaceae	Native	Critically Endangered	Tree	38145.001	26913.831	1	13	1) Good health, 2) Root flare obvious, 3) No significant defects
265	Windsor	2020-07-01	WS265	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38155.979	26919.577	1.1	15	1) Good health, 2) No significant defects
266	Windsor	2020-07-01	WS266	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38154.287	26911.871	1	15	1) Good health, 2) No significant defects
267	Windsor	2020-07-01	WS267	*Peltophorum pterocarpum*	Fabaceae	Native	Critically Endangered	Tree	38143.511	26907.315	1	8	1) Average health, 2) Root flare obvious, 3) Asymmetric canopy
268	Windsor	2020-07-01	WS268	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38138.615	26919.426	1	15	1) Good health, 2) No significant defects
269	Windsor	2020-07-01	WS269	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38138.102	26933.945	1.1	10	1) Average health, 2) Poor form, 3) Past canopy failure resulting in massive re-sprouts
270	Windsor	2020-07-01	WS270	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38142.922	26927.89	1.2	14	1) Good health, 2) No significant defects
271	Windsor	2020-07-01	WS271	*Cocos nucifera*	Arecaceae	Exotic	Naturalised	Tree	38144.975	26925.313	1.1	14	1) Good health, 2) No significant defects
272	Windsor	2020-07-01	WS272	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38132.36	26929.973	1.5	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
273	Windsor	2020-07-01	WS273	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38121.874	26932.34	1.1	12	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
274	Windsor	2020-07-01	WS274	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38117.228	26935.686	2	10	1) Good health, 2) No significant defects
275	Windsor	2020-07-01	WS275	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38107.31	26934.504	1	9	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
276	Windsor	2020-07-01	WS276	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38109.061	26943.165	2.5	10	1) Good health, 2) No significant defects
277	Windsor	2020-07-01	WS277	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38111.132	26953.08	1	10	1) Storm vulnerable, 2) Low retention value
278	Windsor	2020-07-01	WS278	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38128.062	26952.448	1.1	16	1) Good health, 2) Asymmetric canopy, 3) Assessment limited by climbers
279	Windsor	2020-07-01	WS279	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38126.8	26951.449	2.1	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
280	Windsor	2020-07-01	WS280	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38121.851	26945.274	1.7	14	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
281	Windsor	2020-07-01	WS281	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38149.359	26936.706	2.4	12	1) Storm vulnerable, 2) Low retention value
282	Windsor	2020-07-01	WS282	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38144.623	26942.412	1.5	19	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of trees in proximity

S/N	Site	Date	Tag ID	Species	Family	Origin	Status	Habit	Northing (DGPS)	Easting (DGPS)	Girth/ spread (m)	Height (m)	Assessment
283	Windsor	2020-07-01	WS283	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38146.992	26943.076	1.2	10	1) Good health, 2) U-shaped bifurcation, 3) Pocket decay on branches
284	Windsor	2020-07-01	WS284	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38184.54	26935.98	2.5	10	1) Good health, 2) No significant defects
285	Windsor	2020-07-01	WS285	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38177.603	26950.216	1.5	16	1) Good health, 2) Root flare obvious, 3) No significant defects
286	Windsor	2020-07-01	WS286	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38174.839	26952.624	1.6	12	1) Good health, 2) Decay on trunk facing Northwest, 3) Low retention value
287	Windsor	2020-07-01	WS287	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38166.959	26956.649	1.8	12	1) Good health, 2) Root flare obvious, 3) No significant defects
288	Windsor	2020-07-01	WS288	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38166.133	26959.651	1.2	10	1) Good health, 2) Poor form, 3) Root flare obvious, 4) Asymmetric canopy
289	Windsor	2020-07-01	WS289	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38168.828	26970.209	1.7	15	1) Good health, 2) Root flare obvious
290	Windsor	2020-07-01	WS290	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38180.328	26973.321	1.2	15	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy, 4) Cluster of two fused together
291	Windsor	2020-07-01	WS291	*Elaeis guineensis*	Arecaceae	Exotic	Cultivated Only	Tree	38180.746	26972.622	1.2	9	1) Good health, 2) No significant defects
292	Windsor	2020-07-01	WS292	*Claoxylon indicum*	Euphorbiaceae	Native	Common	Tree	38184.422	26991.153	1.2	10	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
293	Windsor	2020-07-01	WS293	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38183.72	26994.07	2.7	14	1) Good health, 2) Root flare obvious, 3) Asymmetric lean towards west
294	Windsor	2020-07-01	WS294	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38155.662	26985.031	2.3	13	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
295	Windsor	2020-07-01	WS295	*Averrhoa carambola*	Oxalidaceae	Exotic	Casual	Tree	38148.829	26974.142	1.2	7	1) Good health, 2) Decay on branches, 3) Multiple trunk attachment
296	Windsor	2020-07-01	WS296	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38143.957	26966.601	1.5	14	1) Good health, 2) Root flare obvious, 3) Decay on primary branches
297	Windsor	2020-07-01	WS297	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38153.084	26965.608	1.5	11	1) Storm vulnerable, 2) Low retention value
298	Windsor	2020-07-01	WS298	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38155.777	26958.141	1.1	12	1) Good health, 2) Root flare obvious, 3) Decay on trunk at height 1m facing West
299	Windsor	2020-07-01	WS299	*Litsea elliptica*	Lauraceae	Native	Common	Tree	38153.111	26954.403	1.1	12	1) Average health, 2) Root flare obvious, 3) No significant defects
300	Windsor	2020-07-01	WS300	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38147.969	26953.964	1	8	1) Average health, 2) Root flare obvious, 3) U-shaped bifurcation
301	Windsor	2020-07-01	WS301	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38149.511	26954.047	1	16	1) Average health, 2) Root flare obvious, 3) No significant defects
302	Windsor	2020-07-01	WS302	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38147.482	26949.86	1	15	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of trees in proximity
303	Windsor	2020-07-01	WS303	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38131.493	26960.881	2.3	16	1) Storm vulnerable, 2) Low retention value
304	Windsor	2020-07-01	WS304	*Spathodea campanulata*	Bignoniaceae	Exotic	Naturalised	Tree	38128.134	26958.318	2.5	15	1) Storm vulnerable, 2) Low retention value
305	Windsor	2020-07-01	WS305	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38132.624	26964.625	1.7	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by canopies of trees in proximity
306	Windsor	2020-07-01	WS306	*Cinnamomum iners*	Lauraceae	Native	Common	Tree	38132.095	26966.08	1.5	12	1) Good health, 2) Decay on trunk at height 3 m facing Northwest
307	Windsor	2020-07-01	WS307	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38143.235	26966.601	2.4	14	1) Good health, 2) Root flare obvious, 3) U-shaped bifurcation
308	Windsor	2020-07-01	WS308	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38134.293	26967.475	1.3	12	1) Good health, 2) Root flare obvious, 3) No significant defects
309	Windsor	2020-07-01	WS309	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38134.034	26968.575	1.8	14	1) Good health, 2) Root flare obvious, 3) No significant defects
310	Windsor	2020-07-01	WS310	*Hevea brasiliensis*	Euphorbiaceae	Exotic	Naturalised	Tree	38131.265	26966.107	1	11	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
311	Windsor	2020-07-01	WS311	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38133.244	26971.569	1.6	13	1) Good health, 2) Root flare obvious, 3) Decay on primary branch
312	Windsor	2020-07-01	WS312	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38123.853	26968.673	2.1	16	1) Good health, 2) Root flare obvious, 3) Pocket decay on trunk and branches
313	Windsor	2020-07-01	WS313	*Durio zibethinus*	Malvaceae	Exotic	Casual	Tree	38113.182	26964.948	1.1	16	1) Good health, 2) Root flare obvious, 3) Assessment limited by climbers
314	Windsor	2020-07-01	WS314	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38124.788	26978.36	1	8	1) Poor health, 2) Past canopy failure, 3) Low retention value
315	Windsor	2020-07-01	WS315	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38129.309	26983.261	1.3	16	1) Good health, 2) Root flare obvious, 3) Asymmetric canopy
316	Windsor	2020-07-01	WS316	*Macaranga gigantea*	Euphorbiaceae	Native	Common	Tree	38129.981	26980.462	1.6	15	1) Good health, 2) Root flare obvious, 3) Asymmetric lean towards East
317	Windsor	2020-07-01	WS317	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38134.795	26983.559	2	16	1) Good health, 2) Root flare obvious, 3) No significant defects
318	Windsor	2020-07-01	WS318	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38139.211	26991.581	1.4	16	1) Good health, 2) Root flare obvious, 3) No significant defects
319	Windsor	2020-07-01	WS319	*Dimocarpus longan ssp. malesianus*	Sapindaceae	Exotic	Casual	Tree	38138.447	26997.313	1	13	1) Good health, 2) Root flare obvious, 3) No significant defects
320	Windsor	2020-07-01	WS320	*Nephelium lappaceum*	Sapindaceae	Native	Critically Endangered	Tree	38136.388	26994.542	1.7	16	1) Good health, 2) Root flare obvious, 3) No significant defects

Appendix H1

List of Probable Recorded Fauna Species in Eng Neo Avenue Forest

Faunal group	Total no. of probable species		Total no. of recorded species		Total no. of recorded species not on probable list (CS species)
	All species	CS species	All species	CS species	
Aculeate hymenopterans	84	0	26	0	0
Bees	41	0	8	0	0
Stinging wasps	43	0	18	0	0
Odonates	70	15	29	1	1 (0)
Dragonflies	47	5	24	0	0
Damselflies	23	10	5	1	1 (0)
Butterflies	167	13	64	4	0
Freshwater decapod crustaceans	2	0	0	0	0
Freshwater fish	11	0	6	1	0
Herpetofauna	48	6	20	2	1 (1)
Amphibians	16	0	6	0	0
Reptiles	32	6	14	2	1 (1)
Birds	162	24	72	8	2 (0)
Mammals	27	5	15	5	0
Non-volant Mammals	17	3	10	3	0
Bats	10	2	5	2	0
Total	**571**	**63**	**232**	**21**	**4 (1)**

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Ascher et al. (in prep); JXQ Lee, pers comm)	Species of conservation significance	Native status (The Biodiversity of Singapore, 2020; JXQ Lee, pers comm)	Probable species	Recorded species	Remarks
1	Bee	Apidae	*Amegilla andrewsi*	Andrew's blue-banded digger bee	Not Assessed	Least Concern	No	Native	Yes	Yes	
2	Bee	Apidae	*Xylocopa latipes*	Broad-handed carpenter bee	Not Assessed	Least Concern	No	Native	Yes	Yes	
3	Bee	Apidae	*Apis cerana*	Eastern honey bee	Not Assessed	Least Concern	No	Native	Yes	Yes	
4	Bee	Apidae	*Heterotrigona itama*	Malaysian stingless bee	Not Assessed	Least Concern	No	Native	Yes	No	
5	Bee	Apidae	*Apis andreniformis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
6	Bee	Apidae	*Apis dorsata*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	Nest observed
7	Bee	Apidae	*Braunsapis clarihirta*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
8	Bee	Apidae	*Braunsapis cupulifera**	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
9	Bee	Apidae	*Braunsapis hewitti**	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
10	Bee	Apidae	*Braunsapis puangensis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
11	Bee	Apidae	*Ceratina collusor*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
12	Bee	Apidae	*Ceratina lieftincki*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
13	Bee	Apidae	*Ceratina nigrolateralis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
14	Bee	Apidae	*Ceratina dentipes*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
15	Bee	Apidae	*Ceratina smaragdula*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
16	Bee	Apidae	*Ceratina unimaculata*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
17	Bee	Apidae	*Tetragonula valdezi*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
18	Bee	Apidae	*Thyreus ceylonicus*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
19	Bee	Apidae	*Thyreus himalayensis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
20	Bee	Apidae	*Xylocopa caerulea*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
21	Bee	Apidae	*Xylocopa flavonigrescens*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
22	Bee	Apidae	*Xylocopa myops*	N.A	Not Assessed	Data Deficient	No	Native	Yes	No	
23	Bee	Apidae	*Xylocopa aestuans*	White-cheeked carpenter bee	Not Assessed	Least Concern	No	Native	Yes	No	
24	Bee	Colletidae	*Hylaeus penangensis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
25	Bee	Halictidae	*Lasioglossum deliense*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
26	Bee	Halictidae	*Lasioglossum vagans*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
27	Bee	Halictidae	*Lasioglossum adonidiae*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
28	Bee	Halictidae	*Lipotriches ceratina*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
29	Bee	Halictidae	*Nomia iridiscens*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
30	Bee	Halictidae	*Nomia incerta*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
31	Bee	Halictidae	*Patellapis murbanus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
32	Bee	Halictidae	*Pseudapis siamensis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	

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33	Bee	Halictidae	*Nomia strigata*	Pearly-banded bee	Not Assessed	Least Concern	No	Native	Yes	Yes	
34	Bee	Megachilidae	*Coelioxys confusus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
35	Bee	Megachilidae	*Euaspis polynesia*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
36	Bee	Megachilidae	*Megachile conjuncta*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
37	Bee	Megachilidae	*Megachile laticeps*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
38	Bee	Megachilidae	*Megachile disjuncta*	N.A	Not Assessed	Non-native	No	Non-native	Yes	No	
39	Bee	Megachilidae	*Megachile fulvipennis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
40	Bee	Megachilidae	*Megachile umbripennis*	N.A	Not Assessed	Non-native	No	Non-native	Yes	No	
41	Bee	Megachilidae	*Megachile subrixator*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
42	Stinging Wasp	Crabronidae	*Liris subtessellatus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
43	Stinging Wasp	Crabronidae	*Tachytes* sp.	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
44	Stinging Wasp	Crabronidae	*Trypoxylon* sp.	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
45	Stinging Wasp	Pompilidae	*Auplopus* sp.	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
46	Stinging Wasp	Pompilidae	*Paragenia argentifrons*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
47	Stinging Wasp	Pompilidae	*Tachypompilus analis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
	Stinging Wasp	Pompilidae	N.A	N.A	N.A	N.A	N.A	N.A	N.A	Yes	
48	Stinging Wasp	Scoliidae	*Campsomeriella collaris*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
49	Stinging Wasp	Scoliidae	*Phalerimeris phalerata*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
50	Stinging Wasp	Sphecidae	*Chalybion bengalense*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
51	Stinging Wasp	Sphecidae	*Isodontia diodon*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
52	Stinging Wasp	Sphecidae	*Sceliphron javanum*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
	Stinging Wasp	Sphecidae	*Sceliphron* sp.	N.A	N.A	N.A	N.A	N.A	N.A	Yes	Nest observed
53	Stinging Wasp	Sphecidae	*Sceliphron madraspatanum*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
54	Stinging Wasp	Sphecidae	*Sphex diabolicus*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
55	Stinging Wasp	Sphecidae	*Sphex sericeus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
56	Stinging Wasp	Sphecidae	*Sphex subtruncatus*	N.A	Not Assessed	Near-threatened	No	Native	Yes	Yes	
57	Stinging Wasp	Vespidae	*Polistes sagittarius*	Banded paper wasp	Not Assessed	Least Concern	No	Native	Yes	No	
58	Stinging Wasp	Vespidae	*Vespa tropica*	Greater banded hornet	Not Assessed	Least Concern	No	Native	Yes	Yes	
59	Stinging Wasp	Vespidae	*Vespa affinis*	Lesser banded hornet	Not Assessed	Least Concern	No	Native	Yes	No	
60	Stinging Wasp	Vespidae	*Parapolybia varia*	Lesser paper wasp	Not Assessed	Near-threatened	No	Native	Yes	No	
61	Stinging Wasp	Vespidae	*Antepipona* sp. nr. *bipustulata*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
62	Stinging Wasp	Vespidae	*Allorhynchium argentatum*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
63	Stinging Wasp	Vespidae	*Delta campaniforme*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
64	Stinging Wasp	Vespidae	*Delta esuriens*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
65	Stinging Wasp	Vespidae	*Delta pyriforme*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	Nest observed

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66	Stinging Wasp	Vespidae	*Elimus* sp.	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
67	Stinging Wasp	Vespidae	*Eumenes* sp.	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	Nest observed
68	Stinging Wasp	Vespidae	*Eustenogaster hauxwelli*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No	
69	Stinging Wasp	Vespidae	*Eustenogaster micans*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No	
70	Stinging Wasp	Vespidae	*Liostenogaster nitidipennis*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No	
71	Stinging Wasp	Vespidae	*Liostenogaster varipicta*	N.A	Not Assessed	Near-threatened	No	Native	Yes	Yes	
72	Stinging Wasp	Vespidae	*Parischnogaster mellyi*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
73	Stinging Wasp	Vespidae	*Parischnogaster nigricans*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
74	Stinging Wasp	Vespidae	*Phimenes flavopictus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
75	Stinging Wasp	Vespidae	*Polistes meadeanus*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No	
	Stinging Wasp	Vespidae	*Polistes stigma*	N.A	N.A	Near-Threatened	N.A	Native	Yes	Yes	Nest observed
76	Stinging Wasp	Vespidae	*Provespa anomala*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
77	Stinging Wasp	Vespidae	*Rhynchium haemorrhoidale*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
78	Stinging Wasp	Vespidae	*Ropalidia erythrospila*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
79	Stinging Wasp	Vespidae	*Ropalidia stigma*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
80	Stinging Wasp	Vespidae	*Ropalidia sumatrae*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
81	Stinging Wasp	Vespidae	*Ropalidia timida*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No	
82	Stinging Wasp	Vespidae	*Stenodyneriellus guttulatus*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes	
83	Stinging Wasp	Vespidae	*Subancistrocerus sichelii*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
84	Stinging Wasp	Vespidae	*Vespa analis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No	
*Based on Ascher et al. (in prep), both the taxonomic revision of Braunsapis and preliminary DNA barcoding results from Singapore suggests that both *B. cupulifera* and *B. hewitti* may be species complexes.											

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1	Damselfly	Argiolestidae	*Podolestes orientalis*	Blue-spotted flatwing	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Yes	No	
2	Damselfly	Calopterygidae	*Vestalis amethystina*	Common flashwing	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
3	Damselfly	Coenagrionidae	*Agriocnemis femina*	Variable wisp	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
4	Damselfly	Coenagrionidae	*Agriocnemis rubescens*	Variable sprite	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	No	
5	Damselfly	Coenagrionidae	*Amphicnemis gracilis*	Will-o-wisp	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
6	Damselfly	Coenagrionidae	*Archibasis viola*	Violet sprite	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
7	Damselfly	Coenagrionidae	*Ceriagrion cerinorubellum*	Ornate coraltail	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
8	Damselfly	Coenagrionidae	*Ceriagrion chaoi*	Fiery coraltail	Least Concern	Not Assessed	Yes	Widespread but Uncommon	No	Yes	
9	Damselfly	Coenagrionidae	*Ischnura senegalensis*	Common bluetail	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
10	Damselfly	Coenagrionidae	*Pericnemis stictica*	Dryad	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
11	Damselfly	Coenagrionidae	*Pseudagrion microcephalum*	Blue sprite	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
12	Damselfly	Coenagrionidae	*Teinobasis ruficollis*	Red-tailed sprite	Not Assessed	Near Threatened	No	Widespread but Rare	Yes	No	
13	Damselfly	Devadattidae	*Devadatta argyoides*	Malayan grisette	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes	No	
14	Damselfly	Euphaeidae	*Euphaea impar*	Blue-sided satinwing	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
15	Damselfly	Lestidae	*Lestes praemorsus*	Crenulated spreadwing	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	No	
16	Damselfly	Platycnemididae	*Coeliccia octogesima*	Telephone sylvan	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
17	Damselfly	Platycnemididae	*Copera marginipes*	Yellow featherlegs	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
18	Damselfly	Platycnemididae	*Copera vittata*	Variable featherlegs	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
19	Damselfly	Platycnemididae	*Onychargia atrocyana*	Shorttail	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	No	
20	Damselfly	Platystictidae	*Drepanosticta quadrata*	Singapore shadowdamsel	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
21	Damselfly	Protoneuridae	*Prodasineura collaris*	Collared threadtail	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes	No	
22	Damselfly	Protoneuridae	*Prodasineura humeralis*	Orange-striped threadtail	Not Assessed	Not Assessed	No	Widespread and Common	Yes	Yes	
23	Damselfly	Protoneuridae	*Prodasineura interrupta*	Interrupted threadtail	Not Assessed	Critically Endangered	Yes	Restricted and Uncommon	Yes	No	
24	Damselfly	Protoneuridae	*Prodasineura notostigma*	Crescent threadtail	Not Assessed	Not Assessed	No	Widespread and Common	Yes	No	
25	Dragonfly	Aeshnidae	*Anax guttatus*	Emperor	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	Yes	Exuviae observed
26	Dragonfly	Aeshnidae	*Gynacantha basiguttata*	Spoon-tailed duskhawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
27	Dragonfly	Aeshnidae	*Gynacantha bayadera*	Small duskhawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
28	Dragonfly	Aeshnidae	*Gynacantha dohrni*	Spear-tail duskhawker	Not Assessed	Not Assessed	No	Widespread but Uncommon	Yes	Yes	
29	Dragonfly	Aeshnidae	*Gynacantha subinterrupta*	Dingy duskhawker	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	Yes	
30	Dragonfly	Gomphidae	*Ictinogomphus decoratus*	Common flangetail	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
31	Dragonfly	Gomphidae	*Macrogomphus quadratus*	Forktail	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Yes	No	
32	Dragonfly	Gomphidae	*Paragomphus capricornis*	Banded hooktail	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No	
33	Dragonfly	Libellulidae	*Acisoma panorpoides*	Trumpet tail	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
34	Dragonfly	Libellulidae	*Aethriamanta brevipennis*	Scarlet adjudant	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	No	
35	Dragonfly	Libellulidae	*Aethriamanta gracilis*	Pond adjudant	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
36	Dragonfly	Libellulidae	*Agrionoptera insignis*	Grenadier	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
37	Dragonfly	Libellulidae	*Agrionoptera sexlineata*	Handsome grenadier	Not Assessed	Not Assessed	No	Widespread but Uncommon	Yes	No	
38	Dragonfly	Libellulidae	*Brachydiplax chalybea*	Blue dasher	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
39	Dragonfly	Libellulidae	*Brachythemis contaminata*	Common amberwing	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
40	Dragonfly	Libellulidae	*Camacinia gigantea*	Sultan	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	Yes	

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41	Dragonfly	Libellulidae	*Cratilla metallica*	Dark-tipped forest skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
42	Dragonfly	Libellulidae	*Crocothemis servilia*	Common scarlet	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
43	Dragonfly	Libellulidae	*Diplacodes nebulosa*	Black-tipped percher	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	No	
44	Dragonfly	Libellulidae	*Diplacodes trivialis*	Blue percher	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
45	Dragonfly	Libellulidae	*Hydrobasileus croceus*	Water monarch	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
46	Dragonfly	Libellulidae	*Lathrecista asiatica*	Scarlet grenadier	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
47	Dragonfly	Libellulidae	*Lyriothemis cleis*	Bombardier	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No	
48	Dragonfly	Libellulidae	*Nannophya pygmaea*	Scarlet pygmy	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
49	Dragonfly	Libellulidae	*Nesoxenia lineata*	Striped grenadier	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	No	
50	Dragonfly	Libellulidae	*Neurothemis fluctuans*	Common parasol	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
51	Dragonfly	Libellulidae	*Orchithemis pulcherrima*	Variable sentinel	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
52	Dragonfly	Libellulidae	*Orthetrum chrysis*	Spine-tufted skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
53	Dragonfly	Libellulidae	*Orthetrum glaucum*	Common blue skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
54	Dragonfly	Libellulidae	*Orthetrum luzonicum*	Slender blue skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
55	Dragonfly	Libellulidae	*Orthetrum sabina*	Variegated green skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
56	Dragonfly	Libellulidae	*Orthetrum testaceum*	Scarlet skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
57	Dragonfly	Libellulidae	*Pantala flavescens*	Wandering glider	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
58	Dragonfly	Libellulidae	*Potamarcha congener*	Common chaser	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
59	Dragonfly	Libellulidae	*Pseudothemis jorina*	Banded skimmer	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	No	
60	Dragonfly	Libellulidae	*Rhodothemis rufa*	Common redbolt	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
61	Dragonfly	Libellulidae	*Rhyothemis phyllis*	Yellow-barred flutterer	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
62	Dragonfly	Libellulidae	*Rhyothemis triangularis*	Sapphire flutterer	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	Yes	
63	Dragonfly	Libellulidae	*Tholymis tillarga*	White-barred duskhawk	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
64	Dragonfly	Libellulidae	*Tramea transmarina*	Saddlebag glider	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
65	Dragonfly	Libellulidae	*Trithemis aurora*	Crimson dropwing	Least Concern	Not Assessed	No	Widespread and Common	Yes	Yes	
66	Dragonfly	Libellulidae	*Trithemis festiva*	Indigo dropwing	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
67	Dragonfly	Libellulidae	*Trithemis pallidinervis*	Dancing dropwing	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes	No	
68	Dragonfly	Libellulidae	*Tyriobapta torrida*	Treehugger	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
69	Dragonfly	Libellulidae	*Urothemis signata*	Scarlet basker	Not Assessed	Not Assessed	No	Widespread and Common	Yes	No	
70	Dragonfly	Libellulidae	*Zyxomma petiolatum*	Slender duskdarter	Least Concern	Not Assessed	No	Widespread and Common	Yes	No	
71	Dragonfly	Synthemistidae	*Idionyx yolanda*	Shadowdancer	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	Yes	

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1	Hesperiidae	*Ampittia dioscorides camertes*	Bush hopper	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
2	Hesperiidae	*Ancistroides nigrita maura*	Chocolate demon	Not Assessed	Not Assessed	No	Common	Yes	No	
3	Hesperiidae	*Astictopterus jama jama*	Forest hopper	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
4	Hesperiidae	*Baoris farri farri*	Bamboo paintbrush swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
5	Hesperiidae	*Baoris oceia*	Paintbrush swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
6	Hesperiidae	*Borbo cinnara*	Formosan swift	Not Assessed	Endangered	Yes	Moderately common	Yes	No	
7	Hesperiidae	*Burara etelka*	Great orange awlet	Not Assessed	Not Assessed	No	Rare	Yes	Yes	
8	Hesperiidae	*Burara harisa consobrina*	Orange awlet	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
9	Hesperiidae	*Caltoris cormasa*	Full stop swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
10	Hesperiidae	*Cephrenes acalle niasicus*	Plain palm dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
11	Hesperiidae	*Cephrenes trichopepla*	Yellow palm dart	Not Assessed	Not assessed	No	Common	Yes	No	
12	Hesperiidae	*Erionota hiraca apicalis*	White tipped skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
13	Hesperiidae	*Erionota thrax thrax*	Banana skipper	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
14	Hesperiidae	*Erionota torus*	Torus skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
15	Hesperiidae	*Halpe ormenes vilasina*	Dark banded ace	Not Assessed	Not Assessed	No	Rare	Yes	No	
16	Hesperiidae	*Hasora badra badra*	Common awl	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
17	Hesperiidae	*Hasora chromus chromus*	Common banded awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
18	Hesperiidae	*Hasora vitta vitta*	Plain banded awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008; Jain et al. 2018)	Species of conservation significance	Distribution/Rarity (Khew, 2015)	Probable species	Recorded species	Remarks
19	Hesperiidae	*Hidari irava*	Coconut skipper	Not Assessed	Not Assessed	No	Common	Yes	No	
20	Hesperiidae	*Iambrix salsala salsala*	Chestnut bob	Not Assessed	Not Assessed	No	Common	Yes	Yes	
21	Hesperiidae	*Iambrix stellifer*	Starry bob	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
22	Hesperiidae	*Matapa aria*	Common redeye	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
23	Hesperiidae	*Notocrypta paralysos varians*	Banded demon	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
24	Hesperiidae	*Oriens gola pseudolus*	Common dartlet	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
25	Hesperiidae	*Pelopidas agna agna*	Bengal swift	Not Assessed	Endangered	Yes	Moderately common	Yes	No	
26	Hesperiidae	*Pelopidas assamensis*	Great swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
27	Hesperiidae	*Pelopidas conjunctus conjunctus*	Conjoined swift	Not Assessed	Not assessed	No	Moderately rare	Yes	No	
28	Hesperiidae	*Pelopidas mathias mathias*	Small branded swift	Not Assessed	Not Assessed	No	Common	Yes	Yes	
29	Hesperiidae	*Plastingia naga*	Chequered lancer	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
30	Hesperiidae	*Polytremis lubricans lubricans*	Contiguous swift	Not Assessed	Not Assessed	No	Common	Yes	No	
31	Hesperiidae	*Potanthus ganda*	N.A	Not Assessed	Not Assessed	No	-	Yes	No	
32	Hesperiidae	*Potanthus omaha omaha*	Lesser dart	Not Assessed	Not Assessed	No	Common	Yes	Yes	
33	Hesperiidae	*Potanthus serina*	Large dart	Not Assessed	Not assessed	No	Moderately common	Yes	No	
34	Hesperiidae	*Potanthus trachala tytleri*	Detached dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
35	Hesperiidae	*Pyroneura latoia latoia*	Yellow vein lancer	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
36	Hesperiidae	*Suastus gremius gremius*	Palm bob	Not Assessed	Not Assessed	No	Common	Yes	Yes	

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37	Hesperiidae	*Tagiades japetus atticus*	Common snow flat	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
38	Hesperiidae	*Taractrocera archias quinta*	Yellow grass dart	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
39	Hesperiidae	*Taractrocera ardonia lamia*	Spotted grass dart	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
40	Hesperiidae	*Telicota augias augias*	Pale palm dart	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
41	Hesperiidae	*Telicota besta bina*	Besta palm dart	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
42	Hesperiidae	*Telicota colon stinga*	Common palm dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	Yes	
43	Hesperiidae	*Udaspes folus*	Grass demon	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
44	Hesperiidae	*Zographetus doxus*	Spotted flitter	Not Assessed	Not Assessed	No	Rare	Yes	No	
45	Lycaenidae	*Acytolepis puspa lambi*	Common hedge blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
46	Lycaenidae	*Allotinus unicolor unicolor*	Lesser darkwing	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
47	Lycaenidae	*Anthene emolus goberus*	Ciliate blue	Not Assessed	Not Assessed	No	Common	Yes	No	
48	Lycaenidae	*Anthene lycaenina miya*	Pointed ciliate blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
49	Lycaenidae	*Arhopala amphimuta amphimuta*	N.A	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No	
50	Lycaenidae	*Arhopala centaurus nakula*	Centaur oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
51	Lycaenidae	*Arhopala major major*	N.A	Not Assessed	Data Deficient	No	Common	Yes	No	
52	Lycaenidae	*Catochrysops panormus exiguus*	Silver forget-me-not	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
53	Lycaenidae	*Catochrysops strabo strabo*	Forget-me-not	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
54	Lycaenidae	*Catopyrops ancyra*	Ancyra blue	Not Assessed	Vulnerable	Yes	Moderately rare	Yes	No	

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55	Lycaenidae	*Chilades pandava pandava*	Cycad blue	Not Assessed	Not Assessed	No	Common	Yes	No	
56	Lycaenidae	*Curetis saronis sumatrana*	Sumatran sunbeam	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
57	Lycaenidae	*Drupadia ravindra moorei*	Common posy	Not Assessed	Not Assessed	No	Common	Yes	No	
58	Lycaenidae	*Eooxylides tharis distanti*	Branded imperial	Not Assessed	Not Assessed	No	Common	Yes	Yes	
59	Lycaenidae	*Euchrysops cnejus cnejus*	Gram blue	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
60	Lycaenidae	*Everes lacturnus rileyi*	Indian cupid	Not Assessed	Not Assessed	No	Rare	Yes	No	
61	Lycaenidae	*Flos apidanus saturatus*	Plain plushblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
62	Lycaenidae	*Hypolycaena erylus teatus*	Common tit	Not Assessed	Not Assessed	No	Common	Yes	No	
63	Lycaenidae	*Hypolycaena thecloides thecloides*	Dark tit	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
64	Lycaenidae	*Ionolyce helicon merguiana*	Pointed line blue	Not Assessed	Not Assessed	No	Common	Yes	No	
65	Lycaenidae	*Iraota rochana boswelliana*	Scarce silverstreak	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
66	Lycaenidae	*Jamides alecto ageladas*	Metallic caerulean	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
67	Lycaenidae	*Jamides bochus nabonassar*	Dark caerulean	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
68	Lycaenidae	*Jamides celeno aelianus*	Common caerulean	Not Assessed	Not Assessed	No	Common	Yes	Yes	
69	Lycaenidae	*Lampides boeticus*	Pea blue	Not Assessed	Not Assessed	No	Common	Yes	Yes	
70	Lycaenidae	*Logania marmorata damis*	Pale mottle	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
71	Lycaenidae	*Loxura atymnus fuconius*	Yamfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
72	Lycaenidae	*Megisba malaya sikkima*	Malayan	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	

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73	Lycaenidae	*Miletus biggsii biggsii*	Bigg's brownwing	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
	Lycaenidae	*Miletus* sp.	N.A	N.A	N.A	N.A	N.A	N.A	Yes	
74	Lycaenidae	*Miletus symethus petronius*	Blue brownwing/great brownie	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
75	Lycaenidae	*Nacaduba berenice icena*	Rounded sixline blue	Not Assessed	Not Assessed	No	Common	Yes	No	
76	Lycaenidae	*Nacaduba beroe neon*	Opaque sixline blue	Not Assessed	Not Assessed	No	Common	Yes	No	
77	Lycaenidae	*Nacaduba biocellata*	Two spotted line blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
78	Lycaenidae	*Nacaduba kurava nemana*	Transparent sixline blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No	
	Lycaenidae	*Nacaduba* sp.	N.A	N.A	N.A	N.A	N.A	N.A	Yes	
79	Lycaenidae	*Petrelaea dana*	Dingy line blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
80	Lycaenidae	*Prosotas dubiosa lumpura*	Tailless line blue	Not Assessed	Not Assessed	No	Common	Yes	Yes	
81	Lycaenidae	*Prosotas nora superdates*	Common line blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
82	Lycaenidae	*Rapala dieneces dieneces*	Scarlet flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
83	Lycaenidae	*Rapala iarbus iarbus*	Common red flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
84	Lycaenidae	*Rapala manea chozeba*	Slate flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
85	Lycaenidae	*Rapala pheretima sequeira*	Copper flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
86	Lycaenidae	*Rapala suffusa barthema*	Suffused flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
87	Lycaenidae	*Rapala varuna orseis*	Indigo flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
88	Lycaenidae	*Semanga superba deliciosa*	N.A	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	

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89	Lycaenidae	*Spalgis epius epius*	Apefly	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
90	Lycaenidae	*Spindasis lohita senama*	Long banded silverline	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
91	Lycaenidae	*Spindasis syama terana*	Club silverline	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
92	Lycaenidae	*Surendra vivarna amisena*	Acacia blue	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
93	Lycaenidae	*Tajuria cippus maxentius*	Peacock royal	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
	Lycaenidae	Theclinae	N.A	N.A	N.A	N.A	N.A	N.A	Yes	Oakblue or plushblue species
94	Lycaenidae	*Virachola kessuma deliochus*	Pitcher blue	Not Assessed	Not Assessed	No	Rare	Yes	No	
95	Lycaenidae	*Zeltus amasa maximinianus*	Fluffy tit	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
96	Lycaenidae	*Zizeeria maha serica*	Pale grass blue	Not Assessed	Not Assessed	No	Common	Yes	No	
97	Lycaenidae	*Zizina otis lampa*	Lesser grass blue	Not Assessed	Not Assessed	No	Common	Yes	Yes	
98	Lycaenidae	*Zizula hylax pygmaea*	Pygmy grass blue	Not Assessed	Not Assessed	No	Common	Yes	No	
99	Nymphalidae	*Acraea terpsicore*	Tawny coster	Not Assessed	Not assessed	No	Common	Yes	Yes	
100	Nymphalidae	*Amathusia phidippus phidippus*	Palm king	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
101	Nymphalidae	*Athyma kanwa kanwa*	Dot-dash sergeant	Not Assessed	Not Assessed	No	Rare	Yes	No	
102	Nymphalidae	*Athyma nefte subrata*	Colour sergeant	Not Assessed	Not Assessed	No	Common	Yes	Yes	
103	Nymphalidae	*Cethosia cyane*	Leopard lacewing	Not Assessed	Not assessed	No	Common	Yes	No	
104	Nymphalidae	*Danaus chrysippus chrysippus*	Plain tiger	Not Assessed	Not Assessed	No	Common	Yes	No	
105	Nymphalidae	*Doleschallia bisaltide bisaltide*	Autumn leaf	Not Assessed	Not assessed	No	Common	Yes	No	

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106	Nymphalidae	*Elymnias hypermnestra agina*	Common palmfly	Not Assessed	Not Assessed	No	Common	Yes	Yes	
107	Nymphalidae	*Elymnias panthera panthera*	Tawny palmfly	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
108	Nymphalidae	*Euploea midamus singapura*	Blue spotted crow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
109	Nymphalidae	*Euploea mulciber mulciber*	Striped blue crow	Not Assessed	Not Assessed	No	Common	Yes	No	
110	Nymphalidae	*Euripus nyctelius euploeoides*	Courtesan	Not Assessed	Critically Endangered	Yes	Rare	Yes	No	
111	Nymphalidae	*Euthalia aconthea gurda*	Baron	Not Assessed	Not Assessed	No	Common	Yes	No	
112	Nymphalidae	*Euthalia adonia pinwilli*	Green baron	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
113	Nymphalidae	*Euthalia monina monina*	Malay baron	Not Assessed	Not Assessed	No	Common	Yes	Yes	
114	Nymphalidae	*Faunis canens arcesilas*	Common faun	Not Assessed	Not Assessed	No	Common	Yes	No	
115	Nymphalidae	*Hypolimnas anomala anomala*	Malayan eggfly	Not Assessed	Not Assessed	No	Common	Yes	Yes	
116	Nymphalidae	*Hypolimnas bolina bolina*	Great eggfly	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
117	Nymphalidae	*Hypolimnas bolina jacintha*	Jacintha eggfly	Not Assessed	Not Assessed	No	Common	Yes	Yes	
118	Nymphalidae	*Ideopsis vulgaris macrina*	Blue glassy tiger	Not Assessed	Not Assessed	No	Common	Yes	Yes	
119	Nymphalidae	*Junonia almana javana*	Peacock pansy	Least Concern	Not Assessed	No	Common	Yes	Yes	
120	Nymphalidae	*Junonia hedonia ida*	Chocolate pansy	Not Assessed	Not Assessed	No	Common	Yes	Yes	
121	Nymphalidae	*Junonia orithya wallacei*	Blue pansy	Not Assessed	Not Assessed	No	Common	Yes	Yes	
122	Nymphalidae	*Lasippa tiga siaka*	Malayan lascar	Not Assessed	Not Assessed	No	Common	Yes	Yes	
123	Nymphalidae	*Lethe europa malaya*	Bamboo tree brown	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	

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124	Nymphalidae	*Lexias pardalis dirteana*	Archduke	Not Assessed	Not Assessed	No	Common	Yes	Yes	
125	Nymphalidae	*Melanitis leda leda*	Common evening brown	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
126	Nymphalidae	*Moduza procris milonia*	Commander	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
127	Nymphalidae	*Mycalesis mineus macromalayana*	Dark brand bush brown	Not Assessed	Not Assessed	No	Common	Yes	Yes	
128	Nymphalidae	*Mycalesis perseoides perseoides*	Burmese bush brown	Not Assessed	Data Deficient	No	Common	Yes	Yes	
129	Nymphalidae	*Mycalesis perseus cepheus*	Dingy bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
130	Nymphalidae	*Mycalesis visala phamis*	Long brand bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
131	Nymphalidae	*Neptis hylas papaja*	Common sailor	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
132	Nymphalidae	*Orsotriaena medus cinerea*	Dark grass brown	Not Assessed	Not Assessed	No	Common	Yes	Yes	
133	Nymphalidae	*Pantoporia hordonia hordonia*	Common lascar	Not Assessed	Not Assessed	No	Common	Yes	No	
134	Nymphalidae	*Parantica agleoides agleoides*	Dark glassy tiger	Not Assessed	Not Assessed	No	Common	Yes	Yes	
135	Nymphalidae	*Phaedyma columella singa*	Short banded sailor	Not Assessed	Not Assessed	No	Common	Yes	No	
136	Nymphalidae	*Phalanta phalantha phalantha*	Leopard	Not Assessed	Not Assessed	No	Common	Yes	No	
137	Nymphalidae	*Polyura hebe plautus*	Plain nawab	Not Assessed	Not Assessed	No	Common	Yes	Yes	Pupa also observed
138	Nymphalidae	*Polyura schreiber tisamenus*	Blue nawab	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
139	Nymphalidae	*Symbrenthia hippoclus selangorana*	Malayan jester	Not Assessed	Not assessed	Yes	Very rare (seasonal migrant)	Yes	Yes	
140	Nymphalidae	*Tanaecia iapis puseda*	Horsfield's baron	Not Assessed	Not Assessed	No	Common	Yes	Yes	
141	Nymphalidae	*Tanaecia pelea pelea*	Malay viscount	Not Assessed	Not Assessed	No	Common	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008; Jain et al. 2018)	Species of conservation significance	Distribution/Rarity (Khew, 2015)	Probable species	Recorded species	Remarks
142	Nymphalidae	*Vindula dejone erotella*	Cruiser	Not Assessed	Not Assessed	No	Common	Yes	No	
143	Nymphalidae	*Ypthima baldus newboldi*	Common five-ring	Not Assessed	Not Assessed	No	Common	Yes	Yes	
144	Nymphalidae	*Ypthima horsfieldii humei*	Malayan five-ring	Not Assessed	Not Assessed	No	Common	Yes	Yes	
145	Nymphalidae	*Ypthima huebneri*	Common four-ring	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
146	Nymphalidae	*Ypthima pandocus corticaria*	Common three-ring	Not Assessed	Not Assessed	No	Common	Yes	No	
147	Nymphalidae	*Zeuxidia amethystus amethystus*	Saturn	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
148	Papilionidae	*Chilasa clytia clytia*	Common mime	Not Assessed	Not Assessed	No	Common	Yes	No	
149	Papilionidae	*Graphium agamemnon agamemnon*	Tailed jay	Not Assessed	Not Assessed	No	Common	Yes	No	
150	Papilionidae	*Graphium sarpedon luctatius*	Common bluebottle	Not Assessed	Not Assessed	No	Common	Yes	Yes	
151	Papilionidae	*Pachliopta aristolochiae asteris*	Common rose	Not Assessed	Vulnerable	Yes	Moderately common	Yes	Yes	
152	Papilionidae	*Papilio demoleus malayanus*	Lime butterfly	Not Assessed	Not Assessed	No	Common	Yes	No	
153	Papilionidae	*Papilio polytes romulus*	Common mormon	Not Assessed	Not Assessed	No	Common	Yes	Yes	
154	Papilionidae	*Troides helena cerberus*	Common birdwing	Not assessed; CITES protected (Appendix II)	Vulnerable	Yes	Moderately common	Yes	Yes	
155	Pieridae	*Appias libythea olferna*	Striped albatross	Not Assessed	Not Assessed	No	Common	Yes	Yes	
156	Pieridae	*Catopsilia pomona pomona*	Lemon emigrant	Not Assessed	Not Assessed	No	Common	Yes	Yes	
157	Pieridae	*Catopsilia pyranthe pyranthe*	Mottled emigrant	Not Assessed	Not Assessed	No	Common	Yes	No	
158	Pieridae	*Catopsilia scylla cornelia*	Orange emigrant	Not Assessed	Not Assessed	No	Common	Yes	No	

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159	Pieridae	*Delias hyparete metarete*	Painted jezebel	Not Assessed	Not Assessed	No	Common	Yes	Yes	
160	Pieridae	*Eurema andersonii andersonii*	Anderson's grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
161	Pieridae	*Eurema blanda snelleni*	Three spot grass yellow	Not Assessed	Not Assessed	No	Common	Yes	No	
162	Pieridae	*Eurema hecabe contubernalis*	Common grass yellow	Not Assessed	Not Assessed	No	Common	Yes	Yes	
163	Pieridae	*Eurema sari sodalis*	Chocolate grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
164	Pieridae	*Eurema simulatrix tecmessa*	Forest grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
165	Pieridae	*Leptosia nina malayana*	Psyche	Not Assessed	Not Assessed	No	Common	Yes	Yes	
166	Pieridae	*Pieris canidia canidia*	Cabbage white	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
167	Riodinidae	*Abisara savitri savitri*	Malay tailed judy	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Native status (Baker & Lim, 2012)	Probable species	Recorded species
1	Gecarcinucidae	*Parathelphusa maculata*	Maculate freshwater crab	Least Concern	Not Assessed	No	Native	Yes	No
2	Palaemonidae	*Macrobrachium lanchesteri*	Riceland shrimp	Least Concern	Not Assessed	No	Non-native	Yes	No

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Native status (Baker & Lim, 2012)	Probable species	Recorded species
1	Anabantidae	*Anabas testudineus*	Oriental climbing perch	Data Deficient	Least Concern	No	Native	Yes	No
2	Aplocheilidae	*Aplocheilus armatus*	Whitespot	Least Concern	Least Concern	No	Non-native	Yes	No
3	Channidae	*Channa striata*	Common snakehead	Least Concern	Not Assessed	No	Native	Yes	Yes
4	Clariidae	*Clarias* cf. *batrachus*	Common walking catfish	Not Assessed	Least Concern	Yes	Native	Yes	Yes
5	Cyprinidae	*Barbodes rhombeus*	Indochinese spotted barb	Least Concern	Not Assessed	No	Non-native	Yes	Yes
6	Osphronemidae	*Betta pugnax*	Malayan forest betta	Not Assessed	Least Concern	No	Native	Yes	No
7	Osphronemidae	*Trichopsis vittata*	Croaking gouramy	Least Concern	Least Concern	No	Native	Yes	Yes
8	Poeciliidae	*Gambusia affinis*	Mosquitofish	Least Concern	Least Concern	No	Non-native	Yes	No
9	Poeciliidae	*Poecilia reticulata*	Guppy	Not Assessed	Least Concern	No	Non-native	Yes	Yes
10	Poeciliidae	*Poecilia sphenops*	Common molly	Not Assessed	Not Assessed	No	Non-native	Yes	No
11	Synbranchidae	*Monopterus javanensis*	Asian swamp-eel	Not Assessed	Least Concern	No	Native	Yes	Yes

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species
1	Bufonidae	*Duttaphrynus melanostictus*	Asian toad	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes	No
2	Dicroglossidae	*Fejervarya cancrivora*	Crab-eating frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes	No
3	Dicroglossidae	*Fejervarya limnocharis*	Field frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes	Yes
4	Dicroglossidae	*Limnonectes blythii*	Malayan giant frog	Near Threatened	Not Assessed	No	Widespread & Common	Native	Yes	Yes
5	Dicroglossidae	*Limnonectes malesianus*	Malesian frog	Near Threatened	Not Assessed	No	Restricted but Common	Native	Yes	No
6	Dicroglossidae	*Occidozyga sumatrana*	Yellow-bellied puddle frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No
7	Eleutherodactylidae	*Eleutherodactylus planirostris*	Greenhouse frog	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes	Yes
8	Microhylidae	*Kaloula pulchra*	Banded bull frog	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes	No
9	Microhylidae	*Microhyla butleri*	Painted chorus frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes	Yes
10	Microhylidae	*Microhyla mukhlesuri*	East Asian ornate chorus frog	Least Concern	Not Assessed	No	Restricted & Rare	Non-native	Yes	No
11	Microhylidae	*Microhyla heymonsi*	Dark-sided chorus frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes	Yes
12	Ranidae	*Chalcorana labialis*	Copper-cheeked frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No
13	Ranidae	*Hylarana erythraea*	Green paddy frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes	No
14	Ranidae	*Lithobates catesbeianus*	American bullfrog	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes	No
15	Ranidae	*Pulchrana laterimaculata*	Masked rough-sided frog	Least Concern	Not Assessed	No	Restricted & Uncommon	Native	Yes	No
16	Rhacophoridae	*Polypedates leucomystax*	Four-lined tree frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes	Yes

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker and Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
1	Agamidae	*Bronchocela cristatella*	Green crested lizard	Not Assessed	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes	
2	Agamidae	*Calotes versicolor*	Changeable lizard	Not Assessed	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes	
3	Agamidae	*Draco sumatranus*	Sumatran flying dragon	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No	
4	Colubridae	*Ahaetulla prasina*	Oriental whip snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
5	Colubridae	*Calamaria schlegeli*	Pink-headed reed snake	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No	Recorded in Teo & Rajathurai, 1997
6	Colubridae	*Chrysopelea paradisi*	Paradise gliding snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
7	Colubridae	*Coelognathus flavolineatus*	Common Malayan racer	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No	
8	Colubridae	*Dendrelaphis caudolineatus*	Striped bronzeback	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Observed from roadkill and moult
9	Colubridae	*Dendrelaphis kopsteini*	Red-necked bronzeback	Least Concern	Vulnerable	Yes	Widespread but Rare	Native	Yes	Yes	
10	Colubridae	*Dendrelaphis pictus*	Painted bronzeback	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
11	Colubridae	*Lycodon capucinus*	House wolf snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
12	Colubridae	*Oligodon octolineatus*	Striped kukri snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Observed from roadkill only
13	Colubridae	*Ptyas korros*	Indochinese rat snake	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	
14	Colubridae	*Xenochrophis vittatus*	Striped keelback	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
15	Elapidae	*Calliophis intestinalis*	Banded Malayan coral snake	Least Concern	Not Assessed	No	Widespread but Rare	Native	Yes	Yes	Also observed from roadkill
16	Elapidae	*Naja sumatrana*	Equatorial spitting cobra	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
17	Emydidae	*Trachemys scripta*	Red-eared slider	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes	
18	Gekkonidae	*Gehyra mutilata*	Four-clawed gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No	
19	Gekkonidae	*Gekko monarchus*	Spotted house gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker and Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
20	Gekkonidae	*Hemidactylus frenatus*	Spiny-tailed house gecko	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
21	Gekkonidae	*Hemidactylus platyurus*	Flat-tailed gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No	
22	Gekkonidae	*Lepidodactylus lugubris*	Mourning gecko	Not Assessed	Not Assessed	No	Widespread but Rare	Native	Yes	No	
23	Geomydidae	*Cuora amboinensis*	Malayan box terrapin	Vulnerable; CITES protected (Appendix II)	Not Assessed	Yes	Restricted but Common	Native	Yes	No	
24	Geomydidae	*Siebenrockiella crassicollis*	Black marsh terrapin	Vulnerable	Not Assessed	Yes	Widespread and Common	Native	Yes	No	
25	Homalopsidae	*Homalopsis buccata*	Puff-faced water snake	Least Concern	Vulnerable	Yes	Widespread but Uncommon	Native	Yes	No	
26	Pythonidae	*Malayopython reticulatus*	Reticulated python	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
27	Scincidae	*Eutropis multifasciata*	Many-lined sun skink	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No	
28	Scincidae	*Lygosoma bowringii*	Garden supple skink	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No	
29	Typhlopidae	*Indotyphlops braminus*	Brahminy blind snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
30	Varanidae	*Varanus nebulosus*	Clouded monitor	Not Assessed	Not Assessed	No	Restricted but Common	Native	Yes	Yes	Also recorded from camera trap
31	Varanidae	*Varanus salvator*	Malayan water monitor	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded from camera trap
32	Viperidae	*Tropidolaemus wagleri*	Wagler's pit viper	Least Concern	Endangered	Yes	Restricted and Rare	Native	No	Yes	
33	Xenopeltidae	*Xenopeltis unicolor*	Iridescent earth snake	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
1	Acanthizidae	*Gerygone sulphurea*	Golden-bellied gerygone	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
2	Accipitridae	*Accipiter gularis*	Japanese sparrowhawk	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
3	Accipitridae	*Accipiter soloensis*	Chinese sparrowhawk	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
4	Accipitridae	*Accipiter trivirgatus*	Crested goshawk	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
5	Accipitridae	*Aviceda jerdoni*	Jerdon's baza	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
6	Accipitridae	*Aviceda leuphotes*	Black baza	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
7	Accipitridae	*Buteo buteo*	Common buzzard	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
8	Accipitridae	*Haliaeetus leucogaster*	White-bellied sea eagle	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
9	Accipitridae	*Haliastur indus*	Brahminy kite	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
10	Accipitridae	*Nisaetus cirrhatus*	Changeable hawk-eagle	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	Also recorded from camera trap
11	Accipitridae	*Pernis ptilorhynchus*	Crested honey-buzzard	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant/non-breeding visitor	Yes	Yes	
12	Accipitridae	*Spilornis cheela*	Crested serpent eagle	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
13	Aegithinidae	*Aegithina tiphia*	Common iora	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
14	Alcedinidae	*Alcedo atthis*	Common kingfisher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
15	Alcedinidae	*Alcedo meninting*	Blue-eared kingfisher	Least Concern	Critically Endangered	Yes	Rare	Resident breeder	Yes	No	
16	Alcedinidae	*Ceyx erithaca*	Oriental dwarf kingfisher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
17	Alcedinidae	*Halcyon coromanda*	Ruddy kingfisher	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	No	

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18	Alcedinidae	*Halcyon smyrnensis*	White-throated kingfisher	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
19	Alcedinidae	*Pelargopsis capensis*	Stork-billed kingfisher	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
20	Alcedinidae	*Todiramphus chloris*	Collared kingfisher	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	
21	Apodidae	*Aerodramus fuciphagus*	Edible-nest swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
23	Apodidae	*Aerodramus maximus*	Black-nest swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
	Apodidae	*Aerodramus* sp.	Swiftlet	N.A	N.A	N.A	N.A	#N/A	N.A	Yes	
24	Apodidae	*Apus nipalensis*	House swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
25	Apodidae	*Apus pacificus*	Pacific swift	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
26	Apodidae	*Collocalia affinis*	Plume-toed swiftlet	Not Assessed	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
27	Apodidae	*Cypsiurus balasiensis*	Asian palm swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
28	Apodidae	*Hirundapus caudacutus*	White-throated needletail	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
29	Apodidae	*Hirundapus cochinchinensis*	Silver-backed needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
30	Apodidae	*Hirundapus giganteus*	Brown-backed needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
	Ardeidae	Ardeidae	N.A	N.A	N.A	N.A	N.A	#N/A	N.A	Yes	
31	Ardeidae	*Bubulcus coromandus*	Eastern cattle egret	Least Concern	Not Assessed	No	Common	Winter visitor/ntroduced resident, breeding not proven	Yes	No	
32	Ardeidae	*Gorsachius melanolophus*	Malayan night heron	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	
33	Bucerotidae	*Anthracoceros albirostris*	Oriental pied hornbill	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	

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34	Cacatuidae	*Cacatua goffiniana*	Tanimbar corella	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes	Yes	
35	Cacatuidae	*Cacatua sulphurea*	Yellow-crested cockatoo	Critically Endangered	Not Assessed	Yes	Uncommon	Introduced resident breeder	Yes	No	
36	Campephagidae	*Lalage nigra*	Pied triller	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
37	Campephagidae	*Pericrocotus divaricatus*	Ashy minivet	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
38	Caprimulgidae	*Caprimulgus affinis*	Savanna nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
39	Caprimulgidae	*Caprimulgus jotaka*	Grey nightjar	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
40	Caprimulgidae	*Caprimulgus macrurus*	Large-tailed nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
41	Chloropseidae	*Chloropsis cochinchinensis*	Blue-winged leafbird	Least Concern	Not Assessed	No	Common	Resident, breeding not proven	Yes	No	
42	Chloropseidae	*Chloropsis sonnerati*	Greater green leafbird	Endangered	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes	No	
43	Ciconiidae	Ciconiidae	N.A	N.A	N.A	N.A	N.A	#N/A	No	Yes	
44	Cisticolidae	*Orthotomus atrogularis*	Dark-necked tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
45	Cisticolidae	*Orthotomus ruficeps*	Ashy tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
46	Cisticolidae	*Orthotomus sericeus*	Rufous-tailed tailorbird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
47	Cisticolidae	*Orthotomus sutorius*	Common tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
48	Cisticolidae	*Prinia flaviventris*	Yellow-bellied prinia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
49	Columbidae	*Chalcophaps indica*	Common emerald dove	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	Also recorded from camera trap
50	Columbidae	*Columba livia*	Rock dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	No	

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51	Columbidae	*Ducula bicolor*	Pied imperial pigeon	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	Yes	
52	Columbidae	*Geopelia striata*	Zebra dove	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	Recorded on camera trap
53	Columbidae	*Ptilinopus jambu*	Jambu fruit dove	Near Threatened	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No	
54	Columbidae	*Spilopelia chinensis*	Spotted dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	Also recorded from camera trap
55	Columbidae	*Treron curvirostra*	Thick-billed green pigeon	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
56	Columbidae	*Treron vernans*	Pink-necked green pigeon	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	
57	Coraciidae	*Eurystomus orientalis*	Oriental dollarbird	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes	
58	Corvidae	*Corvus macrorhynchos*	Large-billed crow	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
59	Corvidae	*Corvus splendens*	House crow	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes	No	
60	Cuculidae	*Cacomantis merulinus*	Plaintive cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
61	Cuculidae	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder	Yes	Yes	
62	Cuculidae	*Cacomantis sonneratii*	Banded bay cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
63	Cuculidae	*Centropus bengalensis*	Lesser coucal	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
64	Cuculidae	*Centropus sinensis*	Greater coucal	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
65	Cuculidae	*Chrysococcyx minutillus*	Little bronze-cuckoo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
66	Cuculidae	*Chrysococcyx xanthorhynchus*	Violet cuckoo	Least Concern	Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	No	
67	Cuculidae	*Clamator coromandus*	Chestnut-winged cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
68	Cuculidae	*Cuculus micropterus*	Indian cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
69	Cuculidae	*Eudynamys scolopaceus*	Asian koel	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes	
70	Cuculidae	*Hierococcyx nisicolor*	Hodgson's hawk cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
71	Cuculidae	*Phaenicophaeus sumatranus*	Chestnut-bellied malkoha	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
72	Cuculidae	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	No	
73	Dicaeidae	*Dicaeum cruentatum*	Scarlet-backed flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
74	Dicaeidae	*Dicaeum trigonostigma*	Orange-bellied flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
75	Dicruridae	*Dicrurus annectans*	Crow-billed drongo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
76	Dicruridae	*Dicrurus paradiseus*	Greater racket-tailed drongo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
77	Estrildidae	*Lonchura punctulata*	Scaly-breasted munia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
78	Hemiprocnidae	*Hemiprocne longipennis*	Grey-rumped treeswift	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
79	Hirundinidae	*Cecropis daurica*	Red-rumped swallow	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
80	Hirundinidae	*Hirundo rustica*	Barn swallow	Least Concern	Not Assessed	No	Abundant	Winter visitor/passage migrant	Yes	No	
81	Hirundinidae	*Hirundo tahitica*	Pacific swallow	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
82	Irenidae	*Irena puella*	Asian fairy-bluebird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
83	Laniidae	*Lanius cristatus*	Brown shrike	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
84	Laniidae	*Lanius tigrinus*	Tiger shrike	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	

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85	Leiothrichidae	*Garrulax leucolophus*	White-crested laughingthrush	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes	Yes	Also recorded from camera trap
86	Megalaimidae	*Psilopogon haemacephalus*	Coppersmith barbet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
87	Megalaimidae	*Psilopogon lineatus*	Lineated barbet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	
88	Megalaimidae	*Psilopogon rafflesii*	Red-crowned barbet	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
89	Meropidae	*Merops philippinus*	Blue-tailed bee-eater	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	Yes	
90	Meropidae	*Merops viridis*	Blue-throated bee-eater	Least Concern	Not Assessed	No	Common	Migrant breeder	Yes	Yes	
91	Monarchidae	*Terpsiphone affinis*	Blyth's paradise flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
92	Monarchidae	*Terpsiphone atrocaudata*	Japanese paradise flycatcher	Near Threatened	Not Assessed	No	Rare	Passage migrant	Yes	No	
93	Monarchidae	*Terpsiphone incei*	Amur paradise flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	
94	Motacillidae	*Anthus rufulus*	Paddyfield pipit	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
95	Motacillidae	*Dendronanthus indicus*	Forest wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	Yes	Recorded on camera trap
96	Motacillidae	*Motacilla cinerea*	Grey wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
97	Muscicapidae	*Copsychus malabaricus*	White-rumped shama	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
98	Muscicapidae	*Copsychus saularis*	Oriental magpie-robin	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	
99	Muscicapidae	*Cyanoptila cumatilis*	Zappey's flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
100	Muscicapidae	*Cyanoptila cyanomelana*	Blue-and-white flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
101	Muscicapidae	*Cyornis brunneatus*	Brown-chested jungle flycatcher	Vulnerable	Not Assessed	Yes	Uncommon	Winter visitor/passage migrant	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
102	Muscicapidae	*Ficedula elisae*	Green-backed flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	Yes	
103	Muscicapidae	*Ficedula mugimaki*	Mugimaki flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No	
104	Muscicapidae	*Ficedula zanthopygia*	Yellow-rumped flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No	
105	Muscicapidae	*Larvivora cyane*	Siberian blue robin	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	
106	Muscicapidae	*Muscicapa dauurica*	Asian brown flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
107	Muscicapidae	*Muscicapa ferruginea*	Ferruginous flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
108	Muscicapidae	*Muscicapa sibirica*	Dark-sided flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
109	Muscicapidae	*Muscicapa williamsoni*	Brown-streaked flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No	
110	Nectariniidae	*Aethopyga siparaja*	Crimson sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
111	Nectariniidae	*Anthreptes malacensis*	Brown-throated sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
112	Nectariniidae	*Arachnothera longirostra*	Little spiderhunter	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
113	Nectariniidae	*Cinnyris jugularis*	Olive-backed sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
114	Nectariniidae	*Leptocoma brasiliana*	Van Hasselt's sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
115	Oriolidae	*Oriolus chinensis*	Black-naped oriole	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
116	Pandionidae	*Pandion haliaetus*	Western osprey	Least Concern	Not Assessed	No	Common	Non-breeding visitor	Yes	No	
117	Passeridae	*Passer montanus*	Eurasian tree sparrow	Least Concern	Not Assessed	No	Common	Resident breeder/introduced?	Yes	No	
118	Pellorneidae	*Malacocincla abbotti*	Abbott's babbler	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
119	Phasianidae	*Gallus gallus*	Red junglefowl	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	Also recorded from camera trap
120	Phasianidae	*Gallus gallus (domestic)*	Domestic chicken	Not Assessed	Not Assessed	No	N/A	Introduced	Yes	No	
121	Phylloscopidae	*Phylloscopus borealis*	Arctic warbler	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
122	Phylloscopidae	*Phylloscopus borealoides*	Sakhalin leaf warbler	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	Yes	
123	Phylloscopidae	*Phylloscopus coronatus*	Eastern crowned warbler	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	Yes	
124	Phylloscopidae	*Phylloscopus inornatus*	Yellow-browed warbler	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	
125	Picidae	*Chrysophlegma miniaceum*	Banded woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
126	Picidae	*Dinopium javanense*	Common flameback	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
127	Picidae	*Micropternus brachyurus*	Rufous woodpecker	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
128	Picidae	*Picus vittatus*	Laced woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	Also recorded from camera trap
129	Picidae	*Yungipicus moluccensis*	Sunda pygmy woodpecker	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	No	
130	Pittidae	*Pitta moluccensis*	Blue-winged pitta	Least Concern	Not Assessed	No	Uncommon	Migrant breeder/winter visitor/passage migrant	Yes	No	
131	Pittidae	*Pitta sordida*	Hooded pitta	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
132	Psittaculidae	*Loriculus galgulus*	Blue-crowned hanging-parrot	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
133	Psittaculidae	*Psittacula alexandri*	Red-breasted parakeet	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes	Yes	
134	Psittaculidae	*Psittacula krameri*	Rose-ringed parakeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	No	
135	Psittaculidae	*Psittacula longicauda*	Long-tailed parakeet	Vulnerable	Not Assessed	Yes	Common	Resident breeder	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
136	Psittaculidae	*Psittinus cyanurus*	Blue-rumped parrot	Near Threatened	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes	No	
137	Psittaculidae	*Trichoglossus haematodus*	Coconut lorikeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	
138	Pycnonotidae	*Hemixos cinereus*	Cinereous bulbul	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No	
139	Pycnonotidae	*Pycnonotus brunneus*	Asian red-eyed bulbul	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	
140	Pycnonotidae	*Pycnonotus goiavier*	Yellow-vented bulbul	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	
141	Pycnonotidae	*Pycnonotus jocosus*	Red-whiskered bulbul	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	No	
142	Pycnonotidae	*Pycnonotus plumosus*	Olive-winged bulbul	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
143	Pycnonotidae	*Pycnonotus zeylanicus*	Straw-headed bulbul	Critically Endangered	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	Also recorded from camera trap
144	Rallidae	*Amaurornis phoenicurus*	White-breasted waterhen	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes	Also recorded from camera trap
145	Rallidae	*Lewinia striata*	Slaty-breasted rail	Least Concern	Not Assessed	No	Uncommon	Resident breeder	No	Yes	Recorded on camera trap
146	Rallidae	*Rallina fasciata*	Red-legged crake	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder/winter visitor	Yes	Yes	Also recorded from camera trap
147	Rhipiduridae	*Rhipidura javanica*	Malaysian pied fantail	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
148	Strigidae	*Bubo sumatranus*	Barred eagle-owl	Least Concern	Not Assessed	No	Rare	Resident breeder	Yes	No	
149	Strigidae	*Ketupa ketupu*	Buffy fish owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
150	Strigidae	*Ninox scutulata*	Brown hawk-owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
151	Strigidae	*Otus lempiji*	Sunda scops owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	Also recorded from camera trap
152	Strigidae	*Otus sunia*	Oriental scops owl	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
153	Strigidae	*Strix seloputo*	Spotted wood owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
154	Sturnidae	*Acridotheres javanicus*	Javan myna	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	Also recorded from camera trap
155	Sturnidae	*Acridotheres tristis*	Common myna	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
156	Sturnidae	*Agropsar sturninus*	Daurian starling	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	
157	Sturnidae	*Aplonis panayensis*	Asian glossy starling	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	Also recorded from camera trap
158	Sturnidae	*Gracula religiosa*	Common hill myna	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
159	Timaliidae	*Mixornis gularis*	Pin-striped tit-babbler	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
160	Turdidae	*Geokichla citrina*	Orange-headed thrush	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
161	Turdidae	*Geokichla sibirica*	Siberian thrush	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
162	Turdidae	*Turdus obscurus*	Eyebrowed thrush	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No	
163	Tytonidae	*Tyto javanica*	Eastern barn owl	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
164	Zosteropidae	*Zosterops simplex*	Swinhoe's white-eye	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
1	Canidae	*Canis lupus familiaris*	Feral dog	Not Assessed	Not Assessed	No	N.A	Non-native	Yes	No	
2	Cercopithecidae	*Macaca fascicularis*	Long-tailed macaque	Vulnerable	Not Assessed	Yes	Widespread and Common	Native	Yes	Yes	Recorded visually and on camera trap.
3	Cynocephalidae	*Galeopterus variegatus*	Malayan colugo	Least Concern	Not Assessed	Yes	Restricted but Common	Native	Yes	Yes	Recorded visually.
4	Felidae	*Felis catus*	Feral cat	Not Assessed	Not Assessed	No	N.A	Non-native	Yes	No	
5	Manidae	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Yes	Widespread but Rare	Native	Yes	Yes	Recorded on camera trap CT01–CT04.
6	Muridae	*Mus castaneus*	House mouse	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
7	Muridae	*Rattus annandalei*	Annandale's rat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No	
8	Muridae	*Rattus exulans*	Polynesian rat	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	
9	Muridae	*Rattus norvegicus*	Brown rat	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
10	Muridae	*Rattus tanezumi*	Oriental house rat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded visually.
11	Muridae	*Rattus tiomanicus*	Malaysian wood rat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
12	Sciuridae	*Callosciurus notatus*	Plantain squirrel	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded visually and on camera trap.
13	Sciuridae	*Sundasciurus tenuis*	Slender squirrel	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes	Recorded visually and on camera trap.
14	Soricidae	*Suncus murinus*	House shrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
15	Suidae	*Sus scrofa*	Wild pig	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded footprints and scats (visually) and on camera trap.
16	Tupaiidae	*Tupaia glis*	Common treeshrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded visually and on camera trap.
17	Viverridae	*Paradoxurus musangus*	Common palm civet	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes	Recorded scat (visually) and on camera trap.

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of onservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
1	Emballonuridae	*Saccolaimus saccolaimus*	Pouch-bearing bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded via acoustic sampling
2	Emballonuridae	*Taphozous melanopogon*	Black-bearded tomb bat	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No	
3	Pteropodidae	*Cynopterus brachyotis*	Lesser dog-faced fruit bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded via trapping
4	Pteropodidae	*Eonycteris spelaea*	Cave nectar bat	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes	Recorded via trapping
5	Rhinolophidae	*Rhinolophus lepidus*	Glossy horseshoe bat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes	Recorded via trapping and acoustic sampling
6	Vespertilionidae	*Myotis muricola*	Whiskered myotis	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded via acoustic sampling
7	Vespertilionidae	*Pipistrellus javanicus*	Javan pipistrelle	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	
8	Vespertilionidae	*Scotophilus kuhlii*	Asiatic lesser yellow house bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded via acoustic sampling
9	Vespertilionidae	*Tylonycteris fulvida*	Lesser bamboo bat	Least Concern	Critically Endangered	Yes	Rare and Restricted	Native	Yes	No	
10	Vespertilionidae	*Tylonycteris malayana*	Greater bamboo bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
	Vespertilionidae	*Tylonycteris* spp.	Bamboo bat	N.A	N.A	N.A	N.A	N.A	N.A	Yes	Recorded visually and via acoustic sampling

Appendix H2

List of Probable Recorded Species at Forested Area adjacent to Fairways Quarters

Faunal group	Total no. of probable species		Total no. of recorded species		Total no. of recorded species not on probable list (CS species)
	All species	CS species	All species	CS species	
Aculeate hymenopterans	92	0	17	0	0
Bees	45	0	9	0	0
Stinging wasps	47	0	8	0	0
Odonates	70	14	22	0	0
Dragonflies	46	3	17	0	0
Damselflies	24	11	5	0	0
Butterflies	171	14	26	3	0
Freshwater decapod crustaceans	2	0	0	0	0
Freshwater fish	13	1	6	1	0
Herpetofauna	51	2	18	0	0
Amphibians	16	0	9	0	0
Reptiles	35	2	9	0	0
Birds	162	23	59	7	1 (0)
Mammals	30	6	17	4	0
Non-volant Mammals	20	3	9	3	0
Bats	10	3	8	1	1 (0)
Total	**591**	**60**	**165**	**15**	**2 (0)**

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Ascher et al. (in prep); JXQ Lee, pers comm)	Species of conservation significance	Native status (The Biodiversity of Singapore, 2021; JXQ Lee, pers comm)	Probable species	Recorded species	Remarks
1	Bee	Apidae	*Amegilla andrewsi*	Andrew's blue-banded digger bee	Not Assessed	Least Concern	No	Native	Yes	Yes	
2	Bee	Apidae	*Apis andreniformis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
3	Bee	Apidae	*Apis cerana*	Eastern honey bee	Not Assessed	Least Concern	No	Native	Yes	Yes	
4	Bee	Apidae	*Apis dorsata*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
5	Bee	Apidae	*Braunsapis clarihirta*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
6	Bee	Apidae	*Braunsapis cupulifera**	NA	Not Assessed	Least Concern	No	Native	Yes	No	
7	Bee	Apidae	*Braunsapis hewitti**	NA	Not Assessed	Least Concern	No	Native	Yes	No	
8	Bee	Apidae	*Braunsapis puangensis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
9	Bee	Apidae	*Ceratina collusor*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
10	Bee	Apidae	*Ceratina dentipes*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
11	Bee	Apidae	*Ceratina lieftincki*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
12	Bee	Apidae	*Ceratina negrolateralis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
13	Bee	Apidae	*Ceratina perforatrix*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
14	Bee	Apidae	*Ceratina smaragdula*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
15	Bee	Apidae	*Ceratina unimaculata*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
16	Bee	Apidae	*Heterotrigona itama*	Malaysian stingless bee	Not Assessed	Least Concern	No	Native	Yes	No	
17	Bee	Apidae	*Tetragonula valdezi*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	Nest observed
18	Bee	Apidae	*Thyreus ceylonicus*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
19	Bee	Apidae	*Thyreus himalayensis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
20	Bee	Apidae	*Xylocopa aestuans*	White-cheeked carpenter bee	Not Assessed	Least Concern	No	Native	Yes	No	
21	Bee	Apidae	Xylocopa caerulea	NA	Not Assessed	Least Concern	No	Native	Yes	No	
22	Bee	Apidae	*Xylocopa flavonigrescens*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	
23	Bee	Apidae	*Xylocopa latipes*	Broad-handed carpenter bee	Not Assessed	Least Concern	No	Native	Yes	Yes	
24	Bee	Apidae	*Xylocopa myops*	NA	Not Assessed	Data Deficient	No	Native	Yes	No	
25	Bee	Colletidae	*Hylaeus penangensis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
26	Bee	Halictidae	*Lasioglossum adonidiae*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
27	Bee	Halictidae	*Lasioglossum albescens*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	
28	Bee	Halictidae	*Lasioglossum deliense*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
29	Bee	Halictidae	*Lasioglossum vagans*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
30	Bee	Halictidae	*Lipotriches ceratina*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
31	Bee	Halictidae	*Nomia fuscipennis*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	
32	Bee	Halictidae	*Nomia incerta*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
33	Bee	Halictidae	*Nomia iridescens*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
34	Bee	Halictidae	*Nomia sp. aff. apicalis*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	
35	Bee	Halictidae	*Nomia strigata*	Pearly-banded bee	Not Assessed	Least Concern	No	Native	Yes	Yes	
36	Bee	Halictidae	*Patellapis murbanus*	NA	Not Assessed	Least Concern	No	Native	Yes	No	

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Ascher et al. (in prep); JXQ Lee, pers comm)	Species of conservation significance	Native status (The Biodiversity of Singapore, 2021; JXQ Lee, pers comm)	Probable species	Recorded species	Remarks
37	Bee	Halictidae	*Pseudapis siamensis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
38	Bee	Megachilidae	*Coelioxys confusus*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
39	Bee	Megachilidae	*Euaspis polynesia*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
40	Bee	Megachilidae	*Megachile conjuncta*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
41	Bee	Megachilidae	*Megachile disjuncta*	NA	Not Assessed	Least Concern	No	Non-native	Yes	No	
42	Bee	Megachilidae	*Megachile fulvipennis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
43	Bee	Megachilidae	*Megachile laticeps*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
44	Bee	Megachilidae	*Megachile subrixator*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
45	Bee	Megachilidae	*Megachile umbripennis*	NA	Not Assessed	Least Concern	No	Non-native	Yes	No	
46	Stinging Wasp	Crabronidae	*Liris subtessellatus*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
47	Stinging Wasp	Crabronidae	*Tachytes cf. modestus*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
48	Stinging Wasp	Crabronidae	*Tachytes cf. trigonalis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
49	Stinging Wasp	Crabronidae	*Trypoxylon sp.*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	
50	Stinging Wasp	Pompilidae	*Auplopus sp.*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
51	Stinging Wasp	Pompilidae	*Paragenia argentifrons*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
52	Stinging Wasp	Pompilidae	*Tachypompilus analis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
53	Stinging Wasp	Scoliidae	*Campsomeriella collaris*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
54	Stinging Wasp	Scoliidae	*Phalerimeris phalerata*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
55	Stinging Wasp	Sphecidae	*Chalybion bengalense*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
56	Stinging Wasp	Sphecidae	*Isodontia diodon*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
57	Stinging Wasp	Sphecidae	*Sceliphron javanum*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
58	Stinging Wasp	Sphecidae	*Sceliphron madraspatanum*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
59	Stinging Wasp	Sphecidae	*Sphex diabolicus*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
60	Stinging Wasp	Sphecidae	*Sphex sericeus*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
61	Stinging Wasp	Sphecidae	*Sphex subtruncatus*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	
62	Stinging Wasp	Vespidae	*Allorhynchium argentatum*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
63	Stinging Wasp	Vespidae	*Antepipona sp. nr. bipustulata*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
64	Stinging Wasp	Vespidae	*Delta campaniforme*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
65	Stinging Wasp	Vespidae	*Delta esuriens*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
66	Stinging Wasp	Vespidae	*Delta pyriforme*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
67	Stinging Wasp	Vespidae	*Elimus sp.*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
68	Stinging Wasp	Vespidae	*Eumenes sp.*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
69	Stinging Wasp	Vespidae	*Eustenogaster hauxwelli*	NA	Not Assessed	Near Threatened	No	Native	Yes	No	
70	Stinging Wasp	Vespidae	*Eustenogaster micans*	NA	Not Assessed	Near Threatened	No	Native	Yes	No	
71	Stinging Wasp	Vespidae	*Labus sp.*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
72	Stinging Wasp	Vespidae	*Liostenogaster nitidipennis*	NA	Not Assessed	Near Threatened	No	Native	Yes	No	
73	Stinging Wasp	Vespidae	*Liostenogaster varipicta*	NA	Not Assessed	Near Threatened	No	Native	Yes	Yes	
74	Stinging Wasp	Vespidae	*Parapolybia varia*	Lesser paper wasp	Not Assessed	Near Threatened	No	Native	Yes	No	
75	Stinging Wasp	Vespidae	*Parischnogaster mellyi*	NA	Not Assessed	Least Concern	No	Native	Yes	No	

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76	Stinging Wasp	Vespidae	*Parischnogaster nigricans*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
77	Stinging Wasp	Vespidae	*Phimenes flavopictus*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
78	Stinging Wasp	Vespidae	*Polistes meadeanus*	NA	Not Assessed	Near Threatened	No	Native	Yes	No	
79	Stinging Wasp	Vespidae	*Polistes sagittarius*	Banded paper wasp	Not Assessed	Least Concern	No	Native	Yes	No	
80	Stinging Wasp	Vespidae	*Polistes stigma*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
81	Stinging Wasp	Vespidae	*Provespa anomala*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
82	Stinging Wasp	Vespidae	*Rhynchium haemorrhoidale*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
83	Stinging Wasp	Vespidae	*Ropalidia erythrospila*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
84	Stinging Wasp	Vespidae	*Ropalidia jacobsoni*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	Nest observed
85	Stinging Wasp	Vespidae	*Ropalidia stigma*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	
86	Stinging Wasp	Vespidae	*Ropalidia sumatrae*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	Nest observed
87	Stinging Wasp	Vespidae	*Ropalidia timida*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
88	Stinging Wasp	Vespidae	*Stenodyneriellus guttulatus*	NA	Not Assessed	Least Concern	No	Native	Yes	Yes	
89	Stinging Wasp	Vespidae	*Subancistrocerus sichelii*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
90	Stinging Wasp	Vespidae	*Vespa affinis*	Lesser banded hornet	Not Assessed	Least Concern	No	Native	Yes	No	
91	Stinging Wasp	Vespidae	*Vespa analis*	NA	Not Assessed	Least Concern	No	Native	Yes	No	
92	Stinging Wasp	Vespidae	*Vespa tropica*	Greater banded hornet	Not Assessed	Least Concern	No	Native	Yes	Yes	
*Based on Ascher et al. (in prep), both the taxonomic revision of Braunsapis and preliminary DNA barcoding results from Singapore suggests that both *B. cupulifera* and *B. hewitti* may be species complexes.											

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Soh et al., 2019)	Species of conservation significance	Distribution/Rarity (Soh et al. 2019)	Probable species	Recorded species	Remarks
1	Damselfly	Argiolestidae	*Podolestes orientalis*	Blue-spotted flatwing	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Yes	No	
2	Damselfly	Calopterygidae	*Vestalis amethystina*	Common flashwing	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
3	Damselfly	Coenagrionidae	*Agriocnemis femina*	Variable wisp	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
4	Damselfly	Coenagrionidae	*Agriocnemis rubescens*	Variable sprite	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
5	Damselfly	Coenagrionidae	*Amphicnemis gracilis*	Will-o-wisp	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
6	Damselfly	Coenagrionidae	*Archibasis viola*	Violet sprite	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
7	Damselfly	Coenagrionidae	*Ceriagrion cerinorubellum*	Ornate coraltail	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
8	Damselfly	Coenagrionidae	*Ceriagrion chaoi*	Fiery coraltail	Least Concern	Least Concern	Yes	Widespread but Uncommon	Yes	No	
9	Damselfly	Coenagrionidae	*Ischnura senegalensis*	Common bluetail	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
10	Damselfly	Coenagrionidae	*Pericnemis stictica*	Dryad	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
11	Damselfly	Coenagrionidae	*Pseudagrion microcephalum*	Blue sprite	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
12	Damselfly	Coenagrionidae	*Teinobasis ruficollis*	Red-tailed sprite	Not Assessed	Near Threatened	No	Widespread but Rare	Yes	No	
13	Damselfly	Devadattidae	*Devadatta argyoides*	Malayan grisette	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes	No	
14	Damselfly	Euphaeidae	*Euphaea impar*	Blue-sided satinwing	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
15	Damselfly	Lestidae	*Lestes praemorsus*	Crenulated spreadwing	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
16	Damselfly	Platycnemididae	*Coeliccia octogesima*	Telephone sylvan	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
17	Damselfly	Platycnemididae	*Copera marginipes*	Yellow featherlegs	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
18	Damselfly	Platycnemididae	*Copera vittata*	Variable featherlegs	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
19	Damselfly	Platycnemididae	*Onychargia atrocyana*	Shorttail	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
20	Damselfly	Platystictidae	*Drepanosticta quadrata*	Singapore shadowdamsel	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
21	Damselfly	Protoneuridae	*Prodasineura collaris*	Collared threadtail	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes	No	
22	Damselfly	Protoneuridae	*Prodasineura humeralis*	Orange-striped threadtail	Not Assessed	Least Concern	No	Widespread and Common	Yes	Yes	
23	Damselfly	Protoneuridae	*Prodasineura interrupta*	Interrupted threadtail	Not Assessed	Critically Endangered	Yes	Restricted and Uncommon	Yes	No	
24	Damselfly	Protoneuridae	*Prodasineura notostigma*	Crescent threadtail	Not Assessed	Least Concern	No	Widespread and Common	Yes	Yes	
25	Dragonfly	Aeshnidae	*Anax guttatus*	Emperor	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
26	Dragonfly	Aeshnidae	*Gynacantha basiguttata*	Spoon-tailed duskhawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
27	Dragonfly	Aeshnidae	*Gynacantha bayadera*	Small duskhawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
28	Dragonfly	Aeshnidae	*Gynacantha dohrni*	Spear-tail duskhawker	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	No	
29	Dragonfly	Aeshnidae	*Gynacantha subinterrupta*	Dingy duskhawker	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	Yes	
30	Dragonfly	Gomphidae	*Ictinogomphus decoratus*	Common flangetail	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
31	Dragonfly	Gomphidae	*Macrogomphus quadratus*	Forktail	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Yes	No	
32	Dragonfly	Libellulidae	*Acisoma panorpoides*	Trumpet tail	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
33	Dragonfly	Libellulidae	*Aethriamanta aethra*	Blue adjudant	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
34	Dragonfly	Libellulidae	*Aethriamanta brevipennis*	Scarlet adjudant	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
35	Dragonfly	Libellulidae	*Aethriamanta gracilis*	Pond adjudant	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
36	Dragonfly	Libellulidae	*Agrionoptera insignis*	Grenadier	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
37	Dragonfly	Libellulidae	*Agrionoptera sexlineata*	Handsome grenadier	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	No	
38	Dragonfly	Libellulidae	*Brachydiplax chalybea*	Blue dasher	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
39	Dragonfly	Libellulidae	*Brachythemis contaminata*	Common amberwing	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
40	Dragonfly	Libellulidae	*Camacinia gigantea*	Sultan	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	Yes	

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41	Dragonfly	Libellulidae	*Cratilla metallica*	Dark-tipped forest skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
42	Dragonfly	Libellulidae	*Crocothemis servilia*	Common scarlet	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
43	Dragonfly	Libellulidae	*Diplacodes nebulosa*	Black-tipped percher	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
44	Dragonfly	Libellulidae	*Diplacodes trivialis*	Blue percher	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
45	Dragonfly	Libellulidae	*Hydrobasileus croceus*	Water monarch	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
46	Dragonfly	Libellulidae	*Lathrecista asiatica*	Scarlet grenadier	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
47	Dragonfly	Libellulidae	*Nannophya pygmaea*	Scarlet pygmy	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
48	Dragonfly	Libellulidae	*Nesoxenia lineata*	Striped grenadier	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
49	Dragonfly	Libellulidae	*Neurothemis fluctuans*	Common parasol	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
50	Dragonfly	Libellulidae	*Orchithemis pulcherrima*	Variable sentinel	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
51	Dragonfly	Libellulidae	*Orthetrum chrysis*	Spine-tufted skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
52	Dragonfly	Libellulidae	*Orthetrum glaucum*	Common blue skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
53	Dragonfly	Libellulidae	*Orthetrum luzonicum*	Slender blue skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
54	Dragonfly	Libellulidae	*Orthetrum sabina*	Variegated green skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
55	Dragonfly	Libellulidae	*Orthetrum testaceum*	Scarlet skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
56	Dragonfly	Libellulidae	*Pantala flavescens*	Wandering glider	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
57	Dragonfly	Libellulidae	*Potamarcha congener*	Common chaser	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
58	Dragonfly	Libellulidae	*Pseudothemis jorina*	Banded skimmer	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
59	Dragonfly	Libellulidae	*Rhodothemis rufa*	Common redbolt	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
60	Dragonfly	Libellulidae	*Rhyothemis phyllis*	Yellow-barred flutterer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
61	Dragonfly	Libellulidae	*Rhyothemis triangularis*	Sapphire flutterer	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
62	Dragonfly	Libellulidae	*Tholymis tillarga*	White-barred duskhawk	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
63	Dragonfly	Libellulidae	*Tramea transmarina*	Saddlebag glider	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
64	Dragonfly	Libellulidae	*Trithemis aurora*	Crimson dropwing	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
65	Dragonfly	Libellulidae	*Trithemis festiva*	Indigo dropwing	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
66	Dragonfly	Libellulidae	*Trithemis pallidinervis*	Dancing dropwing	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
67	Dragonfly	Libellulidae	*Tyriobapta torrida*	Treehugger	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
68	Dragonfly	Libellulidae	*Urothemis signata*	Scarlet basker	Not Assessed	Least Concern	No	Widespread and Common	Yes	No	
69	Dragonfly	Libellulidae	*Zyxomma petiolatum*	Slender duskdarter	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
70	Dragonfly	Synthemistidae	*Idionyx yolanda*	Shadowdancer	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	No	

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1	Hesperiidae	*Ampittia dioscorides camertes*	Bush hopper	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
2	Hesperiidae	*Ancistroides nigrita maura*	Chocolate demon	Not Assessed	Not Assessed	No	Common	Yes	Yes	
3	Hesperiidae	*Astictopterus jama jama*	Forest hopper	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
4	Hesperiidae	*Baoris farri farri*	Bamboo paintbrush swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
5	Hesperiidae	*Baoris oceia*	Paintbrush swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
6	Hesperiidae	*Borbo cinnara*	Formosan swift	Not Assessed	Endangered	Yes	Moderately common	Yes	Yes	
7	Hesperiidae	*Bibasis etelka*	Great orange awlet	Not Assessed	Not Assessed	No	Rare	Yes	No	
8	Hesperiidae	*Bibasis harisa consobrina*	Orange awlet	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
9	Hesperiidae	*Caltoris cormasa*	Full stop swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
10	Hesperiidae	*Cephrenes acalle niasicus*	Plain palm dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
11	Hesperiidae	*Cephrenes trichopepla*	Yellow palm dart	Not Assessed	Not Assessed	No	Common	Yes	No	
12	Hesperiidae	*Erionota acroleuca apicalis*	White tipped banana skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
13	Hesperiidae	*Erionota thrax thrax*	Banana skipper	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
14	Hesperiidae	*Erionota torus*	Torus skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
15	Hesperiidae	*Halpe ormenes vilasina*	Dark banded ace	Not Assessed	Not Assessed	No	Rare	Yes	No	
16	Hesperiidae	*Hasora badra badra*	Common awl	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
17	Hesperiidae	*Hasora chromus chromus*	Common banded awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
18	Hesperiidae	*Hasora vitta vitta*	Plain banded awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
19	Hesperiidae	*Hidari irava*	Coconut skipper	Not Assessed	Not Assessed	No	Common	Yes	No	
20	Hesperiidae	*Iambrix salsala salsala*	Chestnut bob	Not Assessed	Not Assessed	No	Common	Yes	Yes	
21	Hesperiidae	*Iambrix stellifer*	Starry bob	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
22	Hesperiidae	*Matapa aria*	Common redeye	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
23	Hesperiidae	*Notocrypta paralysos varians*	Banded demon	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
24	Hesperiidae	*Oriens gola pseudolus*	Common dartlet	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
25	Hesperiidae	*Oriens paragola*	Malay dartlet	Not Assessed	Not Assessed	No	Rare	Yes	No	
26	Hesperiidae	*Pelopidas agna agna*	Bengal swift	Not Assessed	Endangered	Yes	Moderately common	Yes	No	
27	Hesperiidae	*Pelopidas assamensis*	Great swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
28	Hesperiidae	*Pelopidas conjunctus conjunctus*	Conjoined swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
29	Hesperiidae	*Pelopidas mathias mathias*	Small branded swift	Not Assessed	Not Assessed	No	Common	Yes	No	
30	Hesperiidae	*Plastingia naga*	Chequered lancer	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
31	Hesperiidae	*Polytremis lubricans lubricans*	Contiguous swift	Not Assessed	Not Assessed	No	Common	Yes	No	
32	Hesperiidae	*Potanthus ganda*	NA	Not Assessed	Not Assessed	No	NA	Yes	No	
33	Hesperiidae	*Potanthus omaha omaha*	Lesser dart	Not Assessed	Not Assessed	No	Common	Yes	Yes	
34	Hesperiidae	*Potanthus serina*	Large dart	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
35	Hesperiidae	*Potanthus trachala tytleri*	Detached dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	

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36	Hesperiidae	*Pyroneura latoia latoia*	Yellow vein lancer	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
37	Hesperiidae	*Suastus gremius gremius*	Palm bob	Not Assessed	Not Assessed	No	Common	Yes	No	
38	Hesperiidae	*Tagiades japetus atticus*	Common snow flat	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
39	Hesperiidae	*Taractrocera archias quinta*	Yellow grass dart	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
40	Hesperiidae	*Taractrocera ardonia lamia*	Spotted grass dart	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
41	Hesperiidae	*Telicota augias augias*	Pale palm dart	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
42	Hesperiidae	*Telicota besta bina*	Besta palm dart	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
43	Hesperiidae	*Telicota colon stinga*	Common palm dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No	
44	Hesperiidae	*Udaspes folus*	Grass demon	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
45	Hesperiidae	*Zographetus doxus*	Spotted flitter	Not Assessed	Not Assessed	No	Rare	Yes	No	
46	Lycaenidae	*Acytolepis puspa lambi*	Common hedge blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
47	Lycaenidae	*Allotinus unicolor unicolor*	Lesser darkwing	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
48	Lycaenidae	*Anthene emolus goberus*	Ciliate blue	Not Assessed	Not Assessed	No	Common	Yes	No	
49	Lycaenidae	*Anthene lycaenina miya*	Pointed ciliate blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
50	Lycaenidae	*Arhopala amphimuta amphimuta*	NA	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	Yes	
51	Lycaenidae	*Arhopala centaurus nakula*	Centaur oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
52	Lycaenidae	*Arhopala major major*	NA	Not Assessed	Data Deficient	No	Common	Yes	No	
53	Lycaenidae	*Catochrysops panormus exiguus*	Silver forget-me-not	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
54	Lycaenidae	*Catochrysops strabo strabo*	Forget-me-not	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
55	Lycaenidae	*Catopyrops ancyra*	Ancyra blue	Not Assessed	Vulnerable	Yes	Moderately rare	Yes	No	
56	Lycaenidae	*Chilades pandava pandava*	Cycad blue	Not Assessed	Not Assessed	No	Common	Yes	No	
57	Lycaenidae	*Curetis saronis sumatrana*	Sumatran sunbeam	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
58	Lycaenidae	*Drupadia ravindra moorei*	Common posy	Not Assessed	Not Assessed	No	Common	Yes	No	
59	Lycaenidae	*Eooxylides tharis distanti*	Branded imperial	Not Assessed	Not Assessed	No	Common	Yes	Yes	
60	Lycaenidae	*Euchrysops cnejus cnejus*	Gram blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
61	Lycaenidae	*Everes lacturnus rileyi*	Indian cupid	Not Assessed	Not Assessed	No	Rare	Yes	No	
62	Lycaenidae	*Flos apidanus saturatus*	Plain plushblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
63	Lycaenidae	*Hypolycaena erylus teatus*	Common tit	Not Assessed	Not Assessed	No	Common	Yes	No	
64	Lycaenidae	*Hypolycaena thecloides thecloides*	Dark tit	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
65	Lycaenidae	*Ionolyce helicon merguiana*	Pointed line blue	Not Assessed	Not Assessed	No	Common	Yes	Yes	
66	Lycaenidae	*Iraota rochana boswelliana*	Scarce silverstreak	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
67	Lycaenidae	*Jamides alecto ageladas*	Metallic caerulean	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
68	Lycaenidae	*Jamides bochus nabonassar*	Dark caerulean	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
69	Lycaenidae	*Jamides celeno aelianus*	Common caerulean	Not Assessed	Not Assessed	No	Common	Yes	Yes	
70	Lycaenidae	*Lampides boeticus*	Pea blue	Not Assessed	Not Assessed	No	Common	Yes	No	
71	Lycaenidae	*Logania marmorata damis*	Pale mottle	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
72	Lycaenidae	*Loxura atymnus fuconius*	Yamfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No	

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73	Lycaenidae	*Megisba malaya sikkima*	Malayan	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
74	Lycaenidae	*Miletus biggsii biggsii*	Bigg's brownwing	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
75	Lycaenidae	*Miletus symethus petronius*	Blue brownwing/great brownie	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
76	Lycaenidae	*Nacaduba berenice icena*	Rounded sixline blue	Not Assessed	Not Assessed	No	Common	Yes	No	
77	Lycaenidae	*Nacaduba beroe neon*	Opaque sixline blue	Not Assessed	Not Assessed	No	Common	Yes	No	
78	Lycaenidae	*Nacaduba biocellata*	Two spotted line blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
79	Lycaenidae	*Nacaduba kurava nemana*	Transparent sixline blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No	
80	Lycaenidae	*Petrelaea dana dana*	Dingy line blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
81	Lycaenidae	*Prosotas dubiosa lumpura*	Tailless line blue	Not Assessed	Not Assessed	No	Common	Yes	No	
82	Lycaenidae	*Prosotas nora superdates*	Common line blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
83	Lycaenidae	*Rapala dieneces dieneces*	Scarlet flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
84	Lycaenidae	*Rapala iarbus iarbus*	Common red flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
85	Lycaenidae	*Rapala manea chozeba*	Slate flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
86	Lycaenidae	*Rapala pheretima sequeira*	Copper flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
87	Lycaenidae	*Rapala suffusa barthema*	Suffused flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
88	Lycaenidae	*Rapala varuna orseis*	Indigo flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
89	Lycaenidae	*Semanga superba deliciosa*	NA	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
90	Lycaenidae	*Spalgis epius epius*	Apefly	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
91	Lycaenidae	*Spindasis lohita senama*	Long banded silverline	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
92	Lycaenidae	*Spindasis syama terana*	Club silverline	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
93	Lycaenidae	*Surendra vivarna amisena*	Acacia blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
94	Lycaenidae	*Tajuria cippus maxentius*	Peacock royal	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
95	Lycaenidae	*Virachola kessuma deliochus*	Pitcher blue	Not Assessed	Not Assessed	No	Rare	Yes	No	
96	Lycaenidae	*Zeltus amasa maximinianus*	Fluffy tit	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
97	Lycaenidae	*Zizeeria maha serica*	Pale grass blue	Not Assessed	Not Assessed	No	Common	Yes	No	
98	Lycaenidae	*Zizina otis lampa*	Lesser grass blue	Not Assessed	Not Assessed	No	Common	Yes	No	
99	Lycaenidae	*Zizula hylax pygmaea*	Pygmy grass blue	Not Assessed	Not Assessed	No	Common	Yes	Yes	
100	Nymphalidae	*Acraea terpsicore*	Tawny coster	Not Assessed	Not Assessed	No	Common	Yes	No	
101	Nymphalidae	*Amathusia phidippus phidippus*	Palm king	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
102	Nymphalidae	*Athyma kanwa kanwa*	Dot-dash sergeant	Not Assessed	Not Assessed	No	Rare	Yes	No	
103	Nymphalidae	*Athyma nefte subrata*	Colour sergeant	Not Assessed	Not Assessed	No	Common	Yes	No	
104	Nymphalidae	*Cethosia cyane*	Leopard lacewing	Not Assessed	Not Assessed	No	Common	Yes	No	
105	Nymphalidae	*Cupha erymanthis lotis*	Rustic	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
106	Nymphalidae	*Danaus chrysippus chrysippus*	Plain tiger	Not Assessed	Not Assessed	No	Common	Yes	No	
107	Nymphalidae	*Doleschallia bisaltide bisaltide*	Autumn leaf	Not Assessed	Not Assessed	No	Common	Yes	No	
108	Nymphalidae	*Elymnias hypermnestra agina*	Common palmfly	Not Assessed	Not Assessed	No	Common	Yes	No	
109	Nymphalidae	*Elymnias panthera panthera*	Tawny palmfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
110	Nymphalidae	*Euploea midamus singapura*	Blue spotted crow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	

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111	Nymphalidae	*Euploea mulciber mulciber*	Striped blue crow	Not Assessed	Not Assessed	No	Common	Yes	No	
112	Nymphalidae	*Euripus nyctelius euploeoides*	Courtesan	Not Assessed	Critically Endangered	Yes	Rare	Yes	No	
113	Nymphalidae	*Euthalia aconthea gurda*	Baron	Not Assessed	Not Assessed	No	Common	Yes	No	
114	Nymphalidae	*Euthalia adonia pinwilli*	Green baron	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
115	Nymphalidae	*Euthalia monina monina*	Malay baron	Not Assessed	Not Assessed	No	Common	Yes	No	
116	Nymphalidae	*Faunis canens arcesilas*	Common faun	Not Assessed	Not Assessed	No	Common	Yes	No	
117	Nymphalidae	*Hypolimnas anomala anomala*	Malayan eggfly	Not Assessed	Not Assessed	No	Common	Yes	No	
118	Nymphalidae	*Hypolimnas bolina bolina*	Great eggfly	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
119	Nymphalidae	*Hypolimnas bolina jacintha*	Jacintha eggfly	Not Assessed	Not Assessed	No	Common	Yes	No	
120	Nymphalidae	*Ideopsis vulgaris macrina*	Blue glassy tiger	Not Assessed	Not Assessed	No	Common	Yes	No	
121	Nymphalidae	*Junonia almana javana*	Peacock pansy	Least Concern	Not Assessed	No	Common	Yes	No	
122	Nymphalidae	*Junonia atlites atlites*	Grey pansy	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
123	Nymphalidae	*Junonia hedonia ida*	Chocolate pansy	Not Assessed	Not Assessed	No	Common	Yes	Yes	
124	Nymphalidae	*Junonia orithya wallacei*	Blue pansy	Not Assessed	Not Assessed	No	Common	Yes	No	
125	Nymphalidae	*Lasippa heliodore dorelia*	Burmese lascar	Not Assessed	Data Deficient	No	Rare	Yes	No	
126	Nymphalidae	*Lasippa tiga siaka*	Malayan lascar	Not Assessed	Not Assessed	No	Common	Yes	Yes	
127	Nymphalidae	*Lethe europa malaya*	Bamboo tree brown	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
128	Nymphalidae	*Lexias pardalis dirteana*	Archduke	Not Assessed	Not Assessed	No	Common	Yes	No	
129	Nymphalidae	*Melanitis leda leda*	Common evening brown	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
130	Nymphalidae	*Moduza procris milonia*	Commander	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
131	Nymphalidae	*Mycalesis mineus macromalayana*	Dark brand bush brown	Not Assessed	Not Assessed	No	Common	Yes	Yes	
132	Nymphalidae	*Mycalesis perseoides perseoides*	Burmese bush brown	Not Assessed	Data Deficient	No	Common	Yes	Yes	
133	Nymphalidae	*Mycalesis perseus cepheus*	Dingy bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
134	Nymphalidae	*Mycalesis visala phamis*	Long brand bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
135	Nymphalidae	*Neptis hylas papaja*	Common sailor	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
136	Nymphalidae	*Orsotriaena medus cinerea*	Dark grass brown	Not Assessed	Not Assessed	No	Common	Yes	No	
137	Nymphalidae	*Pantoporia hordonia hordonia*	Common lascar	Not Assessed	Not Assessed	No	Common	Yes	No	
138	Nymphalidae	*Parantica agleoides agleoides*	Dark glassy tiger	Not Assessed	Not Assessed	No	Common	Yes	No	
139	Nymphalidae	*Phaedyma columella singa*	Short banded sailor	Not Assessed	Not Assessed	No	Common	Yes	No	
140	Nymphalidae	*Phalanta phalantha phalantha*	Leopard	Not Assessed	Not Assessed	No	Common	Yes	No	
141	Nymphalidae	*Polyura hebe plautus*	Plain nawab	Not Assessed	Not Assessed	No	Common	Yes	No	
142	Nymphalidae	*Polyura schreiber tisamenus*	Blue nawab	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
143	Nymphalidae	*Symbrenthia hippoclus selangorana*	Malayan jester	Not Assessed	Not Assessed	Yes	Very rare	Yes	No	
144	Nymphalidae	*Tanaecia iapis puseda*	Horsfield's baron	Not Assessed	Not Assessed	No	Common	Yes	Yes	
145	Nymphalidae	*Tanaecia pelea pelea*	Malay viscount	Not Assessed	Not Assessed	No	Common	Yes	Yes	
146	Nymphalidae	*Vindula dejone erotella*	Cruiser	Not Assessed	Not Assessed	No	Common	Yes	No	

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147	Nymphalidae	*Ypthima baldus newboldi*	Common five-ring	Not Assessed	Not Assessed	No	Common	Yes	Yes	
148	Nymphalidae	*Ypthima horsfieldii humei*	Malayan five-ring	Not Assessed	Not Assessed	No	Common	Yes	Yes	
149	Nymphalidae	*Ypthima huebneri*	Common four-ring	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
150	Nymphalidae	*Ypthima pandocus corticaria*	Common three-ring	Not Assessed	Not Assessed	No	Common	Yes	No	
151	Nymphalidae	*Zeuxidia amethystus amethystus*	Saturn	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
152	Papilionidae	*Chilasa clytia clytia*	Common mime	Not Assessed	Not Assessed	No	Common	Yes	No	
153	Papilionidae	*Graphium agamemnon agamemnon*	Tailed jay	Not Assessed	Not Assessed	No	Common	Yes	No	
154	Papilionidae	*Graphium sarpedon luctatius*	Common bluebottle	Not Assessed	Not Assessed	No	Common	Yes	Yes	
155	Papilionidae	*Pachliopta aristolochiae asteris*	Common rose	Not Assessed	Vulnerable	Yes	Moderately common	Yes	No	
156	Papilionidae	*Papilio demoleus malayanus*	Lime butterfly	Not Assessed	Not Assessed	No	Common	Yes	No	
157	Papilionidae	*Papilio polytes romulus*	Common mormon	Not Assessed	Not Assessed	No	Common	Yes	No	
158	Papilionidae	*Troides helena cerberus*	Common birdwing	Not Assessed; CITES protected (Appendix II)	Vulnerable	Yes	Moderately common	Yes	Yes	
159	Pieridae	*Appias libythea olferna*	Striped albatross	Not Assessed	Not Assessed	No	Common	Yes	No	
160	Pieridae	*Catopsilia pomona pomona*	Lemon emigrant	Not Assessed	Not Assessed	No	Common	Yes	No	
161	Pieridae	*Catopsilia pyranthe pyranthe*	Mottled emigrant	Not Assessed	Not Assessed	No	Common	Yes	No	
162	Pieridae	*Catopsilia scylla cornelia*	Orange emigrant	Not Assessed	Not Assessed	No	Common	Yes	No	
163	Pieridae	*Delias hyparete metarete*	Painted jezebel	Not Assessed	Not Assessed	No	Common	Yes	Yes	
164	Pieridae	*Eurema andersonii andersonii*	Anderson's grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
165	Pieridae	*Eurema blanda snelleni*	Three spot grass yellow	Not Assessed	Not Assessed	No	Common	Yes	No	
166	Pieridae	*Eurema hecabe contubernalis*	Common grass yellow	Not Assessed	Not Assessed	No	Common	Yes	No	
167	Pieridae	*Eurema sari sodalis*	Chocolate grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
168	Pieridae	*Eurema simulatrix tecmessa*	Forest grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
	Pieridae	*Eurema sp.*	NA	NA	NA	NA	NA	NA	Yes	
169	Pieridae	*Leptosia nina malayana*	Psyche	Not Assessed	Not Assessed	No	Common	Yes	No	
170	Pieridae	*Pieris canidia canidia*	Cabbage white	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
171	Riodinidae	*Abisara savitri savitri*	Malay tailed judy	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	

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1	Gecarcinucidae	*Parathelphusa maculata*	Maculate freshwater crab	Least Concern	Not Assessed	No	Native	Yes	No
2	Palaemonidae	*Macrobrachium lanchesteri*	Riceland shrimp	Least Concern	Not Assessed	No	Non-native	Yes	No

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1	Anabantidae	*Anabas testudineus*	Oriental climbing perch	Least Concern	Not Assessed	No	Native	Yes	No
2	Aplocheilidae	*Aplocheilus armatus*	Whitespot	Least Concern	Not Assessed	No	Native	Yes	No
3	Channidae	*Channa striata*	Common snakehead/aruan	Least Concern	Not Assessed	No	Native	Yes	Yes
4	Clariidae	*Clarias* cf. *batrachus*	Common walking catfish	Not Assessed	Not Assessed	Yes	Native	Yes	Yes
5	Clariidae	*Clarias gariepinus*	Sharp-toothed walking catfish	Least Concern	Not Assessed	No	Non-native	Yes	Yes
6	Cyprinidae	*Barbodes rhombeus*	Indochinese spotted barb	Least Concern	Not Assessed	No	Non-native	Yes	Yes
7	Cyprinidae	*Brachydanio albolineata*	Pearl danio	Least Concern	Not Assessed	No	Non-native	Yes	Yes
8	Osphronemidae	*Betta pugnax*	Malayan forest betta	Least Concern	Not Assessed	No	Native	Yes	No
9	Osphronemidae	*Trichopsis vittata*	Croaking gouramy	Least Concern	Not Assessed	No	Native	Yes	No
10	Poeciliidae	*Gambusia affinis*	Mosquitofish	Least Concern	Not Assessed	No	Non-native	Yes	No
11	Poeciliidae	*Poecilia reticulata*	Guppy	Least Concern	Not Assessed	No	Non-native	Yes	Yes
12	Poeciliidae	*Poecilia sphenops*	Green molly	Least Concern	Not Assessed	No	Non-native	Yes	No
13	Synbranchidae	*Monopterus albus*	Sunda swamp-eel	Least Concern	Not Assessed	No	Native	Yes	No

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1	Bufonidae	*Duttaphrynus melanostictus*	Asian toad	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes
2	Dicroglossidae	*Fejervarya cancrivora*	Crab-eating frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No
3	Dicroglossidae	*Fejervarya limnocharis*	Field frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes
4	Dicroglossidae	*Limnonectes blythii*	Malayan giant frog	Near Threatened	Least Concern	No	Widespread and Common	Native	Yes	Yes
5	Dicroglossidae	*Limnonectes malesianus*	Malesian frog	Near Threatened	Near Threatened	No	Restricted but Common	Native	Yes	No
6	Dicroglossidae	*Occidozyga sumatrana*	Yellow-bellied puddle frog	Least Concern	Near Threatened	No	Restricted but Common	Native	Yes	No
7	Eleutherodactylidae	*Eleutherodactylus planirostris*	Greenhouse frog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes
8	Microhylidae	*Kaloula pulchra*	Banded bull frog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes
9	Microhylidae	*Microhyla butleri*	Painted chorus frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes
10	Microhylidae	*Microhyla mukhlesuri*	East Asian ornate chorus frog	Least Concern	Not Assessed	No	Restricted and Rare	Non-native	Yes	Yes
11	Microhylidae	*Microhyla heymonsi*	Dark-sided chorus frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes
12	Ranidae	*Chalcorana labialis*	Copper-cheeked frog	Least Concern	Least Concern	No	Restricted but Common	Native	Yes	No
13	Ranidae	*Hylarana erythraea*	Green paddy frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No
14	Ranidae	*Lithobates catesbeianus*	American bullfrog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No
15	Ranidae	*Pulchrana laterimaculata*	Masked rough-sided frog	Least Concern	Near Threatened	No	Restricted and Uncommon	Native	Yes	No
16	Rhacophoridae	*Polypedates leucomystax*	Four-lined tree frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes

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1	Agamidae	*Bronchocela cristatella*	Green crested lizard	Not Assessed	Least Concern	No	Widespread but Uncommon	Native	Yes	Yes	
2	Agamidae	*Calotes versicolor*	Changeable lizard	Not Assessed	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes	
3	Agamidae	*Draco sumatranus*	Sumatran flying dragon	Not Assessed	Least Concern	No	Widespread and Common	Native	Yes	Yes	
4	Colubridae	*Ahaetulla prasina*	Oriental whip snake	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No	
5	Colubridae	*Calamaria schlegeli*	Pink-headed reed snake	Least Concern	Near Threatened	No	Restricted and Rare	Native	Yes	No	Recorded in Teo & Rajathurai, 1997
6	Colubridae	*Chrysopelea paradisi*	Paradise gliding snake	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No	
7	Colubridae	*Coelognathus flavolineatus*	Common Malayan racer	Least Concern	Least Concern	No	Widespread but Rare	Native	Yes	No	
8	Colubridae	*Dendrelaphis caudolineatus*	Striped bronzeback	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No	
9	Colubridae	*Dendrelaphis kopsteini*	Red-necked bronzeback	Least Concern	Near Threatened	No	Widespread but Rare	Native	Yes	No	
10	Colubridae	*Dendrelaphis pictus*	Painted bronzeback	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes	
11	Colubridae	*Lycodon capucinus*	House wolf snake	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No	
12	Colubridae	*Oligodon octolineatus*	Striped kukri snake	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No	
13	Colubridae	*Ptyas korros*	Indochinese rat snake	Least Concern	Least Concern	No	Widespread but Uncommon	Native	Yes	No	
14	Colubridae	*Xenochrophis vittatus*	Striped keelback	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
15	Elapidae	*Calliophis intestinalis*	Malayan banded coral snake	Least Concern	Near Threatened	No	Widespread but Rare	Native	Yes	No	
16	Elapidae	*Naja sumatrana*	Equatorial spitting cobra	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
17	Emydidae	*Trachemys scripta*	Red-eared slider	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
18	Gekkonidae	*Gehyra mutilata*	Four-clawed gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No	
19	Gekkonidae	*Gekko monarchus*	Spotted house gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
20	Gekkonidae	*Hemidactylus frenatus*	Spiny-tailed house gecko	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No	
21	Gekkonidae	*Hemidactylus platyurus*	Flat-tailed gecko	Not Assessed	Least Concern	No	Widespread and Common	Native	Yes	No	
22	Gekkonidae	*Hemiphyllodactylus typus*	Lowland dwarf gecko	Least Concern	Near Threatened	No	Restricted and Rare	Native	Yes	No	
23	Gekkonidae	*Lepidodactylus lugubris*	Maritime gecko	Not Assessed	Not Assessed	No	Widespread but Rare	Native	Yes	No	
24	Geomydidae	*Cuora amboinensis*	Malayan box terrapin	Vulnerable; CITES protected (Appendix II)	Near Threatened	Yes	Restricted but Common	Native	Yes	No	
25	Geomydidae	*Siebenrockiella crassicollis*	Black marsh terrapin	Vulnerable	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
26	Homalopsidae	*Homalopsis buccata*	Puff-faced water snake	Least Concern	Vulnerable	Yes	Widespread but Uncommon	Native	Yes	No	
27	Pareidae	*Pareas margaritophorus*	White-spotted slug snake	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	

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28	Pythonidae	*Malayopython reticulatus*	Reticulated python	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
29	Scincidae	*Eutropis multifasciata*	Many-lined sun skink	Not Assessed	Least Concern	No	Widespread and Common	Native	Yes	Yes	
30	Scincidae	*Lygosoma bowringii*	Garden supple skink	Not Assessed	Least Concern	No	Widespread and Common	Native	Yes	No	
31	Typhlopidae	*Indotyphlops braminus*	Brahminy blind snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
32	Varanidae	*Varanus nebulosus*	Clouded monitor	Not Assessed	Least Concern	No	Restricted but Common	Native	Yes	Yes	Recorded from camera trap
33	Varanidae	*Varanus salvator*	Malayan water monitor	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes	
34	Viperidae	*Tropidolaemus wagleri*	Wagler's pit viper	Least Concern	Near Threatened	No	Restricted and Rare	Native	Yes	No	
35	Xenopeltidae	*Xenopeltis unicolor*	Iridescent earth snake	Least Concern	Least Concern	No	Widespread but Uncommon	Native	Yes	No	

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1	Acanthizidae	*Gerygone sulphurea*	Golden-bellied gerygone	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
2	Accipitridae	*Accipiter gularis*	Japanese sparrowhawk	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
3	Accipitridae	*Accipiter soloensis*	Chinese sparrowhawk	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
4	Accipitridae	*Accipiter trivirgatus*	Crested goshawk	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
5	Accipitridae	*Aviceda jerdoni*	Jerdon's baza	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
6	Accipitridae	*Aviceda leuphotes*	Black baza	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
7	Accipitridae	*Buteo buteo*	Common buzzard	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
8	Accipitridae	*Haliaeetus leucogaster*	White-bellied sea eagle	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
9	Accipitridae	*Haliastur indus*	Brahminy kite	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
10	Accipitridae	*Nisaetus cirrhatus*	Changeable hawk-eagle	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	
11	Accipitridae	*Pernis ptilorhynchus*	Crested honey-buzzard	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
12	Accipitridae	*Spilornis cheela*	Crested serpent eagle	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not prover	Yes	No	
13	Aegithinidae	*Aegithina tiphia*	Common iora	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
14	Alcedinidae	*Alcedo atthis*	Common kingfisher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
15	Alcedinidae	*Alcedo meninting*	Blue-eared kingfisher	Least Concern	Critically Endangered	Yes	Rare	Resident breeder	Yes	No	
16	Alcedinidae	*Ceyx erithaca*	Oriental dwarf kingfisher	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
17	Alcedinidae	*Halcyon coromanda*	Ruddy kingfisher	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
18	Alcedinidae	*Halcyon smyrnensis*	White-throated kingfisher	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
19	Alcedinidae	*Pelargopsis capensis*	Stork-billed kingfisher	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
20	Alcedinidae	*Todiramphus chloris*	Collared kingfisher	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	No	
21	Apodidae	*Aerodramus fuciphagus*	Edible-nest swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
22	Apodidae	*Aerodramus maximus*	Black-nest swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
	Apodidae	*Aerodramus sp.*	NA	NA	NA	NA	NA	NA	NA	Yes	
23	Apodidae	*Apus nipalensis*	House swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
24	Apodidae	*Apus pacificus*	Pacific swift	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
25	Apodidae	*Collocalia affinis*	Plume-toed swiftlet	Not Assessed	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
26	Apodidae	*Cypsiurus balasiensis*	Asian palm swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
27	Apodidae	*Hirundapus caudacutus*	White-throated needletail	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
28	Apodidae	*Hirundapus cochinchinensis*	Silver-backed needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
29	Apodidae	*Hirundapus giganteus*	Brown-backed needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
30	Ardeidae	*Bubulcus coromandus*	Eastern cattle egret	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
31	Ardeidae	*Gorsachius melanolophus*	Malayan night heron	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No	
32	Bucerotidae	*Anthracoceros albirostris*	Oriental pied hornbill	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
33	Cacatuidae	*Cacatua goffiniana*	Tanimbar corella	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes	Yes	

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34	Cacatuidae	*Cacatua sulphurea*	Yellow-crested cockatoo	Critically Endangered	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	No	
35	Campephagidae	*Lalage nigra*	Pied triller	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
36	Campephagidae	*Pericrocotus divaricatus*	Ashy minivet	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
37	Caprimulgidae	*Caprimulgus affinis*	Savanna nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
38	Caprimulgidae	*Caprimulgus jotaka*	Jungle nightjar	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
39	Caprimulgidae	*Caprimulgus macrurus*	Large-tailed nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
40	Chloropseidae	*Chloropsis moluccensis*	Blue-winged leafbird	Least Concern	Not Assessed	No	Common	Resident, breeding not prover	Yes	No	
41	Chloropseidae	*Chloropsis sonnerati*	Greater green leafbird	Endangered	Critically Endangered	Yes	Uncommon	Resident, breeding not prover	Yes	No	
42	Cisticolidae	*Orthotomus atrogularis*	Dark-necked tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
43	Cisticolidae	*Orthotomus ruficeps*	Ashy tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
44	Cisticolidae	*Orthotomus sericeus*	Rufous-tailed tailorbird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
45	Cisticolidae	*Orthotomus sutorius*	Common tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
46	Cisticolidae	*Prinia flaviventris*	Yellow-bellied prinia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
47	Columbidae	*Chalcophaps indica*	Common emerald dove	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
48	Columbidae	*Columba livia*	Rock dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	No	
49	Columbidae	*Ducula bicolor*	Pied imperial pigeon	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
50	Columbidae	*Geopelia striata*	Zebra dove	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
51	Columbidae	*Ptilinopus jambu*	Jambu fruit dove	Near Threatened	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No	
52	Columbidae	*Spilopelia chinensis*	Spotted dove	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	Yes	
53	Columbidae	*Treron curvirostra*	Thick-billed green pigeon	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	
54	Columbidae	*Treron vernans*	Pink-necked green pigeon	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	Yes	
55	Coraciidae	*Eurystomus orientalis*	Oriental dollarbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
56	Corvidae	*Corvus macrorhynchos*	Large-billed crow	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
57	Corvidae	*Corvus splendens*	House crow	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes	No	
58	Cuculidae	*Cacomantis merulinus*	Plaintive cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
59	Cuculidae	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder	Yes	No	
60	Cuculidae	*Cacomantis sonneratii*	Banded bay cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
61	Cuculidae	*Centropus bengalensis*	Lesser coucal	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
62	Cuculidae	*Centropus sinensis*	Greater coucal	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
63	Cuculidae	*Chrysococcyx minutillus*	Little bronze-cuckoo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
64	Cuculidae	*Chrysococcyx xanthorhynchus*	Violet cuckoo	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	
65	Cuculidae	*Clamator coromandus*	Chestnut-winged cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
66	Cuculidae	*Cuculus micropterus*	Indian cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
67	Cuculidae	*Eudynamys scolopaceus*	Asian koel	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
68	Cuculidae	*Hierococcyx nisicolor*	Hodgson's hawk cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	

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69	Cuculidae	*Phaenicophaeus sumatranus*	Chestnut-bellied malkoha	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
70	Cuculidae	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
71	Dicaeidae	*Dicaeum cruentatum*	Scarlet-backed flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
72	Dicaeidae	*Dicaeum trigonostigma*	Orange-bellied flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
73	Dicruridae	*Dicrurus annectans*	Crow-billed drongo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
74	Dicruridae	*Dicrurus paradiseus*	Greater racket-tailed drongo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
75	Estrildidae	*Lonchura punctulata*	Scaly-breasted munia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
76	Hemiprocnidae	*Hemiprocne longipennis*	Grey-rumped treeswift	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
77	Hirundinidae	*Cecropis daurica*	Red-rumped swallow	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
78	Hirundinidae	*Hirundo rustica*	Barn swallow	Least Concern	Not Assessed	No	Abundant	Winter visitor	Yes	No	
79	Hirundinidae	*Hirundo tahitica*	Pacific swallow	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
80	Irenidae	*Irena puella*	Asian fairy-bluebird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
81	Laniidae	*Lanius cristatus*	Brown shrike	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
82	Laniidae	*Lanius tigrinus*	Tiger shrike	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	Yes	
83	Leiothrichidae	*Garrulax leucolophus*	White-crested laughingthrush	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes	Yes	
84	Megalaimidae	*Psilopogon haemacephalus*	Coppersmith barbet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
85	Megalaimidae	*Psilopogon lineatus*	Lineated barbet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	
86	Megalaimidae	*Psilopogon rafflesii*	Red-crowned barbet	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
87	Meropidae	*Merops philippinus*	Blue-tailed bee-eater	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
88	Meropidae	*Merops viridis*	Blue-throated bee-eater	Least Concern	Not Assessed	No	Common	Migrant breeder	Yes	Yes	
89	Monarchidae	*Terpsiphone affinis*	Blyth's paradise flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
90	Monarchidae	*Terpsiphone atrocaudata*	Japanese paradise flycatcher	Near Threatened	Not Assessed	No	Rare	Passage migrant	Yes	No	
91	Monarchidae	*Terpsiphone incei*	Amur paradise flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
92	Motacillidae	*Anthus rufulus*	Paddyfield pipit	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
93	Motacillidae	*Dendronanthus indicus*	Forest wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	Yes	
94	Motacillidae	*Motacilla cinerea*	Grey wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
95	Muscicapidae	*Copsychus malabaricus*	White-rumped shama	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
96	Muscicapidae	*Copsychus saularis*	Oriental magpie-robin	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	
97	Muscicapidae	*Cyanoptila cumatilis*	Zappey's flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
98	Muscicapidae	*Cyanoptila cyanomelana*	Blue-and-white flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
99	Muscicapidae	*Cyornis brunneatus*	Brown-chested jungle flycatcher	Vulnerable	Not Assessed	Yes	Uncommon	Winter visitor	Yes	No	
100	Muscicapidae	*Ficedula elisae*	Green-backed flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No	

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101	Muscicapidae	*Ficedula mugimaki*	Mugimaki flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No	
102	Muscicapidae	*Ficedula zanthopygia*	Yellow-rumped flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	Yes	
103	Muscicapidae	*Larvivora cyane*	Siberian blue robin	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
104	Muscicapidae	*Muscicapa dauurica*	Asian brown flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	Yes	
105	Muscicapidae	*Muscicapa ferruginea*	Ferruginous flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
106	Muscicapidae	*Muscicapa sibirica*	Dark-sided flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
107	Muscicapidae	*Muscicapa williamsoni*	Brown-streaked flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No	
108	Nectariniidae	*Aethopyga siparaja*	Crimson sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
109	Nectariniidae	*Anthreptes malacensis*	Brown-throated sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
110	Nectariniidae	*Arachnothera longirostra*	Little spiderhunter	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
111	Nectariniidae	*Cinnyris jugularis*	Olive-backed sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
112	Nectariniidae	*Leptocoma brasiliana*	Van Hasselt's sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
113	Oriolidae	*Oriolus chinensis*	Black-naped oriole	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
114	Pandionidae	*Pandion haliaetus*	Western osprey	Least Concern	Not Assessed	No	Common	Non-breeding visitor	Yes	No	
115	Passeridae	*Passer montanus*	Eurasian tree sparrow	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
116	Pellorneidae	*Malacocincla abbotti*	Abbott's babbler	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
117	Phasianidae	*Gallus gallus*	Red junglefowl	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	Also recorded from camera trap
118	Phasianidae	*Gallus gallus (domestic)*	Domestic chicken	Not Assessed	Not Assessed	No	NA	Introduced	Yes	Yes	Recorded from camera trap
119	Phylloscopidae	*Phylloscopus borealis*	Arctic warbler	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	Yes	
120	Phylloscopidae	*Phylloscopus borealoides*	Sakhalin leaf warbler	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
121	Phylloscopidae	*Phylloscopus coronatus*	Eastern crowned warbler	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	Yes	
122	Phylloscopidae	*Phylloscopus inornatus*	Yellow-browed warbler	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No	
123	Picidae	*Chrysophlegma miniaceum*	Banded woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
124	Picidae	*Dinopium javanense*	Common flameback	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
125	Picidae	*Micropternus brachyurus*	Rufous woodpecker	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
126	Picidae	*Picus vittatus*	Laced woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
127	Picidae	*Yungipicus moluccensis*	Sunda pygmy woodpecker	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	No	
128	Pittidae	*Pitta moluccensis*	Blue-winged pitta	Least Concern	Not Assessed	No	Uncommon	Migrant breeder	Yes	No	
129	Pittidae	*Pitta sordida*	Hooded pitta	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
130	Psittaculidae	*Eos bornea*	Red lory	Least Concern	Not Assessed	No	NA	Introduced	No	Yes	
131	Psittaculidae	*Loriculus galgulus*	Blue-crowned hanging-parrot	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
132	Psittaculidae	*Psittacula alexandri*	Red-breasted parakeet	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes	Yes	
133	Psittaculidae	*Psittacula krameri*	Rose-ringed parakeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	

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134	Psittaculidae	*Psittacula longicauda*	Long-tailed parakeet	Vulnerable	Not Assessed	Yes	Common	Resident breeder	Yes	Yes	
135	Psittaculidae	*Psittinus cyanurus*	Blue-rumped parrot	Near Threatened	Critically Endangered	Yes	Uncommon	Resident, breeding not prover	Yes	No	
136	Psittaculidae	*Trichoglossus haematodus*	Coconut lorikeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	
137	Pycnonotidae	*Hemixos cinereus*	Cinereous bulbul	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No	
138	Pycnonotidae	*Pycnonotus brunneus*	Asian red-eyed bulbul	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	
139	Pycnonotidae	*Pycnonotus goiavier*	Yellow-vented bulbul	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	Yes	
140	Pycnonotidae	*Pycnonotus jocosus*	Red-whiskered bulbul	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	
141	Pycnonotidae	*Pycnonotus plumosus*	Olive-winged bulbul	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
142	Pycnonotidae	*Pycnonotus zeylanicus*	Straw-headed bulbul	Critically Endangered	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
143	Rallidae	*Amaurornis phoenicurus*	White-breasted waterhen	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
144	Rallidae	*Lewinia striata*	Slaty-breasted rail	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
145	Rallidae	*Rallina fasciata*	Red-legged crake	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder	Yes	Yes	
146	Rhipiduridae	*Rhipidura javanica*	Malaysian pied fantail	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
147	Strigidae	*Bubo sumatranus*	Barred eagle-owl	Least Concern	Not Assessed	No	Rare	Resident breeder	Yes	No	
148	Strigidae	*Ketupa ketupu*	Buffy fish owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
149	Strigidae	*Ninox scutulata*	Brown hawk-owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
150	Strigidae	*Otus lempiji*	Sunda scops owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
151	Strigidae	*Otus sunia*	Oriental scops owl	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No	
152	Strigidae	*Strix seloputo*	Spotted wood owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
153	Sturnidae	*Acridotheres javanicus*	Javan myna	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	
154	Sturnidae	*Acridotheres tristis*	Common myna	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
155	Sturnidae	*Agropsar sturninus*	Daurian starling	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
156	Sturnidae	*Aplonis panayensis*	Asian glossy starling	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
157	Sturnidae	*Gracula religiosa*	Common hill myna	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
158	Timaliidae	*Mixornis gularis*	Pin-striped tit-babbler	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
159	Turdidae	*Geokichla citrina*	Orange-headed thrush	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
160	Turdidae	*Geokichla sibirica*	Siberian thrush	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
161	Turdidae	*Turdus obscurus*	Eyebrowed thrush	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No	
162	Tytonidae	*Tyto javanica*	Eastern barn owl	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
163	Zosteropidae	*Zosterops simplex*	Swinhoe's white-eye	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
1	Canidae	*Canis lupus familiaris*	Feral dog	Not Assessed	Not Assessed	No	NA	Non-native	Yes	No	
2	Cercopithecidae	*Macaca fascicularis*	Long-tailed macaque	Vulnerable	Least Concern	Yes	Widespread and Common	Native	Yes	Yes	Also recorded from camera trap
3	Cynocephalidae	*Galeopterus variegatus*	Sunda colugo	Least Concern	Near Threatened	Yes	Restricted but Common	Native	Yes	Yes	
4	Felidae	*Felis catus*	Feral cat	Not Assessed	Not Assessed	No	NA	Non-native	Yes	No	
5	Lorisidae	*Nycticebus coucang*	Sunda slow loris	Endangered	Endangered	Yes	Restricted and Rare	Native	Yes	No	
6	Manidae	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Yes	Widespread but Rare	Native	Yes	Yes	Recorded from camera trap
7	Muridae	*Mus musculus*	House mouse	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
8	Muridae	*Sundamys annandalei*	Annandale's rat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No	
9	Muridae	*Rattus exulans*	Pacific rat	Least Concern	Least Concern	No	Widespread but Uncommon	Native	Yes	No	
	Muridae	*Rattus sp.*	NA	NA	NA	NA	NA	NA	NA	Yes	Recorded from camera trap
10	Muridae	*Rattus norvegicus*	Brown rat	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
11	Muridae	*Rattus tanezumi*	Asian house rat	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No	
12	Muridae	*Rattus tiomanicus*	Malaysian wood rat	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	No	
13	Sciuridae	*Iomys horsfieldii*	Horsfield's flying squirrel	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
14	Sciuridae	*Callosciurus notatus*	Plantain squirrel	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Also recorded from camera trap
15	Sciuridae	*Sundasciurus tenuis*	Slender squirrel	Least Concern	Least Concern	No	Restricted but Common	Native	Yes	Yes	
16	Soricidae	*Suncus murinus*	House shrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
17	Suidae	*Sus scrofa*	Eurasian wild boar	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes	Recorded from camera trap
18	Tragulidae	*Tragulus kanchil*	Lesser mousedeer	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
19	Tupaiidae	*Tupaia glis*	Common treeshrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded from camera trap
20	Viverridae	*Paradoxurus musangus*	Sumatran palm civet	Least Concern	Least Concern	No	Widespread but Uncommon	Native	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of onservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
1	Emballonuridae	*Saccolaimus saccolaimus*	Pouch tomb bat	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes	Recorded via acoustic sampling
2	Emballonuridae	*Taphozous melanopogon*	Black-bearded tomb bat	Least Concern	Least Concern	No	Widespread but Rare	Native	Yes	Yes	Recorded via acoustic sampling
3	Pteropodidae	*Cynopterus brachyotis*	Lesser short-nosed fruit bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
4	Pteropodidae	*Eonycteris spelaea*	Cave nectar bat	Least Concern	Vulnerable	Yes	Widespread but Uncommon	Native	Yes	No	
5	Rhinolophidae	*Rhinolophus refulgens*	Glossy horseshoe bat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes	Recorded via acoustic sampling
6	Vespertilionidae	*Myotis muricola*	Asian whiskered myotis	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes	Recorded via acoustic sampling
7	Vespertilionidae	*Myotis horsfieldii*	Horsfield's myotis	Least Concern	Least Concern	No	NA	Native	No	Yes	Recorded via acoustic sampling
8	Vespertilionidae	*Pipistrellus javanicus*	Javan pipistrelle	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	
9	Vespertilionidae	*Scotophilus kuhlii*	Lesser Asian house bat	Least Concern	Least Concern	No	Widespread and Common	Native	Yes	Yes	Recorded via acoustic sampling
10	Vespertilionidae	*Tylonycteris fulvida*	Lesser bamboo bat	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No	
11	Vespertilionidae	*Tylonycteris malayana*	Greater bamboo bat	Least Concern	Vulnerable	Yes	Widespread and Common	Native	Yes	No	
	Vespertilionidae	*Tylonycteris* sp.	Bamboo bat	NA	NA	Yes	NA	NA	NA	Yes	Also recorded via acoustic sampling

Appendix H3

List of Probable Recorded Fauna Species in Windsor

Faunal group	Total no. of probable species		Total no. of recorded species		Total no. of recorded species not on probable list (CS species)
	All species	CS species	All species	CS species	
Aculeate hymenopterans	86	1	20	0	0
Bees	42	1	8	0	0
Stinging wasps	44	0	12	0	0
Odonates	82	25	33	5	0
Dragonflies	56	11	23	1	0
Damselflies	26	14	10	4	0
Butterflies	308	55	52	2	1 (0)
Freshwater decapod crustaceans	5	2	1	1	0
Freshwater fish	45	0	15	2	0
Herpetofauna	99	50	30	8	0
Amphibians	24	5	14	2	0
Reptiles	75	45	16	6	0
Birds	209	40	60	9	0
Mammals	40	13	19	7	0
Non-volant Mammals	24	7	14	6	0
Bats	16	6	5	1	0
Total	**874**	**186**	**230**	**34**	**1 (0)**

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Ascher et al. (in prep); JXQ Lee, pers comm)	Species of conservation significance	Native status (The Biodiversity of Singapore, 2020; JXQ Lee, pers comm)	Probable species	Recorded species
1	Bee	Apidae	*Amegilla andrewsi*	Andrew's blue-banded digger bee	Not Assessed	Least Concern	No	Native	Yes	No
2	Bee	Apidae	*Amegilla insularis*	N.A	Not Assessed	Vulnerable	Yes	Native	Yes	No
3	Bee	Apidae	*Apis andreniformis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
4	Bee	Apidae	*Apis cerana*	Eastern honey bee	Not Assessed	Least Concern	No	Native	Yes	Yes
5	Bee	Apidae	*Apis dorsata*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
6	Bee	Apidae	*Braunsapis clarihirta*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
7	Bee	Apidae	*Braunsapis cupulifera**	N.A	Not Assessed	Least Concern	No	Native	Yes	No
8	Bee	Apidae	*Braunsapis hewitti**	N.A	Not Assessed	Least Concern	No	Native	Yes	No
9	Bee	Apidae	*Braunsapis puangensis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
10	Bee	Apidae	*Ceratina collusor*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
11	Bee	Apidae	*Ceratina lieftincki*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
12	Bee	Apidae	*Ceratina negrolateralis*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
13	Bee	Apidae	*Ceratina dentipes*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
14	Bee	Apidae	*Ceratina smaragdula*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
15	Bee	Apidae	*Ceratina unimaculata*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
16	Bee	Apidae	*Heterotrigona itama*	Malaysian stingless bee	Not Assessed	Least Concern	No	Native	Yes	Yes
17	Bee	Apidae	*Tetragonula valdezi*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
18	Bee	Apidae	*Thyreus ceylonicus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
19	Bee	Apidae	*Thyreus himalayensis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
20	Bee	Apidae	*Xylocopa aestuans*	White-cheeked carpenter bee	Not Assessed	Least Concern	No	Native	Yes	No
21	Bee	Apidae	*Xylocopa caerulea*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
22	Bee	Apidae	*Xylocopa flavonigrescens*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
23	Bee	Apidae	*Xylocopa latipes*	Broad-handed carpenter bee	Not Assessed	Least Concern	No	Native	Yes	Yes
24	Bee	Apidae	*Xylocopa myops*	N.A	Not Assessed	Data Deficient	No	Native	Yes	No
25	Bee	Colletidae	*Hylaeus penangensis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
26	Bee	Halictidae	*Lasioglossum deliense*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
27	Bee	Halictidae	*Lasioglossum vagans*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
28	Bee	Halictidae	*Lasioglossum adonidiae*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
	Bee	Halictidae	*Lasioglossum* sp.	N.A	N.A	N.A	N.A	N.A	N.A	Yes
29	Bee	Halictidae	*Lipotriches ceratina*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
30	Bee	Halictidae	*Nomia iridiscens*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
31	Bee	Halictidae	*Nomia strigata*	Pearly-banded bee	Not Assessed	Least Concern	No	Native	Yes	Yes
32	Bee	Halictidae	*Nomia incerta*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
33	Bee	Halictidae	*Patellapis murbanus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
34	Bee	Halictidae	*Pseudapis siamensis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
35	Bee	Megachilidae	*Coelioxys confusus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
36	Bee	Megachilidae	*Euaspis polynesia*	N.A	Not Assessed	Least Concern	No	Native	Yes	No

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Ascher et al. (in prep); JXQ Lee, pers comm)	Species of conservation significance	Native status (The Biodiversity of Singapore, 2020; JXQ Lee, pers comm)	Probable species	Recorded species
37	Bee	Megachilidae	*Megachile conjuncta*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
38	Bee	Megachilidae	*Megachile laticeps*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
39	Bee	Megachilidae	*Megachile disjuncta*	N.A	Not Assessed	Not Assessed	No	Non-native	Yes	No
40	Bee	Megachilidae	*Megachile fulvipennis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
41	Bee	Megachilidae	*Megachile umbripennis*	N.A	Not Assessed	Not Assessed	No	Non-native	Yes	No
42	Bee	Megachilidae	*Megachile subrixator*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
43	Stinging Wasp	Crabronidae	*Liris subtessellatus*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
44	Stinging Wasp	Crabronidae	*Tachytes sp.*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
45	Stinging Wasp	Crabronidae	*Trypoxylon sp.*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
46	Stinging Wasp	Pompilidae	*Auplopus sp.*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
47	Stinging Wasp	Pompilidae	*Paragenia argentifrons*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
48	Stinging Wasp	Pompilidae	*Tachypompilus analis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
49	Stinging Wasp	Scoliidae	*Campsomeriella collaris*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
50	Stinging Wasp	Scoliidae	*Phalerimeris phalerata*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
51	Stinging Wasp	Sphecidae	*Chalybion bengalense*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
52	Stinging Wasp	Sphecidae	*Isodontia diodon*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
53	Stinging Wasp	Sphecidae	*Sceliphron javanum*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
54	Stinging Wasp	Sphecidae	*Sceliphron madraspatanum*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
55	Stinging Wasp	Sphecidae	*Sphex diabolicus*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
56	Stinging Wasp	Sphecidae	*Sphex sericeus*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
57	Stinging Wasp	Sphecidae	*Sphex subtruncatus*	N.A	Not Assessed	Near-threatened	No	Native	Yes	Yes
58	Stinging Wasp	Vespidae	*Antepipona sp. nr. bipustulata*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
59	Stinging Wasp	Vespidae	*Allorhynchium argentatum*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
60	Stinging Wasp	Vespidae	*Delta campaniforme*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
61	Stinging Wasp	Vespidae	*Delta esuriens*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
62	Stinging Wasp	Vespidae	*Delta pyriforme*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
63	Stinging Wasp	Vespidae	*Elimus sp.*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
64	Stinging Wasp	Vespidae	*Eumenes sp.*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
65	Stinging Wasp	Vespidae	*Eustenogaster hauxwelli*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No
66	Stinging Wasp	Vespidae	*Eustenogaster micans*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No
67	Stinging Wasp	Vespidae	*Liostenogaster nitidipennis*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No
68	Stinging Wasp	Vespidae	*Liostenogaster varipicta*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No
69	Stinging Wasp	Vespidae	*Parapolybia varia*	Lesser paper wasp	Not Assessed	Near-threatened	No	Native	Yes	No
70	Stinging Wasp	Vespidae	*Parischnogaster mellyi*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Ascher et al. (in prep); JXQ Lee, pers comm)	Species of conservation significance	Native status (The Biodiversity of Singapore, 2020; JXQ Lee, pers comm)	Probable species	Recorded species
71	Stinging Wasp	Vespidae	*Parischnogaster nigricans*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
72	Stinging Wasp	Vespidae	*Phimenes flavopictus*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
73	Stinging Wasp	Vespidae	*Polistes meadeanus*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No
74	Stinging Wasp	Vespidae	*Polistes sagittarius*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
75	Stinging Wasp	Vespidae	*Polistes tenebris*	N.A	Not Assessed	Data Deficient	No	Native	Yes	No
76	Stinging Wasp	Vespidae	*Provespa anomala*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
77	Stinging Wasp	Vespidae	*Rhynchium haemorrhoidale*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
78	Stinging Wasp	Vespidae	*Ropalidia erythrospila*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
79	Stinging Wasp	Vespidae	*Ropalidia stigma*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
80	Stinging Wasp	Vespidae	*Ropalidia sumatrae*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
81	Stinging Wasp	Vespidae	*Ropalidia timida*	N.A	Not Assessed	Near-threatened	No	Native	Yes	No
82	Stinging Wasp	Vespidae	*Stenodyneriellus guttulatus*	N.A	Not Assessed	Least Concern	No	Native	Yes	Yes
83	Stinging Wasp	Vespidae	*Subancistrocerus sichelii*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
84	Stinging Wasp	Vespidae	*Vespa affinis*	Lesser banded hornet	Not Assessed	Least Concern	No	Native	Yes	No
85	Stinging Wasp	Vespidae	*Vespa analis*	N.A	Not Assessed	Least Concern	No	Native	Yes	No
86	Stinging Wasp	Vespidae	*Vespa tropica*	Greater banded hornet	Not Assessed	Least Concern	No	Native	Yes	No

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Soh et al., 2019)	Species of conservation significance	Distribution/Rarity (Soh et al. 2019)	Probable species	Recorded species	Remarks
1	Dragonfly	Aeshnidae	*Anax guttatus*	Emperor	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
2	Dragonfly	Aeshnidae	*Gynacantha dohrni*	Spear-tail duskhawker	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	Yes	
3	Dragonfly	Aeshnidae	*Gynacantha subinterrupta*	Dingy duskhawker	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
	Dragonfly	Aeshnidae	*Gynacantha sp.*	Duskhawker	N.A	N.A	N.A	N.A	N.A	No	Recorded in past studies (ESC, 2020; ERM, 2016)
4	Dragonfly	Aeshnidae	*Heliaeschna uninervulata*	Lesser nighthawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No	
5	Dragonfly	Aeshnidae	*Tetracanthagyna plagiata*	Giant hawker	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Yes	No	
6	Damselfly	Argiolestidae	*Podolestes orientalis*	Blue-spotted flatwing	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Yes	Yes	
7	Damselfly	Calopterygidae	*Vestalis amethystina*	Common flashwing	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
8	Damselfly	Chlorocyphidae	*Libellago aurantiaca*	Fiery gem	Least Concern	Critically Endangered	Yes	Restricted but Common	Yes	No	
9	Damselfly	Chlorocyphidae	*Libellago lineata*	Golden gem	Least Concern	Vulnerable	Yes	Restricted but Common	Yes	No	
10	Damselfly	Coenagrionidae	*Aciagrion hisopa*	Blue slim	Least Concern	Endangered	Yes	Restricted and Very Rare	Yes	No	
11	Damselfly	Coenagrionidae	*Agriocnemis femina*	Variable wisp	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
12	Damselfly	Coenagrionidae	*Agriocnemis nana*	Dwarf wisp	Least Concern	Endangered	Yes	Restricted and Very Rare	Yes	No	
13	Damselfly	Coenagrionidae	*Agriocnemis rubescens*	Variable sprite	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
14	Damselfly	Coenagrionidae	*Archibasis rebeccae*	Rebecca's sprite	Near Threatened	Critically Endangered	Yes	Restricted and Very Rare	Yes	No	
15	Damselfly	Coenagrionidae	*Archibasis viola*	Violet sprite	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
16	Damselfly	Coenagrionidae	*Ceriagrion cerinorubellum*	Ornate coraltail	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	

S/N	Type	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Soh et al., 2019)	Species of conservation significance	Distribution/Rarity (Soh et al. 2019)	Probable species	Recorded species	Remarks
17	Damselfly	Coenagrionidae	*Ceriagrion chaoi*	Fiery coraltail	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
18	Damselfly	Coenagrionidae	*Ischnura senegalensis*	Common bluetail	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
19	Damselfly	Coenagrionidae	*Pericnemis stictica*	Dryad	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	Yes	
20	Damselfly	Coenagrionidae	*Pseudagrion australasiae*	Look-alike sprite	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
21	Damselfly	Coenagrionidae	*Pseudagrion microcephalum*	Blue sprite	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
22	Damselfly	Coenagrionidae	*Pseudagrion pruinosum*	Grey sprite	Least Concern	Vulnerable	Yes	Restricted but Common	Yes	No	
23	Dragonfly	Corduliidae	*Hemicordulia tenera*	Emerald	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No	
24	Damselfly	Devadattidae	*Devadatta argyoides*	Malayan grisette	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes	Yes	
25	Dragonfly	Gomphidae	*Heliogomphus kelantanensis*	Malayan grappletail	Near Threatened	Critically Endangered	Yes	Restricted and Rare	Yes	No	
26	Dragonfly	Gomphidae	*Ictinogomphus decoratus*	Common flangetail	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
27	Dragonfly	Gomphidae	*Macrogomphus quadratus*	Forktail	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Yes	No	
28	Dragonfly	Gomphidae	*Microgomphus chelifer*	Tiny sheartail	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	Yes	
29	Dragonfly	Libellulidae	*Acisoma panorpoides*	Trumpet tail	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
30	Dragonfly	Libellulidae	*Aethriamanta aethra*	Blue adjudant	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
31	Dragonfly	Libellulidae	*Aethriamanta brevipennis*	Scarlet adjudant	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
32	Dragonfly	Libellulidae	*Aethriamanta gracilis*	Pond adjudant	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
33	Dragonfly	Libellulidae	*Agrionoptera insignis*	Grenadier	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	

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34	Dragonfly	Libellulidae	*Agrionoptera sexlineata*	Handsome grenadier	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	No	
35	Dragonfly	Libellulidae	*Brachydiplax chalybea*	Blue dasher	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
36	Dragonfly	Libellulidae	*Brachythemis contaminata*	Common amberwing	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
37	Dragonfly	Libellulidae	*Camacinia gigantea*	Sultan	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
38	Dragonfly	Libellulidae	*Chalybiothemis fluviatilis*	Green-eyed percher	Not Assessed	Endangered	Yes	Restricted but Common	Yes	No	
39	Dragonfly	Libellulidae	*Cratilla lineata*	Lined forest skimmer	Least Concern	Near Threatened	No	Widespread but Rare	Yes	No	
40	Dragonfly	Libellulidae	*Cratilla metallica*	Dark-tipped forest skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
41	Dragonfly	Libellulidae	*Crocothemis servilia*	Common scarlet	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
42	Dragonfly	Libellulidae	*Diplacodes nebulosa*	Black-tipped percher	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
43	Dragonfly	Libellulidae	*Diplacodes trivialis*	Blue percher	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
44	Dragonfly	Libellulidae	*Hydrobasileus croceus*	Water monarch	Least Concern	Least Concern	No	Widespread and Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
45	Dragonfly	Libellulidae	*Lathrecista asiatica*	Scarlet grenadier	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
46	Dragonfly	Libellulidae	*Lyriothemis cleis*	Bombardier	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No	
47	Dragonfly	Libellulidae	*Macrodiplax cora*	Coastal glider	Least Concern	Least Concern	No	Widespread and Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
48	Dragonfly	Libellulidae	*Nannophya pygmaea*	Scarlet pygmy	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
49	Dragonfly	Libellulidae	*Nesoxenia lineata*	Striped grenadier	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
50	Dragonfly	Libellulidae	*Neurothemis fluctuans*	Common parasol	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	

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51	Dragonfly	Libellulidae	*Onychothemis testacea*	Riverhawk	Least Concern	Endangered	Yes	Restricted and Very Rare	Yes	No	
52	Dragonfly	Libellulidae	*Orchithemis pulcherrima*	Variable sentinel	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
53	Dragonfly	Libellulidae	*Orthetrum chrysis*	Spine-tufted skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
54	Dragonfly	Libellulidae	*Orthetrum glaucum*	Common blue skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
55	Dragonfly	Libellulidae	*Orthetrum luzonicum*	Slender blue skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
56	Dragonfly	Libellulidae	*Orthetrum sabina*	Variegated green skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
57	Dragonfly	Libellulidae	*Orthetrum testaceum*	Scarlet skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
58	Dragonfly	Libellulidae	*Pantala flavescens*	Wandering glider	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
59	Dragonfly	Libellulidae	*Potamarcha congener*	Common chaser	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
60	Dragonfly	Libellulidae	*Pseudothemis jorina*	Banded skimmer	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
61	Dragonfly	Libellulidae	*Rhodothemis rufa*	Common redbolt	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
62	Dragonfly	Libellulidae	*Rhyothemis phyllis*	Yellow-barred flutterer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
63	Dragonfly	Libellulidae	*Rhyothemis triangularis*	Sapphire flutterer	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No	
64	Dragonfly	Libellulidae	*Risiophlebia dohrni*	Potbellied elf	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No	
65	Dragonfly	Libellulidae	*Tholymis tillarga*	White-barred duskhawk	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
66	Dragonfly	Libellulidae	*Tramea transmarina*	Saddlebag glider	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
67	Dragonfly	Libellulidae	*Trithemis aurora*	Crimson dropwing	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	

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68	Dragonfly	Libellulidae	*Trithemis festiva*	Indigo dropwing	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
69	Dragonfly	Libellulidae	*Tyriobapta torrida*	Treehugger	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes	
70	Dragonfly	Libellulidae	*Urothemis signata*	Scarlet basker	Not Assessed	Least Concern	No	Widespread and Common	Yes	No	
71	Dragonfly	Libellulidae	*Zyxomma petiolatum*	Slender duskdarter	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
72	Dragonfly	Macromiidae	*Epophthalmia vittigera*	Pond cruiser	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
73	Dragonfly	Macromiidae	*Macromia cydippe*	Lesser stream cruiser	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No	
74	Damselfly	Platycnemididae	*Coeliccia octogesima*	Telephone sylvan	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	Yes	
75	Damselfly	Platycnemididae	*Copera marginipes*	Yellow featherlegs	Least Concern	Least Concern	No	Widespread and Common	Yes	No	
76	Damselfly	Platycnemididae	*Onychargia atrocyana*	Shorttail	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	Yes	
77	Damselfly	Platycnemididae	*Prodasineura collaris*	Collared threadtail	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes	No	
78	Damselfly	Platycnemididae	*Prodasineura humeralis*	Orange-striped threadtail	Not Assessed	Least Concern	No	Widespread and Common	Yes	Yes	
79	Damselfly	Platycnemididae	*Prodasineura interrupta*	Interrupted threadtail	Not Assessed	Critically Endangered	Yes	Restricted and Uncommon	Yes	No	
80	Damselfly	Platycnemididae	*Prodasineura notostigma*	Crescent threadtail	Not Assessed	Least Concern	No	Widespread and Common	Yes	No	
81	Damselfly	Platystictidae	*Drepanosticta quadrata*	Singapore shadowdamsel	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No	
82	Dragonfly	Synthemistidae	*Idionyx yolanda*	Shadowdancer	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	Yes	

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1	Hesperiidae	*Ampittia dioscorides camertes*	Bush hopper	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
2	Hesperiidae	*Ancistroides nigrita maura*	Chocolate demon	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
3	Hesperiidae	*Astictopterus jama jama*	Forest hopper	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
4	Hesperiidae	*Badamia exclamationis*	Brown awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
5	Hesperiidae	*Baoris farri farri*	Bamboo paintbrush swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
6	Hesperiidae	*Baoris oceia*	Paintbrush swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
	Hesperiidae	*Baoris* sp.	Swift	N.A	N.A	N.A	N.A	N.A	Yes	
7	Hesperiidae	*Bibasis sena uniformis*	Orange tailed awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
8	Hesperiidae	*Borbo cinnara*	Formosan swift	Not Assessed	Endangered	Yes	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
9	Hesperiidae	*Burara etelka*	Great orange awlet	Not Assessed	Not Assessed	No	Rare	Yes	No	
10	Hesperiidae	*Burara harisa consobrina*	Orange awlet	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
11	Hesperiidae	*Caltoris cormasa*	Full stop swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
12	Hesperiidae	*Caltoris malaya*	Malayan swift	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
13	Hesperiidae	*Caltoris philippina philippina*	Philippine swift	Not Assessed	Not Assessed	No	Rare	Yes	No	
14	Hesperiidae	*Caltoris bromus*	Swift	N.A	N.A	N.A	N.A	No	Yes	
15	Hesperiidae	*Cephrenes acalle niasicus*	Plain palm dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
16	Hesperiidae	*Cephrenes trichopepla*	Yellow palm dart	Not Assessed	Not assessed	No	Common	Yes	No	
	Hesperiidae	*Cephrenes* sp.	Palm dart	N.A	N.A	N.A	N.A	N.A	Yes	
17	Hesperiidae	*Doleschalia bisaltide bisaltide*	Pale palm dart	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
18	Hesperiidae	*Eetion elia*	White spot palmer	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
19	Hesperiidae	*Erionota hiraca apicalis*	White tipped skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
20	Hesperiidae	*Erionota thrax thrax*	Banana skipper	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
21	Hesperiidae	*Erionota torus*	Torus skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
	Hesperiidae	*Erionota sp.*	Skipper	N.A	N.A	N.A	N.A	N.A	No	Recorded in past studies (ESC, 2020; ERM, 2016)
22	Hesperiidae	*Gangara lebadea lebadea*	Banded redeye	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No	
23	Hesperiidae	*Gangara thyrsis thyrsis*	Giant redeye	Not Assessed	Not Assessed	No	Very rare	Yes	No	
24	Hesperiidae	*Gerosis limax dirae*	Black and white flat	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No	
25	Hesperiidae	*Gerosis tristis*	NA	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No	
26	Hesperiidae	*Halpe ormenes vilasina*	Dark banded ace	Not Assessed	Not Assessed	No	Rare	Yes	No	

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27	Hesperiidae	*Hasora badra badra*	Common awl	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
28	Hesperiidae	*Hasora chromus chromus*	Common banded awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
29	Hesperiidae	*Hasora schoenherr chuza*	Yellow banded awl	Not Assessed	Not Assessed	No	Rare	Yes	No	
30	Hesperiidae	*Hasora taminatus malayana*	White banded awl	Not Assessed	Not Assessed	No	Rare	Yes	No	
31	Hesperiidae	*Hasora vitta vitta*	Plain banded awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
32	Hesperiidae	*Hidari irava*	Coconut skipper	Not Assessed	Not Assessed	No	Common	Yes	No	
33	Hesperiidae	*Hyarotis adrastus praba*	Tree flitter	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
34	Hesperiidae	*Iambrix salsala salsala*	Chestnut bob	Not Assessed	Not Assessed	No	Common	Yes	Yes	
35	Hesperiidae	*Iambrix stellifer*	Starry bob	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
36	Hesperiidae	*Matapa aria*	Common redeye	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
37	Hesperiidae	*Notocrypta paralysos varians*	Banded demon	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
38	Hesperiidae	*Odina hieroglyphica ortina*	Hieroglyphic flat	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
39	Hesperiidae	*Odontoptilum angulatum angulatum*	Chestnut angle	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
40	Hesperiidae	*Oriens gola pseudolus*	Common dartlet	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
41	Hesperiidae	*Oriens paragola*	Malay dartlet	Not Assessed	Not assessed	No	Rare	Yes	No	
42	Hesperiidae	*Pelopidas agna agna*	Bengal swift	Not Assessed	Endangered	Yes	Moderately common	Yes	No	
43	Hesperiidae	*Pelopidas assamensis*	Great swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
44	Hesperiidae	*Pelopidas conjunctus conjunctus*	Conjoined swift	Not Assessed	Not assessed	No	Moderately rare	Yes	No	
45	Hesperiidae	*Pelopidas mathias mathias*	Small branded swift	Not Assessed	Not Assessed	No	Common	Yes	Yes	
46	Hesperiidae	*Pemara pugnans*	Pugnacious lancer	Not Assessed	Not Assessed	No	Very rare	Yes	No	
47	Hesperiidae	*Plastingia naga*	Chequered lancer	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
48	Hesperiidae	*Plastingia pellonia*	Yellow chequered lancer	Not Assessed	Not Assessed	No	Very rare	Yes	No	
49	Hesperiidae	*Polytremis lubricans lubricans*	Contiguous swift	Not Assessed	Not Assessed	No	Common	Yes	No	
50	Hesperiidae	*Potanthus omaha omaha*	Lesser dart	Not Assessed	Not Assessed	No	Common	Yes	Yes	
51	Hesperiidae	*Potanthus serina*	Large dart	Not Assessed	Not assessed	No	Moderately common	Yes	No	
52	Hesperiidae	*Potanthus trachala tytleri*	Detached dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	Yes	
53	Hesperiidae	*Pseudocoladenia dan dhyana*	Fulvous pied flat	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
54	Hesperiidae	*Pyroneura latoia latoia*	Yellow vein lancer	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
55	Hesperiidae	*Quedara monteithi monteithi*	NA	Not Assessed	Not Assessed	No	Rare	Yes	No	
56	Hesperiidae	*Suastus everyx everyx*	White palm bob	Not Assessed	Endangered	Yes	Rare	Yes	No	
57	Hesperiidae	*Suastus gremius gremius*	Palm bob	Not Assessed	Not Assessed	No	Common	Yes	No	
58	Hesperiidae	*Tagiades calligana*	Malayan snow flat	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
59	Hesperiidae	*Tagiades gana gana*	Large snow flat	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
60	Hesperiidae	*Tagiades japetus atticus*	Common snow flat	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
61	Hesperiidae	*Tagiades ultra*	Ultra snow flat	Not Assessed	Not Assessed	No	Rare	Yes	No	
62	Hesperiidae	*Tapena thwaitesi bornea*	Dark flat	Not Assessed	Endangered	Yes	Moderately rare	Yes	No	

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63	Hesperiidae	*Taractrocera archias quinta*	Yellow grass dart	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
64	Hesperiidae	*Taractrocera ardonia lamia*	Spotted grass dart	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
65	Hesperiidae	*Telicota besta bina*	Besta palm dart	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
66	Hesperiidae	*Telicota colon stinga*	Common palm dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No	
67	Hesperiidae	*Telicota linna*	Linna palm dart	Not Assessed	Not assessed	No	Moderately rare	Yes	No	
68	Hesperiidae	*Udaspes folus*	Grass demon	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
69	Hesperiidae	*Unkana ambasa batara*	Hoary palmer	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
70	Hesperiidae	*Zela storeyi*	Storey's palmer	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No	
71	Hesperiidae	*Zographetus doxus*	Spotted flitter	Not Assessed	Not Assessed	No	Rare	Yes	No	
72	Hesperiidae	*Zographetus ogygia ogygia*	Purple spotted flitter	Not Assessed	Not Assessed	No	N.A	Yes	No	
73	Lycaenidae	*Acytolepis puspa lambi*	Common hedge blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
74	Lycaenidae	*Allotinus unicolor unicolor*	Lesser darkwing	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
75	Lycaenidae	*Anthene emolus goberus*	Ciliate blue	Not Assessed	Not Assessed	No	Common	Yes	No	
76	Lycaenidae	*Anthene lycaenina miya*	Pointed ciliate blue	Not Assessed	Not Assessed	Yes	Moderately rare	Yes	No	
77	Lycaenidae	*Arhopala abseus abseus*	Aberrant oakblue	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
78	Lycaenidae	*Arhopala aedias agnis*	Large metallic oakblue	Not Assessed	Data Deficient	No	Very rare	Yes	No	
79	Lycaenidae	*Arhopala alitaeus pardenas*	Purple broken-band oakblue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No	
80	Lycaenidae	*Arhopala ammon ammon*	NA	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
81	Lycaenidae	*Arhopala amphimuta amphimuta*	NA	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No	
82	Lycaenidae	*Arhopala antimuta antimuta*	Small tailless oakblue	Not Assessed	Nationally Extinct	Yes	Rare	Yes	No	
83	Lycaenidae	*Arhopala athada athada*	Vinous oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
84	Lycaenidae	*Arhopala atosia malayana*	Tailed disc oakblue	Not Assessed	Not Assessed	No	Very rare	Yes	No	
85	Lycaenidae	*Arhopala aurea*	NA	Not Assessed	Not Assessed	No	Very rare	Yes	No	
86	Lycaenidae	*Arhopala centaurus nakula*	Centaur oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
87	Lycaenidae	*Arhopala epimuta epiala*	Common disc oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
88	Lycaenidae	*Arhopala eumolphus maxwelli*	Green oakblue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
89	Lycaenidae	*Arhopala major major*	NA	Not Assessed	Data Deficient	No	Common	Yes	Yes	
90	Lycaenidae	*Arhopala muta maranda*	Mutal oakblue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No	
91	Lycaenidae	*Arhopala myrzala lammas*	Malayan oakblue	Not Assessed	Not Assessed	No	Very rare	Yes	No	
92	Lycaenidae	*Arhopala pseudomuta pseudomuta*	Raffles' oakblue	Not Assessed	Nationally Extinct	Yes	Rare	Yes	No	
93	Lycaenidae	*Arhopala silhetensis adorea*	Sylhet oakblue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Rare	Yes	No	

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94	Lycaenidae	*Arhopala sublustis ridleyi*	NA	Not Assessed	Not Assessed	No	N.A	Yes	No	
95	Lycaenidae	*Arhopala trogon*	NA	Not Assessed	Not Assessed	No	Rare	Yes	No	
96	Lycaenidae	*Bindahara phocides phocides*	Plane	Not Assessed	Not Assessed	No	Rare	Yes	No	
97	Lycaenidae	*Caleta elna elvira*	Elbowed pierrot	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
98	Lycaenidae	*Castalius rosimon rosimon*	Common pierrot	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No	
99	Lycaenidae	*Catochrysops panormus exiguus*	Silver forget-me-not	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
100	Lycaenidae	*Catochrysops strabo strabo*	Forget-me-not	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
101	Lycaenidae	*Catopyrops ancyra*	Ancyra blue	Not Assessed	Vulnerable	Yes	Moderately rare	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
102	Lycaenidae	*Cheritra freja frigga*	Common imperial	Least Concern	Not Assessed	No	Moderately rare	Yes	No	
103	Lycaenidae	*Chilades pandava pandava*	Cycad blue	Not Assessed	Not Assessed	No	Common	Yes	Yes	
104	Lycaenidae	*Curetis santana malayica*	Malayan sunbeam	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
105	Lycaenidae	*Curetis saronis sumatrana*	Sumatran sunbeam	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
106	Lycaenidae	*Deudorix epijarbas cinnabarus*	Cornelian	Not Assessed	Not Assessed	No	Rare	Yes	No	
107	Lycaenidae	*Drupadia ravindra moorei*	Common posy	Not Assessed	Not Assessed	Yes	Common	Yes	No	
108	Lycaenidae	*Drupadia rufotaenia rufotaenia*	Pygmy posy	Not Assessed	Critically Endangered	Yes	Rare	Yes	No	
109	Lycaenidae	*Drupadia theda thesmia*	Dark posy	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
110	Lycaenidae	*Eooxylides tharis distanti*	Branded imperial	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
111	Lycaenidae	*Euchrysops cnejus cnejus*	Gram blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
112	Lycaenidae	*Everes lacturnus rileyi*	Indian cupid	Not Assessed	Not Assessed	No	Rare	Yes	No	
113	Lycaenidae	*Flos anniella anniella*	Darky plushblue	Not Assessed	Not Assessed	No	Rare	Yes	No	
114	Lycaenidae	*Flos apidanus saturatus*	Plain plushblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
115	Lycaenidae	*Flos diardi capeta*	Bifid plushblue	Not Assessed	Not Assessed	No	Rare	Yes	No	
116	Lycaenidae	*Flos fulgida singhapura*	Shining plushblue	Not Assessed	Not Assessed	No	Rare	Yes	No	
117	Lycaenidae	*Horaga syrinx maenala*	Ambon onyx	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
118	Lycaenidae	*Hypolycaena erylus teatus*	Common tit	Not Assessed	Not Assessed	No	Common	Yes	No	
119	Lycaenidae	*Hypolycaena thecloides thecloides*	Dark tit	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
120	Lycaenidae	*Ionolyce helicon merguiana*	Pointed line blue	Not Assessed	Not Assessed	No	Common	Yes	No	
121	Lycaenidae	*Iraota distanti distanti*	Spotted silverstreak	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No	
122	Lycaenidae	*Iraota rochana boswelliana*	Scarce silverstreak	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
123	Lycaenidae	*Jacoona anasuja anasuja*	Great imperial	Not Assessed	Data Deficient	No	Rare	Yes	No	

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124	Lycaenidae	*Jamides alecto ageladas*	Metallic caerulean	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
125	Lycaenidae	*Jamides bochus nabonassar*	Dark caerulean	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
126	Lycaenidae	*Jamides caeruleus caeruleus*	Sky blue	Not Assessed	Data Deficient	No	Moderately rare	Yes	No	
127	Lycaenidae	*Jamides celeno aelianus*	Common caerulean	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
128	Lycaenidae	*Jamides elpis pseudelpis*	Glistening caerulean	Not Assessed	Data Deficient	No	Rare	Yes	No	
129	Lycaenidae	*Lampides boeticus*	Pea blue	Not Assessed	Not Assessed	No	Common	Yes	No	
130	Lycaenidae	*Liphyra brassolis abbreviata*	Moth butterfly	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No	
131	Lycaenidae	*Logania marmorata damis*	Pale mottle	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
132	Lycaenidae	*Loxura atymnus fuconius*	Yamfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
133	Lycaenidae	*Manto hypoleuca terana*	Green imperial	Not Assessed	Nationally Extinct	Yes	Rare	Yes	No	
134	Lycaenidae	*Megisba malaya sikkima*	Malayan	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
135	Lycaenidae	*Miletus biggsii biggsii*	Bigg's brownwing	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
136	Lycaenidae	*Miletus gopara gopara*	NA	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No	
137	Lycaenidae	*Miletus symethus petronius*	Blue brownwing/great brownie	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
138	Lycaenidae	*Nacaduba berenice icena*	Rounded sixline blue	Not Assessed	Not Assessed	No	Common	Yes	No	
139	Lycaenidae	*Nacaduba beroe neon*	Opaque sixline blue	Not Assessed	Not Assessed	No	Common	Yes	No	
140	Lycaenidae	*Nacaduba biocellata*	Two spotted line blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
141	Lycaenidae	*Nacaduba calauria malayica*	Dark malayan sixline blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
142	Lycaenidae	*Nacaduba hermus*	Pale fourline blue	Not Assessed	Not Assessed	No	N.A	Yes	No	
143	Lycaenidae	*Nacaduba kurava nemana*	Transparent sixline blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No	
144	Lycaenidae	*Nacaduba pactolus odon*	Large fourline blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
145	Lycaenidae	*Nacaduba sanaya elioti*	Jewel fourline blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No	
146	Lycaenidae	*Neocheritra amrita amrita*	Grand imperial	Not Assessed	Not Assessed	No	Rare	Yes	No	
147	Lycaenidae	*Neopithecops zalmora zalmora*	Quaker	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
148	Lycaenidae	*Petrelaea dana*	Dingy line blue	Not Assessed	Not Assessed	Yes	Moderately rare	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
149	Lycaenidae	*Poritia philota philota*	Malay gem	Not Assessed	Not Assessed	No	Very rare	Yes	No	
150	Lycaenidae	*Poritia sumatrae sumatrae*	Sumatran gem	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	

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151	Lycaenidae	*Pratapa deva relata*	White royal	Not Assessed	Critically Endangered	Yes	Moderately rare	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
152	Lycaenidae	*Prosotas aluta nanda*	Barred line blue	Not Assessed	Not assessed	No	Rare	Yes	No	
153	Lycaenidae	*Prosotas dubiosa lumpura*	Tailless line blue	Not Assessed	Not Assessed	No	Common	Yes	Yes	
154	Lycaenidae	*Prosotas lutea sivoka*	Banded line blue	Not Assessed	Not assessed	No	Rare	Yes	No	
155	Lycaenidae	*Prosotas nora superdates*	Common line blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
156	Lycaenidae	*Pseudotajuria donatana donatana*	Golden royal	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No	
157	Lycaenidae	*Rachana jalindra burbona*	Banded royal	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No	
158	Lycaenidae	*Rapala dieneces dieneces*	Scarlet flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
159	Lycaenidae	*Rapala domitia domitia*	Yellow flash	Not Assessed	Not Assessed	No	Rare	Yes	No	
160	Lycaenidae	*Rapala iarbus iarbus*	Common red flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
161	Lycaenidae	*Rapala manea chozeba*	Slate flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
162	Lycaenidae	*Rapala pheretima sequeira*	Copper flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
163	Lycaenidae	*Rapala suffusa barthema*	Suffused flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
164	Lycaenidae	*Rapala varuna orseis*	Indigo flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
165	Lycaenidae	*Remelana jangala travana*	Chocolate royal	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
166	Lycaenidae	*Semanga superba deliciosa*	NA	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
167	Lycaenidae	*Sinthusa nasaka amba*	Narrow spark	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
168	Lycaenidae	*Spalgis epius epius*	Apefly	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
169	Lycaenidae	*Spindasis lohita senama*	Long banded silverline	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
170	Lycaenidae	*Spindasis syama terana*	Club silverline	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
171	Lycaenidae	*Surendra vivarna amisena*	Acacia blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
172	Lycaenidae	*Tajuria cippus maxentius*	Peacock royal	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
173	Lycaenidae	*Tajuria dominus dominus*	NA	Not Assessed	Not Assessed	No	Very rare	Yes	No	
174	Lycaenidae	*Tajuria mantra mantra*	Felder's royal	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
175	Lycaenidae	*Virachola kessuma deliochus*	Pitcher blue	Not Assessed	Not Assessed	No	Rare	Yes	No	
176	Lycaenidae	*Zeltus amasa maximinianus*	Fluffy tit	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
177	Lycaenidae	*Zizeeria maha serica*	Pale grass blue	Not Assessed	Not Assessed	No	Common	Yes	No	
178	Lycaenidae	*Zizina otis lampa*	Lesser grass blue	Not Assessed	Not Assessed	No	Common	Yes	Yes	
179	Lycaenidae	*Zizula hylax pygmaea*	Pygmy grass blue	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)

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180	Nymphalidae	*Acraea terpsicore*	Tawny coster	Not Assessed	Not assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
181	Nymphalidae	*Amathusia phidippus phidippus*	Palm king	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
182	Nymphalidae	*Ariadne ariadne ariadne*	Angled castor	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare (seasonal migrant)	Yes	No	
183	Nymphalidae	*Athyma asura idita*	Studded sergeant	Not Assessed	Not Assessed	No	Rare	Yes	No	
184	Nymphalidae	*Athyma kanwa kanwa*	Dot-dash sergeant	Not Assessed	Not Assessed	No	Rare	Yes	No	
185	Nymphalidae	*Athyma nefte subrata*	Colour sergeant	Not Assessed	Not Assessed	No	Common	Yes	No	
186	Nymphalidae	*Athyma pravara helma*	Lance sergeant	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
187	Nymphalidae	*Athyma reta moorei*	Malay staff sergeant	Not Assessed	Not Assessed	No	Very rare	Yes	No	
188	Nymphalidae	*Cethosia cyane*	Leopard lacewing	Not Assessed	Not assessed	No	Common	Yes	No	
189	Nymphalidae	*Cethosia hypsea hypsina*	Malay lacewing	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
190	Nymphalidae	*Cethosia methypsea methypsea*	Plain lacewing	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No	
191	Nymphalidae	*Charaxes solon echo*	Black rajah	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No	
192	Nymphalidae	*Chersonesia peraka peraka*	Little maplet	Not Assessed	Vulnerable	Yes	Moderately rare	Yes	No	
193	Nymphalidae	*Cirrochroa emalea emalea*	Malay yeoman	Not Assessed	Not assessed	No	Rare (seasonal migrant)	Yes	No	
194	Nymphalidae	*Cirrochroa orissa orissa*	Banded yeoman	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
195	Nymphalidae	*Cirrochroa tyche rotundata*	Common yeoman	Not Assessed	Not assessed	No	Rare	Yes	No	
196	Nymphalidae	*Cupha erymanthis lotis*	Rustic	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
197	Nymphalidae	*Danaus chrysippus chrysippus*	Plain tiger	Not Assessed	Not Assessed	No	Common	Yes	No	
198	Nymphalidae	*Danaus genutia genutia*	Common tiger	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
199	Nymphalidae	*Danaus melanippus hegesippus*	Black veined tiger	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
200	Nymphalidae	*Discophora sondaica despoliata*	Common duffer	Not Assessed	Critically Endangered	Yes	Rare	Yes	No	
201	Nymphalidae	*Doleschallia bisaltide bisaltide*	Autumn leaf	Not Assessed	Not assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
202	Nymphalidae	*Doleschallia bisaltide pratipa*	Autumn leaf	Not Assessed	Not assessed	No	Very rare	Yes	No	
203	Nymphalidae	*Elymnias hypermnestra agina*	Common palmfly	Not Assessed	Not Assessed	No	Common	Yes	Yes	
204	Nymphalidae	*Elymnias panthera panthera*	Tawny palmfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
205	Nymphalidae	*Eulaceura osteria kumana*	Purple duke	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
206	Nymphalidae	*Euploea camaralzeman malayica*	Malayan crow	Not Assessed	Critically Endangered	Yes	Very rare/possiby extinct	Yes	No	
207	Nymphalidae	*Euploea crameri bremeri*	Spotted black crow	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
208	Nymphalidae	*Euploea eyndhovii gardineri*	Striped black crow	Not Assessed	Not Assessed	No	Rare	Yes	No	
209	Nymphalidae	*Euploea midamus singapura*	Blue spotted crow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
210	Nymphalidae	*Euploea mulciber mulciber*	Striped blue crow	Not Assessed	Not Assessed	No	Common	Yes	No	

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211	Nymphalidae	*Euploea phaenareta castelnaui*	King crow	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
212	Nymphalidae	*Euploea radamanthus radamanthus*	Magpie crow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
213	Nymphalidae	*Euploea tulliolus ledereri*	Dwarf crow	Not Assessed	Endangered	Yes	Moderately rare	Yes	No	
214	Nymphalidae	*Euripus nyctelius euploeoides*	Courtesan	Not Assessed	Critically Endangered	Yes	Rare	Yes	No	
215	Nymphalidae	*Euthalia aconthea gurda*	Baron	Not Assessed	Not Assessed	No	Common	Yes	No	
216	Nymphalidae	*Euthalia adonia pinwilli*	Green baron	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
217	Nymphalidae	*Euthalia merta merta*	White tipped baron	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No	
218	Nymphalidae	*Euthalia monina monina*	Malay baron	Not Assessed	Not Assessed	No	Common	Yes	No	
219	Nymphalidae	*Faunis canens arcesilas*	Common faun	Not Assessed	Not Assessed	No	Common	Yes	Yes	
220	Nymphalidae	*Hypolimnas anomala anomala*	Malayan eggfly	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
221	Nymphalidae	*Hypolimnas bolina bolina*	Great eggfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
222	Nymphalidae	*Hypolimnas bolina jacintha*	Jacintha eggfly	Not Assessed	Not Assessed	No	Common	Yes	No	
223	Nymphalidae	*Idea stolli logani*	Common tree nymph	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
224	Nymphalidae	*Ideopsis vulgaris macrina*	Blue glassy tiger	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
225	Nymphalidae	*Junonia almana javana*	Peacock pansy	Least Concern	Not Assessed	No	Common	Yes	Yes	
226	Nymphalidae	*Junonia atlites atlites*	Grey pansy	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
227	Nymphalidae	*Junonia hedonia ida*	Chocolate pansy	Not Assessed	Not Assessed	No	Common	Yes	Yes	
228	Nymphalidae	*Junonia orithya wallacei*	Blue pansy	Not Assessed	Not Assessed	No	Common	Yes	No	
229	Nymphalidae	*Lasippa heliodore dorelia*	Burmese lascar	Not Assessed	Data Deficient	No	Rare	Yes	No	
230	Nymphalidae	*Lasippa tiga siaka*	Malayan lascar	Not Assessed	Not Assessed	No	Common	Yes	No	
	Nymphalidae	*Lasippa sp.*	Lascar	N.A	N.A	N.A	N.A	N.A	No	Recorded in past studies (ESC, 2020; ERM, 2016)
231	Nymphalidae	*Lebadea martha malayana*	Knight	Not Assessed	Not Assessed	No	Rare	Yes	No	
232	Nymphalidae	*Lebadea martha parkeri*	Knight	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
233	Nymphalidae	*Lethe europa malaya*	Bamboo tree brown	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
234	Nymphalidae	*Lexias canescens pardalina*	Yellow archduke	Not Assessed	Not Assessed	No	Rare	Yes	No	
235	Nymphalidae	*Lexias dirtea merguia*	Dark archduke	Not Assessed	Not Assessed	No	Rare	Yes	No	

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236	Nymphalidae	*Lexias pardalis dirteana*	Archduke	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
237	Nymphalidae	*Melanitis leda leda*	Common evening brown	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
238	Nymphalidae	*Moduza procris milonia*	Commander	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
239	Nymphalidae	*Mycalesis fusca fusca*	Malayan bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
240	Nymphalidae	*Mycalesis mineus macromalayana*	Dark brand bush brown	Not Assessed	Not Assessed	No	Common	Yes	Yes	
241	Nymphalidae	*Mycalesis orseis nautilus*	Purple bush brown	Not Assessed	Not Assessed	No	Rare	Yes	No	
242	Nymphalidae	*Mycalesis perseoides perseoides*	Burmese bush brown	Not Assessed	Data Deficient	No	Common	Yes	Yes	
243	Nymphalidae	*Mycalesis perseus cepheus*	Dingy bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
244	Nymphalidae	*Mycalesis visala phamis*	Long brand bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
245	Nymphalidae	*Neptis harita harita*	Chocolate sailor	Not Assessed	Vulnerable	Yes	Rare	Yes	No	
246	Nymphalidae	*Neptis hylas papaja*	Common sailor	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
247	Nymphalidae	*Neptis leucoporos cresina*	Burmese sailor	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
248	Nymphalidae	*Orsotriaena medus cinerea*	Dark grass brown	Not Assessed	Not Assessed	No	Common	Yes	Yes	
249	Nymphalidae	*Pandita sinope sinope*	Colonel	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
250	Nymphalidae	*Pantoporia hordonia hordonia*	Common lascar	Not Assessed	Not Assessed	No	Common	Yes	No	
251	Nymphalidae	*Pantoporia paraka paraka*	Perak lascar	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
252	Nymphalidae	*Parantica agleoides agleoides*	Dark glassy tiger	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
253	Nymphalidae	*Phaedyma columella singa*	Short banded sailor	Not Assessed	Not Assessed	No	Common	Yes	Yes	
254	Nymphalidae	*Phalanta phalantha phalantha*	Leopard	Not Assessed	Not Assessed	No	Common	Yes	Yes	
255	Nymphalidae	*Polyura hebe plautus*	Plain nawab	Not Assessed	Not Assessed	No	Common	Yes	No	
256	Nymphalidae	*Polyura schreiber tisamenus*	Blue nawab	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
	Nymphalidae	*Polyura* sp.	Nawab	N.A	N.A	N.A	N.A	N.A	Yes	
257	Nymphalidae	*Symbrenthia hippoclus selangorana*	Malayan jester	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes	No	

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258	Nymphalidae	*Tanaecia iapis puseda*	Horsfield's baron	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
259	Nymphalidae	*Tanaecia pelea pelea*	Malay viscount	Not Assessed	Not Assessed	No	Common	Yes	Yes	
260	Nymphalidae	*Terinos terpander robertsia*	Royal assyrian	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
261	Nymphalidae	*Thaumantis klugius lucipor*	Dark blue jungle glory	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
262	Nymphalidae	*Thaumantis noureddin noureddin*	Dark jungle glory	Not Assessed	Not Assessed	No	Seasonal migrant	Yes	No	
263	Nymphalidae	*Vindula dejone erotella*	Cruiser	Not Assessed	Not Assessed	No	Common	Yes	Yes	
264	Nymphalidae	*Ypthima baldus newboldi*	Common five-ring	Not Assessed	Not Assessed	No	Common	Yes	Yes	
265	Nymphalidae	*Ypthima fasciata torone*	Malayan six-ring	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No	
266	Nymphalidae	*Ypthima horsfieldii humei*	Malayan five-ring	Not Assessed	Not Assessed	No	Common	Yes	Yes	
267	Nymphalidae	*Ypthima huebneri*	Common four-ring	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
268	Nymphalidae	*Ypthima pandocus corticaria*	Common three-ring	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
269	Nymphalidae	*Zeuxidia amethystus amethystus*	Saturn	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
270	Papilionidae	*Chilasa clytia clytia*	Common mime	Not Assessed	Not Assessed	No	Common	Yes	Yes	
271	Papilionidae	*Graphium agamemnon agamemnon*	Tailed jay	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
272	Papilionidae	*Graphium antiphates itamputi*	Fivebar swordtail	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
273	Papilionidae	*Graphium bathycles bathycloides*	Striped jay	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes	No	
274	Papilionidae	*Graphium doson evemonides*	Common jay	Not Assessed	Critically Endangered	Yes	Moderately rare	Yes	No	
275	Papilionidae	*Graphium eurypylus mecisteus*	Great jay	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes	No	
276	Papilionidae	*Graphium evemon eventus*	Lesser jay (blue jay)	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
277	Papilionidae	*Graphium sarpedon luctatius*	Common bluebottle	Not Assessed	Not Assessed	No	Common	Yes	Yes	
278	Papilionidae	*Pachliopta aristolochiae asteris*	Common rose	Not Assessed	Vulnerable	Yes	Moderately common	Yes	No	
279	Papilionidae	*Papilio demoleus malayanus*	Lime butterfly	Not Assessed	Not Assessed	No	Common	Yes	Yes	
280	Papilionidae	*Papilio demolion demolion*	Banded swallowtail	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
281	Papilionidae	*Papilio iswara iswara*	Great helen	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes	
282	Papilionidae	*Papilio memnon agenor*	Great mormon	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
283	Papilionidae	*Papilio polytes romulus*	Common mormon	Not Assessed	Not Assessed	No	Common	Yes	Yes	
284	Papilionidae	*Papilio prexaspes prexaspes*	Blue helen	Not Assessed	Vulnerable	Yes	Rare	Yes	No	
285	Papilionidae	*Troides helena cerberus*	Common birdwing	Not Assessed; CITES protected (Appendix II)	Vulnerable	Yes	Moderately common	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008; Jain et al. 2018)	Species of conservation significance	Distribution/Rarity (Khew, 2015)	Probable species	Recorded species	Remarks
286	Pieridae	*Abisara geza niya*	Spotted judy	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
287	Pieridae	*Appias indra plana*	Plain puffin	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes	No	
288	Pieridae	*Appias libythea olferna*	Striped albatross	Not Assessed	Not Assessed	No	Common	Yes	Yes	
289	Pieridae	*Appias lyncida vasava*	Chocolate albatross	Not Assessed	Not Assessed	No	Rare (seasonal migrant)	Yes	No	
290	Pieridae	*Catopsilia pomona pomona*	Lemon emigrant	Not Assessed	Not Assessed	No	Common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
291	Pieridae	*Catopsilia pyranthe pyranthe*	Mottled emigrant	Not Assessed	Not Assessed	No	Common	Yes	Yes	
292	Pieridae	*Catopsilia scylla cornelia*	Orange emigrant	Not Assessed	Not Assessed	No	Common	Yes	No	
293	Pieridae	*Delias hyparete metarete*	Painted jezebel	Not Assessed	Not Assessed	No	Common	Yes	Yes	
294	Pieridae	*Delias pasithoe parthenope*	Red base jezebel	Not Assessed	Nationally Extinct	Yes	Very rare (seasonal migrant)	Yes	No	
295	Pieridae	*Eurema andersonii andersonii*	Anderson's grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes	
296	Pieridae	*Eurema blanda snelleni*	Three spot grass yellow	Not Assessed	Not Assessed	No	Common	Yes	No	
297	Pieridae	*Eurema brigitta senna*	No brand grass yellow	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
298	Pieridae	*Eurema hecabe contubernalis*	Common grass yellow	Not Assessed	Not Assessed	No	Common	Yes	No	
299	Pieridae	*Eurema sari sodalis*	Chocolate grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
300	Pieridae	*Eurema simulatrix tecmessa*	Forest grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
301	Pieridae	*Gandaca harina distanti*	Tree yellow	Not Assessed	Not Assessed	No	Common	Yes	No	
302	Pieridae	*Leptosia nina malayana*	Psyche	Not Assessed	Not Assessed	No	Common	Yes	Yes	
303	Pieridae	*Pieris canidia canidia*	Cabbage white	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
304	Pieridae	*Prioneris philonome themana*	Redspot sawtooth	Not Assessed	Not assessed	No	Rare (seasonal migrant)	Yes	No	
305	Pieridae	*Saletara liberia distanti*	Malaysian albatross	Not Assessed	Data Deficient	No	Very rare (seasonal migrant)	Yes	No	
306	Riodinidae	*Abisara saturata kausambioides*	Malayan plum judy	Not Assessed	Not Assessed	No	Moderately common	Yes	No	
307	Riodinidae	*Abisara savitri savitri*	Malay tailed judy	Not Assessed	Not Assessed	No	Moderately rare	Yes	No	
308	Riodinidae	*Laxita thuisto thuisto*	Lesser harlequin	Not Assessed	Not Assessed	No	Rare	Yes	No	
309	Riodinidae	*Taxila haquinus haquinus*	Harlequin	Not Assessed	Endangered	Yes	Moderately rare	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Native status (Baker & Lim, 2012)	Probable species	Recorded species
1	Gecarcinucidae	*Irmengardia johnsoni*	Johnson's freshwater crab	Vulnerable	Endangered	Yes	Native	Yes	No
2	Sesarmidae	*Geosesarma peraccae*	Peracca's land crab	Not Assessed	Vulnerable	Yes	Native	Yes	No
3	Gecarcinucidae	*Parathelphusa maculata*	Maculate freshwater crab	Least Concern	Not Assessed	No	Native	Yes	No
4	Palaemonidae	*Macrobrachium lanchesteri*	Ghost shrimp	Least Concern	Not Assessed	No	Non-native	Yes	No
5	Palaemonidae	*Macrobrachium malayanum*	Freshwater prawn	Least Concern	Not Assessed	Yes	Native	Yes	Yes

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
1	Anabantidae	*Anabas testudineus*	Oriental climbing perch	Least Concern	Not Assessed	No	Native	Yes	No	
2	Aplocheilidae	*Aplocheilus armatus*	Whitespot	Least Concern	Not Assessed	No	Native	Yes	No	
3	Channidae	*Channa striata*	Common snakehead/aruan	Least Concern	Not Assessed	No	Native	Yes	Yes	
4	Channidae	*Channa lucius*	Forest snakehead	Least Concern	Not Assessed	No	Native	Yes	Yes	
5	Cichlidae	*Heterotilapia buttikoferi*	Bumblebee tilapia	Least Concern	Not Assessed	No	Non-native	Yes	No	
6	Cichlidae	*Satanoperca jurupari*	Demon eartheater	Not Assessed	Not Assessed	No	Non-native	Yes	No	
7	Cichlidae	*Cichlasoma hybrid*	Flowerhorn cichlid	Not Assessed	Not Assessed	No	Non-native	Yes	No	
8	Cichlidae	*Etroplus suratensis*	Green chromide	Least Concern	Not Assessed	No	Non-native	Yes	No	
9	Cichlidae	*Cichlasoma urophthalmum*	Mayan cichlid	Not Assessed	Not Assessed	No	Non-native	Yes	No	
10	Cichlidae	*Amphilophus citrinellus*	Midas cichlid	Not Assessed	Not Assessed	No	Non-native	Yes	No	
11	Cichlidae	*Oreochromis mossambicus*	Mozambique tilapia	Vulnerable	Not Assessed	No	Non-native	Yes	No	
12	Cichlidae	*Oreochromis niloticus*	Nile tilapia	Not Assessed	Not Assessed	No	Non-native	Yes	No	
13	Cichlidae	*Amphilophus labiatus*	Red devil cichlid	Not Assessed	Not Assessed	No	Non-native	Yes	No	
14	Cichlidae	*Geophagus altifrons*	Red-striped eartheater	Not Assessed	Not Assessed	No	Non-native	Yes	No	
	Cichlidae	*Geophagus* sp.	N.A	N.A	N.A	N.A	N.A	N.A	Yes	
15	Cichlidae	*Vieja melanura*	Redhead cichlid	Not Assessed	Not Assessed	No	Non-native	Yes	No	
16	Cichlidae	*Acarichthys heckelii*	Threadfin acara	Not Assessed	Not Assessed	No	Non-native	Yes	No	
17	Cichlidae	*Cichlasoma trimaculatum*	Three-spot cichlid	Not Assessed	Not Assessed	No	Non-native	Yes	No	
18	Clariidae	*Clarias* cf. *batrachus*	Common walking catfish	Not Assessed	Not Assessed	Yes	Native	Yes	Yes	
19	Clariidae	*Clarias leiacanthus*	Forest walking catfish	Least Concern	Not Assessed	No	Native	Yes	No	
20	Clariidae	*Clarias gariepinus*	Sharp-toothed walking catfish	Least Concern	Not Assessed	No	Non-native	Yes	Yes	
21	Cyprinidae	*Dawkinsia filamentosa*	Black-spot barb	Least Concern	Not Assessed	No	Non-native	Yes	Yes	
22	Cyprinidae	*Cyprinus carpio*	Carp	Vulnerable	Not Assessed	No	Non-native	Yes	No	
23	Cyprinidae	*Barbodes banksi*	Saddle barb	Not Assessed	Not Assessed	No	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
24	Cyprinidae	*Barbodes rhombeus*	Indochinese spotted barb	Least Concern	Not Assessed	No	Non-native	Yes	Yes	
25	Cyprinidae	*Puntigrus partipentazona*	Malayan tiger barb	Least Concern	Not Assessed	No	Non-native	Yes	No	
26	Cyprinidae	*Brachydanio albolineata*	Pearl danio	Least Concern	Not Assessed	No	Non-native	Yes	No	
27	Cyprinidae	*Puntigrus tetrazona*	Tiger barb	Not Assessed	Not Assessed	No	Non-native	Yes	No	
28	Cyprinidae	*Rasbora elegans*	Two-spot rasbora	Least Concern	Not Assessed	No	Native	Yes	Yes	
29	Eleotrididae	*Oxyeleotris marmorata*	Marbled gudgeon	Least Concern	Not Assessed	No	Non-native	Yes	No	
30	Gobiidae	*Rhinogobius giurinus*	Barcheek goby	Least Concern	Not Assessed	No	Non-native	Yes	No	
31	Loricariidae	*Pterygoplichthys joselimaianus*	Gold-spotted sailfin catfish	Not Assessed	Not Assessed	No	Non-native	Yes	No	
32	Loricariidae	*Pterygoplichthys pardalis*	Spotted sailfin sucker catfish	Not Assessed	Not Assessed	No	Non-native	Yes	No	
33	Loricariidae	*Pterygoplichthys disjunctivus*	Vermiculated sailfin sucker catfish	Not Assessed	Not Assessed	No	Non-native	Yes	No	
34	Osphronemidae	*Trichopsis vittata*	Croaking gouramy	Least Concern	Not Assessed	No	Native	Yes	Yes	
35	Osphronemidae	*Osphronemus goramy*	Giant gouramy	Least Concern	Not Assessed	No	Non-native	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
36	Osphronemidae	*Osphronemus laticlavius*	Red giant gouramy	Endangered	Not Assessed	No	Non-native	Yes	Yes	
37	Osphronemidae	*Betta pugnax*	Malayan forest betta	Least Concern	Not Assessed	Yes	Native	Yes	Yes	
38	Osphronemidae	*Trichopodus trichopterus*	Threespot gouramy	Least Concern	Not Assessed	No	Native	Yes	No	
39	Poeciliidae	*Poecilia reticulata*	Guppy	Not Assessed	Not Assessed	No	Non-native	Yes	Yes	
40	Poeciliidae	*Gambusia affinis*	Mosquitofish	Least Concern	Not Assessed	No	Non-native	Yes	No	
41	Poeciliidae	*Xiphophorus maculatus*	Southern platy	Data Deficient	Not Assessed	No	Non-native	Yes	Yes	
42	Poeciliidae	*Xiphophorus helleri*	Swordtail	Least Concern	Not Assessed	No	Non-native	Yes	No	
43	Synbranchidae	*Monopterus javanensis*	Sunda swamp-eel	Least Concern	Not Assessed	No	Native	Yes	Yes	
44	Zenarchopteridae	*Hemirhamphodon pogonognathus*	Malayan forest halfbeak	Least Concern	Not Assessed	No	Native	Yes	No	
45	Zenarchopteridae	*Dermogenys collettei*	Sunda pygmy halfbeak	Not Assessed	Not Assessed	No	Native	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
1	Bufonidae	*Duttaphrynus melanostictus*	Asian toad	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
2	Bufonidae	*Ingerophrynus quadriporcatus*	Four-ridged toad	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No	
3	Dicroglossidae	*Fejervarya cancrivora*	Crab-eating frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
4	Dicroglossidae	*Fejervarya limnocharis*	Field frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
5	Dicroglossidae	*Limnonectes blythii*	Malayan giant frog	Near Threatened	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
6	Dicroglossidae	*Limnonectes malesianus*	Malesian frog	Near Threatened	Not Assessed	No	Restricted but Common	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
7	Dicroglossidae	*Limnonectes plicatellus*	Rhinoceros frog	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
8	Dicroglossidae	*Occidozyga sumatrana*	Yellow-bellied puddle frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No	
9	Eleutherodactylidae	*Eleutherodactylus planirostris*	Greenhouse frog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes	
10	Megophryidae	*Leptobrachium nigrops*	Black-eyed litter frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No	
12	Microhylidae	*Kalophrynus limbooliati*	Lim's black-spotted sticky frog	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Native	Yes	No	
13	Microhylidae	*Kaloula pulchra*	Banded bull frog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes	
14	Microhylidae	*Microhyla butleri*	Painted chorus frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
15	Microhylidae	*Microhyla heymonsi*	Dark-sided chorus frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
16	Microhylidae	*Microhyla mantheyi*	Manthey's chorus frog	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
17	Microhylidae	*Microhyla mukhlesuri*	East Asian ornate chorus frog	Least Concern	Not Assessed	No	Restricted and Rare	Non-native	Yes	Yes	
18	Ranidae	*Chalcorana labialis*	Copper-cheeked frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes	
19	Ranidae	*Hylarana erythraea*	Green paddy frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
20	Ranidae	*Lithobates catesbeianus*	American bullfrog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
21	Ranidae	*Pulchrana baramica*	Golden-eared rough-sided frog	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	Yes	
22	Ranidae	*Pulchrana laterimaculata*	Masked rough-sided frog	Least Concern	Not Assessed	No	Restricted and Uncommon	Native	Yes	Yes	
23	Rhacophoridae	*Nyctixalus pictus*	Cinnamon bush frog	Near Threatened	Vulnerable	Yes	Restricted and Rare	Native	Yes	Yes	
24	Rhacophoridae	*Polypedates leucomystax*	Four-lined tree frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
1	Agamidae	*Aphaniotis fusca*	Dusky earless agama	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
2	Agamidae	*Bronchocela cristatella*	Green crested lizard	Not Assessed	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes	
3	Agamidae	*Calotes versicolor*	Changeable lizard	Not Assessed	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
4	Agamidae	*Draco melanopogon*	Black-bearded flying dragon	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Native	Yes	Yes	
5	Agamidae	*Draco quinquefasciatus*	Five-banded flying dragon	Not Assessed	Endangered	Yes	Restricted and Rare	Native	Yes	No	
6	Agamidae	*Draco sumatranus*	Sumatran flying dragon	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
7	Colubridae	*Ahaetulla mycterizans*	Bigeye green whip snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
8	Colubridae	*Ahaetulla prasina*	Oriental whip snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
9	Colubridae	*Boiga cynodon*	Dog-toothed cat snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	Recorded by Ang et al. (2020)
10	Colubridae	*Boiga melanota*	Gold-ringed cat snake	Least Concern	Vulnerable	Yes	Widespread but Rare	Native	Yes	Yes	
11	Colubridae	*Boiga drapiezii*	White-spotted cat snake	Least Concern	Not Assessed	No	Restricted and Rare	Native	Yes	No	
12	Colubridae	*Boiga jaspidea*	Jasper cat snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
13	Colubridae	*Calamaria lovii (gimletti)*	Gimlett's reed snake	Least Concern	Not Assessed	No	Restricted and Rare	Native	Yes	No	
14	Colubridae	*Calamaria lumbricoidea*	Variable reed snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
15	Colubridae	*Calamaria schlegeli*	Pink-headed reed snake	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No	
16	Colubridae	*Chrysopelea paradisi*	Paradise gliding snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
17	Colubridae	*Chrysopelea pelias*	Twin-barred gliding snake	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No	

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18	Colubridae	*Coelognathus flavolineatus*	Common Malayan racer	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No	
19	Colubridae	*Dendrelaphis caudolineatus*	Striped bronzeback	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
20	Colubridae	*Dendrelaphis cyanochloris*	Blue bronzeback	Least Concern	Not Assessed	No	Restricted and Rare	Native	Yes	No	
21	Colubridae	*Dendrelaphis formosus*	Elegant bronzeback	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	Recorded by Ang et al. (2020)
22	Colubridae	*Dendrelaphis haasi*	Haas's bronzeback	Least Concern	Not Assessed	Yes	N.A	Native	Yes	Yes	
23	Colubridae	*Dendrelaphis kopsteini*	Red-necked bronzeback	Least Concern	Vulnerable	Yes	Widespread but Rare	Native	Yes	No	
24	Colubridae	*Dendrelaphis pictus*	Painted bronzeback	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded by Ang et al. (2020)
25	Colubridae	*Dryocalamus subannulatus*	Malayan bridle snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
26	Colubridae	*Dryophiops rubescens*	Keel-bellied whip snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
27	Colubridae	*Gongylosoma baliodeirus*	Orange-bellied ringneck	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
28	Colubridae	*Gonyosoma oxycephalum*	Red-tailed racer	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
29	Colubridae	*Lycodon capucinus*	House wolf snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
30	Colubridae	*Lycodon subcinctus*	Banded wolf snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
31	Colubridae	*Macropisthodon rhodomelas*	Blue-necked keelback	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No	
32	Colubridae	*Oligodon octolineatus*	Striped kukri snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
33	Colubridae	*Oligodon purpurascens*	Brown kukri snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
34	Colubridae	*Oligodon signatus*	Barred kukri snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
35	Colubridae	*Pseudorabdion longiceps*	Dwarf reed snake	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No	
36	Colubridae	*Ptyas carinata*	Keeled rat snake	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No	
37	Colubridae	*Ptyas fusca*	White-bellied rat snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
38	Colubridae	*Ptyas korros*	Indochinese rat snake	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	
39	Colubridae	*Sibynophis melanocephalus*	Black-headed collared snake	Least Concern	Endangered	Yes	Widespread but Uncommon	Native	Yes	Yes	Recorded from roadkill
40	Colubridae	*Xenelaphis hexagonotus*	Malayan brown snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
41	Colubridae	*Xenochrophis maculatus*	Spotted keelback	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Native	Yes	No	
42	Colubridae	*Xenochrophis trianguligerus*	Triangle keelback	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
43	Elapidae	*Calliophis bivirgatus*	Blue Malayan coral snake	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
44	Elapidae	*Calliophis intestinalis*	Banded Malayan coral snake	Least Concern	Not Assessed	No	Widespread but Rare	Native	Yes	No	
45	Elapidae	*Naja sumatrana*	Equatorial spitting cobra	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
46	Elapidae	*Ophiophagus hannah*	King cobra	Vulnerable	Endangered	Yes	Restricted and Rare	Native	Yes	No	
47	Emydidae	*Trachemys scripta*	Red-eared slider	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes	
48	Gekkonidae	*Cnemaspis peninsularis*	Peninsular rock gecko	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
49	Gekkonidae	*Cyrtodactylus majulah*	Singapore bent-toed gecko	Not Assessed	Vulnerable	Yes	Restricted and Rare	Native	Yes	No	
50	Gekkonidae	*Gehyra mutilata*	Four-clawed gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No	
51	Gekkonidae	*Gekko monarchus*	Spotted house gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
52	Gekkonidae	*Hemidactylus frenatus*	Spiny-tailed house gecko	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
53	Gekkonidae	*Hemidactylus platyurus*	Flat-tailed gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No	
54	Gekkonidae	*Hemiphyllodactylus typus*	Lowland dwarf gecko	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No	
55	Gekkonidae	*Lepidodactylus lugubris*	Mourning gecko	Not Assessed	Not Assessed	No	Widespread but Rare	Native	Yes	No	
56	Geomydidae	*Cuora amboinensis*	Malayan box terrapin	Vulnerable; CITES protected (Appendix II)	Not Assessed	Yes	Restricted but Common	Native	Yes	No	
57	Geomydidae	*Cyclemys dentata*	Asian leaf terrapin	Near Threatened	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
58	Geomydidae	*Heosemys spinosa*	Spiny terrapin	Endangered	Vulnerable	Yes	Restricted and Rare	Native	Yes	No	
59	Geomydidae	*Notochelys platynota*	Malayan flatshell terrapin	Vulnerable	Endangered	Yes	Restricted and Rare	Native	Yes	No	
60	Homalopsidae	*Homalopsis buccata*	Puff-faced water snake	Least Concern	Vulnerable	Yes	Widespread but Uncommon	Native	Yes	No	
61	Pareidae	*Pareas margaritophorus*	White-spotted slug snake	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
62	Pythonidae	*Malayopython reticulatus*	Reticulated python	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
63	Scincidae	*Dasia grisea*	Brown tree skink	Not Assessed	Endangered	Yes	Restricted and Rare	Native	Yes	No	
64	Scincidae	*Dasia olivacea*	Olive tree skink	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No	
65	Scincidae	*Eutropis multifasciata*	Many-lined sun skink	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
66	Scincidae	*Eutropis rugiferus*	Striped sun skink	Not Assessed	Endangered	Yes	Restricted and Rare	Native	Yes	No	
67	Scincidae	*Lipinia vittigera*	Striped tree skink	Not Assessed	Endangered	Yes	Restricted and Rare	Native	Yes	No	
68	Trionychidae	*Amyda cartilaginea*	Asian softshell turtle	Vulnerable	Endangered	Yes	Restricted and Uncommon	Native	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution/Rarity (Baker & Lim, 2012)	Native status (Baker & Lim, 2012)	Probable species	Recorded species	Remarks
69	Trionychidae	*Dogania subplana*	Malayan forest softshell turtle	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
70	Typhlopidae	*Argyrophis muelleri*	White-bellied blind snake	Least Concern	Critically Endangered	Yes	Widespread but Rare	Native	Yes	No	
71	Typhlopidae	*Indotyphlops braminus*	Brahminy blind snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
72	Varanidae	*Varanus nebulosus*	Clouded monitor	Not Assessed	Not Assessed	No	Restricted but Common	Native	Yes	Yes	Also recorded from camera trap
73	Varanidae	*Varanus salvator*	Malayan water monitor	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Also recorded from camera trap
74	Viperidae	*Tropidolaemus wagleri*	Wagler's pit viper	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	Yes	
75	Xenopeltidae	*Xenopeltis unicolor*	Iridescent earth snake	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution /Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
1	Acanthizidae	*Gerygone sulphurea*	Golden-bellied gerygone	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
2	Accipitridae	*Accipiter gularis*	Japanese sparrowhawk	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	
3	Accipitridae	*Accipiter soloensis*	Chinese sparrowhawk	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
4	Accipitridae	*Accipiter trivirgatus*	Crested goshawk	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
5	Accipitridae	*Aviceda jerdoni*	Jerdon's baza	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
6	Accipitridae	*Aviceda leuphotes*	Black baza	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	
7	Accipitridae	*Butastur indicus*	Grey-faced buzzard	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
8	Accipitridae	*Buteo buteo*	Common buzzard	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
9	Accipitridae	*Circaetus gallicus*	Short-toed snake eagle	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
10	Accipitridae	*Gyps himalayensis*	Himalayan vulture	Near Threatened	Not Assessed	No	Rare	Accidental visitor	Yes	No	
11	Accipitridae	*Haliaeetus ichthyaetus*	Grey-headed fish eagle	Near Threatened	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
12	Accipitridae	*Haliaeetus leucogaster*	White-bellied sea eagle	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
13	Accipitridae	*Haliastur indus*	Brahminy kite	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
14	Accipitridae	*Hieraaetus pennatus*	Booted eagle	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
15	Accipitridae	*Lophotriorchis kienerii*	Rufous-bellied hawk-eagle	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No	
16	Accipitridae	*Macheiramphus alcinus*	Bat hawk	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution /Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
17	Accipitridae	*Nisaetus cirrhatus*	Changeable hawk-eagle	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	Recorded only on camera trap (Camphora, 2020)
18	Accipitridae	*Pernis ptilorhynchus*	Crested honey-buzzard	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant/non-breeding visitor	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
19	Accipitridae	*Spilornis cheela*	Crested serpent eagle	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
20	Acrocephalidae	*Acrocephalus bistrigiceps*	Black-browed reed warbler	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
21	Acrocephalidae	*Acrocephalus orientalis*	Oriental reed warbler	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
22	Aegithinidae	*Aegithina tiphia*	Common iora	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
23	Alcedinidae	*Alcedo atthis*	Common kingfisher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
24	Alcedinidae	*Alcedo meninting*	Blue-eared kingfisher	Least Concern	Critically Endangered	Yes	Rare	Resident breeder	Yes	No	Recorded by Ang et al. (2020)
25	Alcedinidae	*Ceyx erithaca*	Oriental dwarf kingfisher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
26	Alcedinidae	*Halcyon coromanda*	Ruddy kingfisher	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	No	
27	Alcedinidae	*Halcyon smyrnensis*	White-throated kingfisher	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
28	Alcedinidae	*Pelargopsis capensis*	Stork-billed kingfisher	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
29	Alcedinidae	*Todiramphus chloris*	Collared kingfisher	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	
30	Apodidae	*Aerodramus fuciphagus*	Edible-nest swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded as "Aerodramus germani" in BKSR survey (ESC, 2020)
31	Apodidae	*Aerodramus maximus*	Black-nest swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
	Apodidae	*Aerodramus* sp.	Swiftlet	N.A	N.A	N.A	N.A	N.A	N.A	Yes	

S/N	Family name	Scientific name	Common name	Global status (IUCN, 2012)	National status (Davison et al. 2008)	Species of conservation significance	Distribution /Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native status (NSS, 2020; Singapore Birds Project, 2020)	Probable species	Recorded species	Remarks
32	Apodidae	*Apus nipalensis*	House swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
33	Apodidae	*Apus pacificus*	Pacific swift	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
34	Apodidae	*Collocalia affinis*	Plume-toed swiftlet	Not Assessed	Not Assessed	Yes	Uncommon	Resident breeder	Yes	Yes	
35	Apodidae	*Cypsiurus balasiensis*	Asian palm swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
36	Apodidae	*Hirundapus caudacutus*	White-throated needletail	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
37	Apodidae	*Hirundapus cochinchinensis*	Silver-backed needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
38	Apodidae	*Hirundapus giganteus*	Brown-backed needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
39	Apodidae	*Rhaphidura leucopygialis*	Silver-rumped spinetail	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No	
40	Ardeidae	*Ardeola bacchus*	Chinese pond heron	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	
41	Ardeidae	*Ardeola speciosa*	Javan pond heron	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
42	Ardeidae	*Bubulcus coromandus*	Eastern cattle egret	Least Concern	Not Assessed	No	Common	Winter visitor/ntroduced resident, breeding not proven	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
43	Ardeidae	*Butorides striata*	Striated heron	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	No	
44	Ardeidae	*Gorsachius melanolophus*	Malayan night heron	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	
45	Ardeidae	*Ixobrychus cinnamomeus*	Cinnamon bittern	Least Concern	Not Assessed	No	Uncommon	Resident breeder/winter visitor	Yes	No	
46	Ardeidae	*Ixobrychus eurhythmus*	Von Schrenck's bittern	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
47	Ardeidae	*Ixobrychus flavicollis*	Black bittern	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
48	Ardeidae	*Ixobrychus sinensis*	Yellow bittern	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes	

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49	Ardeidae	*Nycticorax nycticorax*	Black-crowned night heron	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
50	Bucerotidae	*Anthracoceros albirostris*	Oriental pied hornbill	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
51	Cacatuidae	*Cacatua goffiniana*	Tanimbar corella	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes	No	
52	Cacatuidae	*Cacatua sulphurea*	Yellow-crested cockatoo	Critically Endangered	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	No	
53	Campephagidae	*Coracina fimbriata*	Lesser cuckooshrike	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
54	Campephagidae	*Lalage nigra*	Pied triller	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
55	Campephagidae	*Pericrocotus divaricatus*	Ashy minivet	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
56	Campephagidae	*Pericrocotus speciosus*	Scarlet minivet	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
57	Caprimulgidae	*Caprimulgus jotaka*	Grey nightjar	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
58	Caprimulgidae	*Caprimulgus macrurus*	Large-tailed nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
59	Chloropseidae	*Chloropsis cochinchinensis*	Blue-winged leafbird	Least Concern	Not Assessed	No	Common	Resident, breeding not proven	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
60	Chloropseidae	*Chloropsis cyanopogon*	Lesser green leafbird	Near Threatened	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes	No	
61	Chloropseidae	*Chloropsis sonnerati*	Greater green leafbird	Endangered	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes	No	
	Chloropseidae	*Chloropsis* sp.	Leafbird	N.A	N.A	N.A	N.A	N.A	N.A	Yes	

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62	Cisticolidae	*Orthotomus atrogularis*	Dark-necked tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
63	Cisticolidae	*Orthotomus ruficeps*	Ashy tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
64	Cisticolidae	*Orthotomus sericeus*	Rufous-tailed tailorbird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
65	Cisticolidae	*Orthotomus sutorius*	Common tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
66	Columbidae	*Chalcophaps indica*	Common emerald dove	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
67	Columbidae	*Columba livia*	Rock dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	No	
68	Columbidae	*Ducula aenea*	Green imperial pigeon	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
69	Columbidae	*Ducula badia*	Mountain imperial pigeon	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No	
70	Columbidae	*Ducula bicolor*	Pied imperial pigeon	Least Concern	Not Assessed	No	Uncommon	Resident breeder/winter visitor	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
71	Columbidae	*Geopelia striata*	Zebra dove	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
72	Columbidae	*Ptilinopus jambu*	Jambu fruit dove	Near Threatened	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No	
73	Columbidae	*Spilopelia chinensis*	Spotted dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	
74	Columbidae	*Treron curvirostra*	Thick-billed green pigeon	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
75	Columbidae	*Treron olax*	Little green pigeon	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
76	Columbidae	*Treron vernans*	Pink-necked green pigeon	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	Yes	
77	Coraciidae	*Eurystomus orientalis*	Oriental dollarbird	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)

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78	Corvidae	*Corvus macrorhynchos*	Large-billed crow	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
79	Corvidae	*Corvus splendens*	House crow	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
80	Cuculidae	*Cacomantis merulinus*	Plaintive cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
81	Cuculidae	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
82	Cuculidae	*Cacomantis sonneratii*	Banded bay cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
83	Cuculidae	*Centropus sinensis*	Greater coucal	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
84	Cuculidae	*Chrysococcyx xanthorhynchus*	Violet cuckoo	Least Concern	Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	No	
85	Cuculidae	*Clamator coromandus*	Chestnut-winged cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
86	Cuculidae	*Cuculus micropterus*	Indian cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
87	Cuculidae	*Eudynamys scolopaceus*	Asian koel	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes	
88	Cuculidae	*Hierococcyx fugax*	Malaysian hawk-cuckoo	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No	
89	Cuculidae	*Hierococcyx nisicolor*	Hodgson's hawk cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
90	Cuculidae	*Hierococcyx sparverioides*	Large hawk-cuckoo	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
91	Cuculidae	*Phaenicophaeus sumatranus*	Chestnut-bellied malkoha	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
92	Cuculidae	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	Yes	
93	Dicaeidae	*Dicaeum agile*	Thick-billed flowerpecker	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No	

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94	Dicaeidae	*Dicaeum chrysorrheum*	Yellow-vented flowerpecker	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
95	Dicaeidae	*Dicaeum cruentatum*	Scarlet-backed flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
96	Dicaeidae	*Dicaeum trigonostigma*	Orange-bellied flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
97	Dicruridae	*Dicrurus annectans*	Crow-billed drongo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
98	Dicruridae	*Dicrurus paradiseus*	Greater racket-tailed drongo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
99	Estrildidae	*Lonchura punctulata*	Scaly-breasted munia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
100	Eurostopididae	*Lyncornis temminckii*	Malaysian eared nightjar	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
101	Falconidae	*Falco peregrinus*	Peregrine falcon	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
102	Falconidae	*Falco severus*	Oriental hobby	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
103	Hemiprocnidae	*Hemiprocne comata*	Whiskered treeswift	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No	
104	Hemiprocnidae	*Hemiprocne longipennis*	Grey-rumped treeswift	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
105	Hirundinidae	*Cecropis daurica*	Red-rumped swallow	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
106	Hirundinidae	*Delichon dasypus*	Asian house martin	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
107	Hirundinidae	*Hirundo rustica*	Barn swallow	Least Concern	Not Assessed	No	Abundant	Winter visitor/passage migrant	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
108	Hirundinidae	*Hirundo tahitica*	Pacific swallow	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
109	Irenidae	*Irena puella*	Asian fairy-bluebird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)

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110	Laniidae	*Lanius cristatus*	Brown shrike	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	
111	Laniidae	*Lanius tigrinus*	Tiger shrike	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
112	Leiothrichidae	*Garrulax leucolophus*	White-crested laughingthrush	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes	No	
113	Megalaimidae	*Psilopogon haemacephalus*	Coppersmith barbet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
114	Megalaimidae	*Psilopogon lineatus*	Lineated barbet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	
115	Megalaimidae	*Psilopogon rafflesii*	Red-crowned barbet	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
116	Meropidae	*Merops philippinus*	Blue-tailed bee-eater	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
117	Meropidae	*Merops viridis*	Blue-throated bee-eater	Least Concern	Not Assessed	No	Common	Migrant breeder	Yes	Yes	
118	Monarchidae	*Hypothymis azurea*	Black-naped monarch	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
119	Monarchidae	*Terpsiphone affinis*	Blyth's paradise flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
120	Monarchidae	*Terpsiphone atrocaudata*	Japanese paradise flycatcher	Near Threatened	Not Assessed	No	Rare	Passage migrant	Yes	No	
121	Monarchidae	*Terpsiphone incei*	Amur paradise flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No	
122	Monarchidae	*Terpsiphone paradisi*	Indian paradise flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
123	Motacillidae	*Anthus rufulus*	Paddyfield pipit	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
124	Motacillidae	*Dendronanthus indicus*	Forest wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
125	Motacillidae	*Motacilla cinerea*	Grey wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	

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126	Muscicapidae	*Copsychus malabaricus*	White-rumped shama	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
127	Muscicapidae	*Copsychus saularis*	Oriental magpie-robin	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
128	Muscicapidae	*Cyanoptila cumatilis*	Zappey's flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
129	Muscicapidae	*Cyanoptila cyanomelana*	Blue-and-white flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No	
130	Muscicapidae	*Cyornis brunneatus*	Brown-chested jungle flycatcher	Vulnerable	Not Assessed	Yes	Uncommon	Winter visitor/passage migrant	Yes	No	
131	Muscicapidae	*Cyornis glaucicomans*	Chinese blue flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
	Muscicapidae	*Cyornis* sp.	Flycatcher	N.A	N.A	N.A	N.A	N.A	N.A	Yes	
132	Muscicapidae	*Ficedula albicilla*	Taiga flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
133	Muscicapidae	*Ficedula elisae*	Green-backed flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	
134	Muscicapidae	*Ficedula mugimaki*	Mugimaki flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No	
135	Muscicapidae	*Ficedula narcissina*	Narcissus flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
136	Muscicapidae	*Ficedula zanthopygia*	Yellow-rumped flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
137	Muscicapidae	*Larvivora cyane*	Siberian blue robin	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
138	Muscicapidae	*Muscicapa dauurica*	Asian brown flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
139	Muscicapidae	*Muscicapa ferruginea*	Ferruginous flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
140	Muscicapidae	*Muscicapa griseisticta*	Grey-streaked flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No	
141	Muscicapidae	*Muscicapa sibirica*	Dark-sided flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)

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142	Muscicapidae	*Muscicapa williamsoni*	Brown-streaked flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No	
143	Nectariniidae	*Aethopyga siparaja*	Crimson sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
144	Nectariniidae	*Anthreptes malacensis*	Brown-throated sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
145	Nectariniidae	*Anthreptes simplex*	Plain sunbird	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
146	Nectariniidae	*Arachnothera chrysogenys*	Yellow-eared spiderhunter	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
147	Nectariniidae	*Arachnothera crassirostris*	Thick-billed spiderhunter	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No	
148	Nectariniidae	*Arachnothera longirostra*	Little spiderhunter	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
149	Nectariniidae	*Cinnyris jugularis*	Olive-backed sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
150	Nectariniidae	*Leptocoma brasiliana*	Van Hasselt's sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
151	Oriolidae	*Oriolus chinensis*	Black-naped oriole	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
152	Passeridae	*Passer montanus*	Eurasian tree sparrow	Least Concern	Not Assessed	No	Common	Resident breeder/introduced?	Yes	No	
153	Pellorneidae	*Malacocincla abbotti*	Abbott's babbler	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
154	Pellorneidae	*Pellorneum malaccense*	Short-tailed babbler	Near Threatened	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
155	Phasianidae	*Gallus gallus*	Red junglefowl	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
156	Phasianidae	*Gallus gallus (domestic)*	Domestic chicken	Not Assessed	Not Assessed	No	N/A	Introduced	Yes	Yes	

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157	Phylloscopidae	*Phylloscopus borealis*	Arctic warbler	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
158	Phylloscopidae	*Phylloscopus borealoides*	Sakhalin leaf warbler	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	Yes	
159	Phylloscopidae	*Phylloscopus coronatus*	Eastern crowned warbler	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
160	Phylloscopidae	*Phylloscopus inornatus*	Yellow-browed warbler	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	
161	Picidae	*Chrysophlegma miniaceum*	Banded woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
162	Picidae	*Dinopium javanense*	Common flameback	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
163	Picidae	*Micropternus brachyurus*	Rufous woodpecker	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
164	Picidae	*Picus vittatus*	Laced woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
165	Picidae	*Yungipicus moluccensis*	Sunda pygmy woodpecker	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	No	
166	Pittidae	*Pitta moluccensis*	Blue-winged pitta	Least Concern	Not Assessed	Yes	Uncommon	Migrant breeder/winter visitor/passage migrant	Yes	Yes	
167	Pittidae	*Pitta nympha*	Fairy pitta	Vulnerable	Not Assessed	Yes	Rare	Accidental visitor	Yes	No	
168	Pittidae	*Pitta sordida*	Hooded pitta	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
169	Ploceidae	*Ploceus philippinus*	Baya weaver	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
170	Psittaculidae	*Eos bornea*	Red lory	Least Concern	N.A	No	N.A	Introduced	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
171	Psittaculidae	*Loriculus galgulus*	Blue-crowned hanging-parrot	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes	
172	Psittaculidae	*Psittacula alexandri*	Red-breasted parakeet	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes	No	
173	Psittaculidae	*Psittacula krameri*	Rose-ringed parakeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	

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174	Psittaculidae	*Psittacula longicauda*	Long-tailed parakeet	Vulnerable	Not Assessed	Yes	Common	Resident breeder	Yes	Yes	
175	Psittaculidae	*Psittinus cyanurus*	Blue-rumped parrot	Near Threatened	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes	No	Recorded in original worksite area (ESC, 2020)
176	Psittaculidae	*Trichoglossus haematodus*	Coconut lorikeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	
177	Pycnonotidae	*Hemixos cinereus*	Cinereous bulbul	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No	
178	Pycnonotidae	*Brachypodius melanocephalos*	Black-headed bulbul	Least Concern	Critically Endangered	Yes	Rare	Resident breeder	Yes	No	
179	Pycnonotidae	*Pycnonotus brunneus*	Asian red-eyed bulbul	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
180	Pycnonotidae	*Rubigula flaviventris*	Black-crested bulbul	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes	
181	Pycnonotidae	*Pycnonotus goiavier*	Yellow-vented bulbul	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	
182	Pycnonotidae	*Pycnonotus jocosus*	Red-whiskered bulbul	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
183	Pycnonotidae	*Microtarsus melanoleucos*	Black-and-white bulbul	Near Threatened	Not Assessed	No	Rare	Non-breeding visitor	Yes	No	
184	Pycnonotidae	*Pycnonotus plumosus*	Olive-winged bulbul	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
185	Pycnonotidae	*Pycnonotus simplex*	Cream-vented bulbul	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
186	Pycnonotidae	*Pycnonotus zeylanicus*	Straw-headed bulbul	Critically Endangered	Endangered	Yes	Uncommon	Resident breeder	Yes	No	
187	Rallidae	*Amaurornis phoenicurus*	White-breasted waterhen	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes	
188	Rallidae	*Rallina eurizonoides*	Slaty-legged crake	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	

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189	Rallidae	*Rallina fasciata*	Red-legged crake	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder/winter visitor	Yes	Yes	
190	Rhipiduridae	*Rhipidura javanica*	Malaysian pied fantail	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	
191	Strigidae	*Bubo sumatranus*	Barred eagle-owl	Least Concern	Not Assessed	No	Rare	Resident breeder	Yes	No	
192	Strigidae	*Ketupa ketupu*	Buffy fish owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	Recorded in original worksite area (ESC, 2020)
193	Strigidae	*Ninox scutulata*	Brown hawk-owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
194	Strigidae	*Otus lempiji*	Sunda scops owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
195	Strigidae	*Otus sunia*	Oriental scops owl	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No	
196	Strigidae	*Strix seloputo*	Spotted wood owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No	
197	Sturnidae	*Acridotheres javanicus*	Javan myna	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes	
198	Sturnidae	*Acridotheres tristis*	Common myna	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
199	Sturnidae	*Agropsar sturninus*	Daurian starling	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes	
200	Sturnidae	*Aplonis panayensis*	Asian glossy starling	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	
201	Sturnidae	*Gracula religiosa*	Common hill myna	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes	
202	Sturnidae	*Sturnia sinensis*	White-shouldered starling	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No	
203	Tephrodornithidae	*Tephrodornis virgatus*	Large woodshrike	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No	
204	Timaliidae	*Mixornis gularis*	Pin-striped tit-babbler	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	

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205	Timaliidae	*Cyanoderma erythropterum*	Chestnut-winged babbler	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	No	Recorded in past studies (Ang et al., 2020; ESC, 2020; ERM, 2016)
206	Turdidae	*Geokichla citrina*	Orange-headed thrush	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No	
207	Turdidae	*Turdus obscurus*	Eyebrowed thrush	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No	
208	Tytonidae	*Tyto javanica*	Eastern barn owl	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No	
209	Zosteropidae	*Zosterops simplex*	Swinhoe's white-eye	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes	

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1	Canidae	*Canis lupus familiaris*	Feral dog	Not Assessed	Not Assessed	No	N.A	Non-native	Yes	Yes	
2	Cercopithecidae	*Macaca fascicularis*	Long-tailed macaque	Vulnerable	Not Assessed	Yes	Widespread and Common	Native	Yes	Yes	
3	Cercopithecidae	*Presbytis femoralis femoralis*	Raffles' banded langur	Near Threatened	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	Recorded in past studies (Ang et al., 2020)
4	Cercopithecidae	*Trachypithecus obscurus*	Dusky langur	Near Threatened	Not Assessed	No	N.A	N.A	Yes	No	
5	Cervidae	*Rusa unicolor*	Sambar	Not Assessed	Not Assessed	No	N.A	Introduced	Yes	No	Recorded in worksite area (Ang et al., 2020)
6	Cynocephalidae	*Galeopterus variegatus*	Malayan colugo	Least Concern	Not Assessed	Yes	Restricted but Common	Native	Yes	Yes	
7	Felidae	*Felis catus*	Feral cat	Not Assessed	Not Assessed	No	N.A	Non-native	Yes	Yes	
8	Loridae	*Nycticebus coucang*	Sunda slow loris	Vulnerable	Critically Endangered	Yes	Restricted and Rare	Native	Yes	Yes	
9	Manidae	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Yes	Widespread but Rare	Native	Yes	Yes	Recorded on camera trap
10	Muridae	*Maxomys rajah*	Rajah spiny rat	Vulnerable	Endangered	Yes	Restricted and Rare	Native	Yes	No	
11	Muridae	*Mus castaneus*	House mouse	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
12	Muridae	*Rattus annandalei*	Annandale's rat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes	
13	Muridae	*Rattus exulans*	Polynesian rat	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	
14	Muridae	*Rattus norvegicus*	Brown rat	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No	
15	Muridae	*Rattus tanezumi*	Oriental house rat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded in past studies (Ang et al., 2020; ESC,
16	Muridae	*Rattus tiomanicus*	Malaysian wood rat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded in past studies (Ang et al., 2020; ESC,
17	Sciuridae	*Callosciurus notatus*	Plantain squirrel	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	

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18	Sciuridae	*Iomys horsfieldii*	Horsfield's flying squirrel	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	Yes	
19	Sciuridae	*Sundasciurus tenuis*	Slender squirrel	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes	
20	Soricidae	*Suncus murinus*	House shrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
21	Suidae	*Sus scrofa*	Wild pig	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
22	Tragulidae	*Tragulus kanchil*	Lesser mousedeer	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	Yes	Recorded on camera trap
23	Tupaiidae	*Tupaia glis*	Common treeshrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
24	Viverridae	*Paradoxurus musangus*	Common palm civet	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes	

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1	Emballonuridae	*Saccolaimus saccolaimus*	Pouch-bearing bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded from acoustic sampling and in past studies (ESC, 2020; ERM, 2016)
2	Emballonuridae	*Taphozous melanopogon*	Black-bearded tomb bat	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No	
3	Molossidae	*Cheiromeles torquatus*	Naked bulldog bat	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
4	Nycteridae	*Nycteris tragata*	Southeast Asian hollow-faced bat	Near Threatened	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
5	Pteropodidae	*Cynopterus brachyotis*	Lesser dog-faced fruit bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	
6	Pteropodidae	*Eonycteris spelaea*	Cave nectar bat	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	
7	Pteropodidae	*Pteropus vampyrus*	Large flying fox	Near Threatened	Not Assessed	No	N.A	Visitor	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
8	Rhinolophidae	*Rhinolophus lepidus*	Glossy horseshoe bat	Least Concern	Not Assessed	Yes	Restricted but Common	Native	Yes	Yes	Recorded from acoustic sampling
9	Rhinolophidae	*Rhinolophus trifoliatus*	Trefoil horseshoe bat	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
10	Vespertilionidae	*Kerivoula hardwickii*	Hardwicke's woolly bat	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
11	Vespertilionidae	*Myotis 'adversus'*	Grey large-footed myotis	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	
12	Vespertilionidae	*Myotis muricola*	Whiskered myotis	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded from acoustic sampling and in past studies (ESC, 2020; ERM, 2016)
13	Vespertilionidae	*Pipistrellus javanicus*	Javan pipistrelle	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)
14	Vespertilionidae	*Scotophilus kuhlii*	Asiatic lesser yellow house bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes	Recorded from acoustic sampling and in past studies (ESC, 2020; ERM, 2016)
15	Vespertilionidae	*Tylonycteris fulvida*	Lesser bamboo bat	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No	
16	Vespertilionidae	*Tylonycteris malayana*	Greater bamboo bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No	Recorded in past studies (ESC, 2020; ERM, 2016)

Appendix I1

Faunal Survey Data for Eng Neo Avenue Forest

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
19-Nov-19	1.33773	103.79993	NA	830	Roadkill Oligodon octolineatus	1	Seen	Incidental	Roadkill
16-Dec-19	1.33881	103.80157	ENW_A1_06	2027-	Barbodes rhombeus	2	Seen	Point count	NA
16-Dec-19	1.33932	103.80270	ENW_A1_05	2106-	Barbodes rhombeus	2	Seen	Point count	NA
16-Dec-19	1.34000	103.80277	ENW_A1_04	2143-	Barbodes rhombeus	2	Seen	Point count	NA
16-Dec-19	1.34108	103.80256	ENW_A1_03	2216-	Barbodes rhombeus	6	Seen	Point count	NA
16-Dec-19	1.34108	103.80256	ENW_A1_03	2216-	Barbodes rhombeus	2	Seen	Point count	NA
16-Dec-19	1.34037	103.80274	ENW_T2_06	2158	Bronchocela cristatella	1	Seen	Targeted	NA
16-Dec-19	1.33857	103.80141	ENW_T2_03	2205	Bronchocela cristatella	1	Seen	Incidental	NA
16-Dec-19	1.34231	103.80214	ENW_T2_09	2243	Bronchocela cristatella	1	Seen	Targeted	NA
16-Dec-19	1.33830	103.80080	ENW_T2_02	1955	Chalcophaps indica	1	Seen	Incidental	NA
16-Dec-19	1.34231	103.80214	ENW_T2_09	2251	Channa striata	3	Seen	Incidental	NA
16-Dec-19	1.34108	103.80256	ENW_A1_03	2216-	Channa striata	1	Seen	Point count	NA
16-Dec-19	1.34108	103.80256	ENW_A1_03	2216-	Channa striata	2	Seen	Point count	NA
16-Dec-19	1.33961	103.80282	ENW_T2_05	2135	Clarias cf. batrachus	1	Seen	Incidental	NA
16-Dec-19	1.34000	103.80277	ENW_A1_04	2143-	Clarias sp.	1	Seen	Point count	NA
16-Dec-19	1.34090	103.80251	ENW_T2_07	2210	Dendrelaphis pictus	1	Seen	Targeted	NA
16-Dec-19	1.34284	103.80192	ENW_T2_09	2255	Dendrelaphis pictus	1	Seen	Targeted	NA
16-Dec-19	1.34290	103.80175	ENW_T2_10	2255	Dendrelaphis pictus	1	Seen	Targeted	NA
16-Dec-19	1.33885	103.80154	ENW_T2_03	2019	Eleutherodactylus planirostris	5	Heard	Incidental	NA
16-Dec-19	1.33902	103.80302	ENW_T2_05	2126	Eleutherodactylus planirostris	2	Heard	Targeted	NA
16-Dec-19	1.33960	103.80284	ENW_T2_05	2131	Eleutherodactylus planirostris	2	Heard	Targeted	NA
16-Dec-19	1.34010	103.80248	ENW_T2_06	2154	Eleutherodactylus planirostris	2	Heard	Targeted	NA
16-Dec-19	1.34079	103.80261	ENW_T2_07	2204	Eleutherodactylus planirostris	2	Heard	Targeted	NA
16-Dec-19	1.33881	103.80157	ENW_A1_06	2040	Limnonectes blythii	2	Seen	Point count	NA
16-Dec-19	1.33857	103.80141	ENW_T2_03	2032	Limnonectes blythii	1	Seen	Incidental	NA
16-Dec-19	1.33907	103.80188	ENW_T2_03	2046	Limnonectes blythii	1	Seen	Incidental	NA
16-Dec-19	1.34079	103.80261	ENW_T2_07	2204	Limnonectes sp.	1	Seen	Targeted	NA
16-Dec-19	1.34108	103.80256	ENW_A1_03	2216-	Microhyla butleri	1	Seen	Point count	NA
16-Dec-19	1.33857	103.80141	ENW_T2_03	2205	Microhyla heymonsi	10	Heard	Incidental	NA
16-Dec-19	1.34108	103.80256	ENW_A1_03	2216-	Monopterus javanensis	1	Seen	Point count	NA
16-Dec-19	1.33961	103.80282	ENW_T2_05	2135	Otus lempiji	1	Heard	Incidental	NA
16-Dec-19	1.33881	103.80157	ENW_A1_06	2027-	Poecilia reticulata	35	Seen	Point count	NA
16-Dec-19	1.33932	103.80270	ENW_A1_05	2106-	Poecilia reticulata	4	Seen	Point count	NA
16-Dec-19	1.34000	103.80277	ENW_A1_04	2143-	Poecilia reticulata	8	Seen	Point count	NA
16-Dec-19	1.34108	103.80256	ENW_A1_03	2216-	Poecilia reticulata	3	Seen	Point count	NA
16-Dec-19	1.34108	103.80256	ENW_A1_03	2216-	Poecilia reticulata	2	Seen	Point count	NA
16-Dec-19	1.34324	103.80153	ENW_A1_01	2305-	Poecilia reticulata	200	Seen	Point count	NA
16-Dec-19	1.33927	103.80282	ENW_T2_05	2108	Rallina fasciata	1	Heard	Incidental	NA
16-Dec-19	1.33920	103.80239	ENW_T2_04	2057	Rattus tanezumi	1	Seen	Incidental	NA
16-Dec-19	1.33990	103.80276	ENW_T2_05	2152	Unidentified Ardeidae	1	Seen	Incidental	Heron sp
17-Dec-19	1.33881	103.80156	ENW_FT_01	857	Barbodes rhombeus	2	Caught	Trapping	NA
17-Dec-19	1.33999	103.80276	ENW_A1_04	0927-	Barbodes rhombeus	1	Seen	Point count	NA
17-Dec-19	1.34201	103.80228	ENW_T2_08	953	Copera marginipes	2	Seen	Incidental	NA
17-Dec-19	1.34233	103.80231	ENW_A1_02	0955-	Copera marginipes	1	Seen	Point count	NA
17-Dec-19	1.34034	103.80272	ENW_T2_06	936	Neurothemis fluctuans	1	Seen	Incidental	NA
17-Dec-19	1.33881	103.80157	ENW_A1_06	0851-	Poecilia reticulata	2	Seen	Point count	NA
17-Dec-19	1.33932	103.80270	ENW_A1_05	0912-	Poecilia reticulata	14	Seen	Point count	NA
17-Dec-19	1.33999	103.80276	ENW_A1_04	0927-	Poecilia reticulata	6	Seen	Point count	NA
17-Dec-19	1.34108	103.80256	ENW_A1_03	0943-	Poecilia reticulata	2	Seen	Point count	NA
17-Dec-19	1.33931	103.80269	ENW_FT_02	910	Trichopsis vittata	2	Caught	Trapping	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Acridotheres javanicus	2	Heard	Targeted	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Acridotheres javanicus	3	Seen	Targeted	NA
18-Dec-19	1.34103	103.80243	ENW_T2_07	833	Aegithina tiphia	1	Heard	Targeted	NA
18-Dec-19	1.34278	103.80183	ENW_T2_09	859	Ahaetulla prasina	1	Seen	Targeted	NA
18-Dec-19	1.34038	103.80273	ENW_T2_06	825	Amaurornis phoenicurus	1	Heard	Targeted	NA
18-Dec-19	1.34150	103.80241	ENW_T2_08	839	Amaurornis phoenicurus	1	Heard	Targeted	NA
18-Dec-19	1.34275	103.80180	ENW_T2_09	902	Aviceda leuphotes	1	Seen	Targeted	NA
18-Dec-19	1.33905	103.80189	ENW_T2_03	752	Cacatua goffiniana	2	Heard	Targeted	Flying overhead
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Callosciurus notatus	1	Seen	Targeted	NA
18-Dec-19	1.33922	103.80233	ENW_T2_04	758	Callosciurus notatus	1	Seen	Targeted	NA
18-Dec-19	1.33929	103.80250	ENW_T2_04	800	Callosciurus notatus	1	Seen	Targeted	NA
18-Dec-19	1.34026	103.80267	ENW_T2_06	821	Callosciurus notatus	1	Seen	Targeted	NA
18-Dec-19	1.34229	103.80218	ENW_T2_09	848	Callosciurus notatus	1	Seen	Targeted	NA
18-Dec-19	1.33995	103.80169	ENW_T1_13	919	Caprimulgus sp.	1	Seen	Incidental	NA
18-Dec-19	1.34150	103.80241	ENW_T2_08	839	Centropus sinensis	1	Heard	Targeted	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Chrysophlegma miniaceum	2	Heard	Targeted	NA
18-Dec-19	1.34103	103.80243	ENW_T2_07	833	Chrysophlegma miniaceum	1	Seen	Targeted	NA
18-Dec-19	1.34103	103.80243	ENW_T2_07	833	Chrysophlegma miniaceum	1	Heard	Targeted	NA
18-Dec-19	1.34248	103.80212	ENW_T2_09	854	Copera marginipes	2	Seen	Incidental	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Dicaeum cruentatum	1	Heard	Targeted	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Dicrurus paradiseus	1	Heard	Targeted	NA
18-Dec-19	1.34038	103.80273	ENW_T2_06	825	Dicrurus paradiseus	2	Heard	Targeted	NA
18-Dec-19	1.33883	103.80168	ENW_T2_03	749	Dinopium javanense	1	Heard	Targeted	NA
18-Dec-19	1.34085	103.80251	ENW_T2_07	831	Dinopium javanense	1	Seen	Targeted	Female
18-Dec-19	1.34229	103.80218	ENW_T2_09	848	Dinopium javanense	1	Heard	Targeted	NA
18-Dec-19	1.33859	103.80141	ENW_T2_03	744	Eudynamys scolopaceus	1	Heard	Targeted	NA
18-Dec-19	1.34068	103.80273	ENW_T2_07	828	Eurema hecabe contubernalis	1	Seen	Incidental	NA
18-Dec-19	1.33843	103.80113	ENW_T2_02	740	Eurema sari sodalis	1	Seen	Incidental	NA
18-Dec-19	1.34038	103.80273	ENW_T2_06	825	Eurystomus orientalis	1	Seen	Targeted	NA
18-Dec-19	1.33929	103.80250	ENW_T2_04	800	Gallus gallus	1	Seen	Targeted	NA
18-Dec-19	1.34229	103.80218	ENW_T2_09	848	Gallus gallus	1	Heard	Targeted	NA
18-Dec-19	1.34318	103.80145	ENW_T2_10	905	Gracula religiosa	2	Seen	Targeted	Flew out from tree
18-Dec-19	1.33859	103.80141	ENW_T2_03	744	Loriculus galgulus	1	Heard	Targeted	NA
18-Dec-19	1.33957	103.80279	ENW_T2_05	810	Loriculus galgulus	1	Heard	Targeted	NA
18-Dec-19	1.34183	103.80245	ENW_T2_08	844	Mixornis gularis	3	Heard	Targeted	NA
18-Dec-19	1.34112	103.80244	ENW_T2_07	837	Merops viridis	2	Seen	Targeted	NA
18-Dec-19	1.34318	103.80145	ENW_T2_10	905	Microhyla butleri	1	Seen	Targeted	NA
18-Dec-19	1.34229	103.80218	ENW_T2_09	848	Muscicapa dauurica	1	Heard	Targeted	NA
18-Dec-19	1.33957	103.80279	ENW_T2_05	810	Nisaetus cirrhatus	1	Heard	Targeted	Dark morph

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Oriolus chinensis	1	Seen	Targeted	NA
18-Dec-19	1.33922	103.80233	ENW_T2_04	758	Oriolus chinensis	1	Heard	Targeted	NA
18-Dec-19	1.34085	103.80251	ENW_T2_07	831	Oriolus chinensis	1	Seen	Targeted	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Orthotomus sutorius	1	Heard	Targeted	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Pericrocotus divaricatus	1	Heard	Targeted	NA
18-Dec-19	1.33809	103.79986	ENW_T1_16	926	Pernis ptilorhynchus	2	Seen	Incidental	NA
18-Dec-19	1.34229	103.80218	ENW_T2_09	848	Phylloscopus borealis	1	Heard	Targeted	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Picus vittatus	1	Seen	Targeted	Male
18-Dec-19	1.33883	103.80168	ENW_T2_03	749	Picus vittatus	1	Heard	Targeted	NA
18-Dec-19	1.34031	103.80270	ENW_T2_06	822	Picus vittatus	1	Heard	Targeted	NA
18-Dec-19	1.34068	103.80273	ENW_T2_07	828	Picus vittatus	1	Seen	Targeted	Female
18-Dec-19	1.34038	103.80273	ENW_T2_06	825	Psilopogon lineatus	1	Seen	Targeted	NA
18-Dec-19	1.34112	103.80244	ENW_T2_07	837	Psilopogon lineatus	2	Heard	Targeted	NA
18-Dec-19	1.34026	103.80267	ENW_T2_06	821	Psittacula alexandri	4	Seen	Targeted	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	728	Psittacula longicauda	1	Heard	Targeted	NA
18-Dec-19	1.33872	103.80163	ENW_T2_03	747	Psittacula longicauda	1	Heard	Targeted	NA
18-Dec-19	1.34085	103.80251	ENW_T2_07	831	Psittacula longicauda	1	Seen	Targeted	NA
18-Dec-19	1.34318	103.80145	ENW_T2_10	905	Pycnonotus goiavier	1	Seen	Targeted	Juvenile
18-Dec-19	1.34318	103.80145	ENW_T2_10	905	Pycnonotus zeylanicus	1	Heard	Targeted	NA
18-Dec-19	1.33914	103.80073	ENW_T1_14	922	Pycnonotus zeylanicus	1	Heard	Incidental	NA
18-Dec-19	1.33826	103.80000	ENW_T1_16	725	Unidentified_Apodidae	1	Seen	Targeted	NA
18-Dec-19	1.34112	103.80244	ENW_T2_07	837	Unidentified_Apodidae	3	Seen	Targeted	NA
18-Dec-19	1.34183	103.80245	ENW_T2_08	844	Unidentified_Sciuridae	1	Seen	Targeted	NA
18-Dec-19	1.34103	103.80243	ENW_T2_07	833	Zosterops simplex	12	Heard	Targeted	NA
21-Dec-19	1.34132	103.80107	ENW_T1_11	936	Acisoma panorpoides	1	Seen	Incidental	NA
21-Dec-19	1.34294	103.80143	ENW_T2_10	1006	Acisoma panorpoides	1	Seen	Targeted	NA
21-Dec-19	1.34295	103.80176	ENW_T2_10	1022	Acisoma panorpoides	1	Seen	Targeted	NA
21-Dec-19	1.34293	103.80183	ENW_T2_09	1023	Acisoma panorpoides	4	Seen	Targeted	NA
21-Dec-19	1.34190	103.80237	ENW_T2_08	1056	Acisoma panorpoides	1	Seen	Targeted	NA
21-Dec-19	1.34293	103.80139	ENW_T2_10	1008	Ampittia dioscorides camertes	1	Seen	Targeted	NA
21-Dec-19	1.34300	103.80144	ENW_T2_10	1012	Ampittia dioscorides camertes	1	Seen	Targeted	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Brachydiplax chalybea	2	Seen	Point count	NA
21-Dec-19	1.34219	103.80075	ENW_T1_10	944	Caltoris cormasa	1	Seen	Incidental	NA
21-Dec-19	1.34308	103.80105	ENW_T1_09	949	Caltoris cormasa	1	Seen	Incidental	NA
21-Dec-19	1.34253	103.80201	ENW_T2_09	1038	Caltoris cormasa	1	Seen	Targeted	NA
21-Dec-19	1.34054	103.80272	ENW_T2_06	1114	Caltoris cormasa	1	Seen	Targeted	NA
21-Dec-19	1.34322	103.80119	ENW_T1_08	950	Camacinia gigantea	1	Seen	Incidental	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Camacinia gigantea	1	Seen	Point count	NA
21-Dec-19	1.34315	103.80148	ENW_T2_10	1003	Catopsilia pomona pomona	1	Seen	Targeted	NA
21-Dec-19	1.34202	103.80234	ENW_T2_08	1050	Ceriagrion chaoi	1	Seen	Targeted	NA
21-Dec-19	1.34242	103.80210	ENW_T2_09	1039	Copera marginipes	1	Seen	Targeted	NA
21-Dec-19	1.34203	103.80230	ENW_T2_08	1047	Copera marginipes	2	Seen	Targeted	NA
21-Dec-19	1.34193	103.80241	ENW_T2_08	1052	Copera marginipes	1	Seen	Targeted	NA
21-Dec-19	1.34315	103.80148	ENW_T2_10	1003	Crocothemis servilia	2	Seen	Targeted	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Crocothemis servilia	2	Seen	Point count	NA
21-Dec-19	1.34162	103.80076	ENW_T1_10	938	Dendrelaphis pictus	1	Seen	Incidental	NA
21-Dec-19	1.34233	103.80213	ENW_T2_09	1043	Elymnias hypermnestra agina	1	Seen	Targeted	NA
21-Dec-19	1.34288	103.80167	ENW_T2_10	1019	Elymnias panthera panthera	1	Seen	Targeted	NA
21-Dec-19	1.33856	103.80029	ENW_T1_15	913	Euchrysops cneius cneius	1	Seen	Incidental	NA
21-Dec-19	1.34315	103.80148	ENW_T2_10	1003	Euchrysops cneius cneius	1	Seen	Targeted	NA
21-Dec-19	1.34293	103.80139	ENW_T2_10	1009	Euchrysops cneius cneius	3	Seen	Targeted	NA
21-Dec-19	1.34288	103.80167	ENW_T2_10	1018	Euchrysops cneius cneius	1	Seen	Targeted	NA
21-Dec-19	1.34293	103.80183	ENW_T2_09	1023	Euchrysops cneius cneius	3	Seen	Targeted	NA
21-Dec-19	1.34190	103.80237	ENW_T2_08	1053	Euchrysops cneius cneius	1	Seen	Targeted	NA
21-Dec-19	1.34137	103.80235	ENW_T2_07	1101	Euchrysops cneius cneius	4	Seen	Targeted	NA
21-Dec-19	1.33879	103.80059	ENW_T1_15	916	Eurema hecabe contubernalis	1	Seen	Incidental	NA
21-Dec-19	1.34293	103.80151	ENW_T2_10	1010	Eurema hecabe contubernalis	1	Seen	Targeted	NA
21-Dec-19	1.34293	103.80139	ENW_T2_10	1009	Eurema sp.	1	Seen	Targeted	NA
21-Dec-19	1.34276	103.80199	ENW_T2_09	1031	Eurema sp.	1	Seen	Targeted	NA
21-Dec-19	1.34193	103.80241	ENW_T2_08	1052	Eurema sp.	1	Seen	Targeted	NA
21-Dec-19	1.34054	103.80272	ENW_T2_06	1114	Eurema sp.	1	Seen	Targeted	NA
21-Dec-19	1.33857	103.80139	ENW_T2_03	1146	Eurema sp.	1	Seen	Targeted	NA
21-Dec-19	1.33827	103.80001	ENW_T2_01	1154	Eurema sp.	1	Seen	Targeted	NA
21-Dec-19	1.34191	103.80068	ENW_T1_10	941	Iambrix salsala salsala	1	Seen	Incidental	NA
21-Dec-19	1.34292	103.80176	ENW_T2_10	1020	Iambrix salsala salsala	1	Seen	Targeted	NA
21-Dec-19	1.34170	103.80243	ENW_T2_08	1057	Iambrix salsala salsala	1	Seen	Targeted	NA
21-Dec-19	1.34137	103.80235	ENW_T2_07	1101	Iambrix salsala salsala	1	Seen	Targeted	NA
21-Dec-19	1.34054	103.80272	ENW_T2_06	1114	Iambrix salsala salsala	1	Seen	Targeted	NA
21-Dec-19	1.34185	103.80065	ENW_T1_10	941	Ideopsis vulgaris macrina	1	Seen	Incidental	NA
21-Dec-19	1.34088	103.80149	ENW_T1_12	934	Jamides celeno aelianus	1	Seen	Incidental	NA
21-Dec-19	1.34333	103.80161	ENW_T2_10	1002	Lampides boeticus	1	Seen	Targeted	NA
21-Dec-19	1.33879	103.80059	ENW_T1_15	918	Lathrecista asiatica	1	Seen	Incidental	NA
21-Dec-19	1.34110	103.80242	ENW_T2_07	1108	Miletus sp.	1	Seen	Targeted	NA
21-Dec-19	1.34190	103.80237	ENW_T2_08	1056	Moduza procris milonia	1	Seen	Targeted	NA
21-Dec-19	1.34270	103.80107	ENW_T1_09	946	Mycalesis mineus macromalayana	1	Seen	Incidental	NA
21-Dec-19	1.34315	103.80148	ENW_T2_10	1003	Mycalesis mineus macromalayana	1	Seen	Targeted	NA
21-Dec-19	1.34295	103.80176	ENW_T2_10	1021	Mycalesis mineus macromalayana	1	Seen	Targeted	NA
21-Dec-19	1.34108	103.80247	ENW_T2_07	1108	Mycalesis mineus macromalayana	1	Seen	Targeted	NA
21-Dec-19	1.34095	103.80255	ENW_T2_07	1109	Mycalesis mineus macromalayana	1	Seen	Targeted	NA
21-Dec-19	1.34288	103.80167	ENW_T2_10	1016	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
21-Dec-19	1.34242	103.80210	ENW_T2_09	1040	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
21-Dec-19	1.34095	103.80255	ENW_T2_07	1111	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
21-Dec-19	1.33857	103.80147	ENW_T2_03	1136	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
21-Dec-19	1.33858	103.80137	ENW_T2_03	1137	Mycalesis visala phamis	1	Seen	Targeted	NA
21-Dec-19	1.33858	103.80039	ENW_T1_15	926	Neptis hylas papaja	1	Seen	Incidental	NA
21-Dec-19	1.34291	103.80161	ENW_T2_10	1015	Neptis hylas papaja	1	Seen	Targeted	NA
21-Dec-19	1.34295	103.80176	ENW_T2_10	1022	Neptis hylas papaja	2	Seen	Targeted	NA
21-Dec-19	1.34253	103.80201	ENW_T2_09	1038	Neptis hylas papaja	1	Seen	Targeted	NA
21-Dec-19	1.34095	103.80255	ENW_T2_07	1111	Neptis hylas papaja	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
21-Dec-19	1.34300	103.80144	ENW_T2_10	1014	Neurothemis fluctuans	1	Seen	Targeted	NA
21-Dec-19	1.34287	103.80193	ENW_T2_09	1027	Neurothemis fluctuans	1	Seen	Targeted	NA
21-Dec-19	1.34276	103.80199	ENW_T2_09	1031	Neurothemis fluctuans	1	Seen	Targeted	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Neurothemis fluctuans	3	Seen	Point count	NA
21-Dec-19	1.34276	103.80199	ENW_T2_09	1031	Orthetrum chrysis	1	Seen	Targeted	NA
21-Dec-19	1.34253	103.80201	ENW_T2_09	1035	Orthetrum chrysis	1	Seen	Targeted	NA
21-Dec-19	1.33856	103.80029	ENW_T1_15	912	Orthetrum luzonicum	1	Seen	Incidental	NA
21-Dec-19	1.33856	103.80029	ENW_T1_15	913	Orthetrum luzonicum	1	Seen	Incidental	NA
21-Dec-19	1.34160	103.80243	ENW_T2_08	1059	Orthetrum luzonicum	1	Seen	Targeted	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Orthetrum sabina	1	Seen	Point count	NA
21-Dec-19	1.34287	103.80193	ENW_T2_09	1027	Orthotomus ruficeps	1	Seen	Incidental	Feeding on butterfly
21-Dec-19	1.34294	103.80143	ENW_T2_10	1006	Pantala flavescens	2	Seen	Targeted	NA
21-Dec-19	1.34266	103.80203	ENW_T2_09	1033	Papilio polytes romulus	1	Seen	Targeted	NA
21-Dec-19	1.34295	103.80176	ENW_T2_10	1022	Pelopidas mathias mathias	1	Seen	Targeted	NA
21-Dec-19	1.33765	103.79983	NA	845	Pericrocotus divaricatus	2	Seen	Incidental	NA
21-Dec-19	1.33867	103.80130	ENW_T2_02	1139	Pernis ptilorhynchus	1	Seen	Incidental	Feeding on Apis dorsata
21-Dec-19	1.34336	103.80158	ENW_T2_10	1000	Potanthus omaha omaha	2	Seen	Targeted	Mating
21-Dec-19	1.33856	103.80029	ENW_T1_15	910	Rhipidura javanica	1	Heard	Incidental	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Rhodothemis rufa	1	Seen	Point count	NA
21-Dec-19	1.34294	103.80143	ENW_T2_10	1006	Rhyothemis phyllis	30	Seen	Targeted	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Rhyothemis phyllis	2	Seen	Point count	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Rhyothemis triangularis	1	Seen	Point count	NA
21-Dec-19	1.34266	103.80203	ENW_T2_09	1034	Tanaecia iapis puseda	1	Seen	Targeted	NA
21-Dec-19	1.34027	103.80267	ENW_T2_06	1119	Telicota besta bina	2	Seen	Targeted	NA
21-Dec-19	1.34061	103.80264	ENW_T2_06	1113	Telicota colon stinga	1	Seen	Targeted	NA
21-Dec-19	1.34054	103.80272	ENW_T2_06	1115	Telicota colon stinga	1	Seen	Targeted	NA
21-Dec-19	1.34203	103.80230	ENW_T2_08	1047	Tholymis tillarga	1	Seen	Targeted	NA
21-Dec-19	1.34324	103.80153	ENW_A1_01	0952-	Tramea transmarina	2	Seen	Point count	NA
21-Dec-19	1.33821	103.79989	ENW_T1_16	1154	Tupaia glis	1	Seen	Incidental	NA
21-Dec-19	1.34255	103.80097	ENW_T1_09	945	Ypthima horsfieldii humei	1	Seen	Incidental	NA
21-Dec-19	1.34288	103.80167	ENW_T2_10	1018	Ypthima horsfieldii humei	1	Seen	Targeted	NA
21-Dec-19	1.34095	103.80255	ENW_T2_07	1109	Ypthima horsfieldii humei	1	Seen	Targeted	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Acridotheres javanicus	8	Seen	Targeted	NA
30-Dec-19	1.34572	103.79817	ENW_T1_01	821	Acridotheres javanicus	1	Heard	Targeted	NA
30-Dec-19	1.34546	103.79819	ENW_T1_01	825	Acridotheres javanicus	1	Seen	Targeted	NA
30-Dec-19	1.34507	103.79913	ENW_T1_03	856	Acridotheres javanicus	1	Seen	Targeted	NA
30-Dec-19	1.34446	103.79921	ENW_T1_04	901	Acridotheres javanicus	2	Heard	Targeted	NA
30-Dec-19	1.34393	103.80055	ENW_T1_06	913	Acridotheres javanicus	1	Heard	Targeted	NA
30-Dec-19	1.34285	103.80111	ENW_T1_09	933	Acridotheres javanicus	2	Heard	Targeted	NA
30-Dec-19	1.34064	103.80167	ENW_T1_12	943	Acridotheres javanicus	2	Heard	Targeted	NA
30-Dec-19	1.34005	103.80161	ENW_T1_13	945	Acridotheres javanicus	2	Seen	Targeted	NA
30-Dec-19	1.33929	103.80088	ENW_T1_14	949	Acridotheres javanicus	1	Seen	Targeted	NA
30-Dec-19	1.34546	103.79819	ENW_T1_01	825	Aegithina tiphia	1	Heard	Targeted	NA
30-Dec-19	1.34167	103.80080	ENW_T1_10	937	Aegithina tiphia	1	Heard	Targeted	NA
30-Dec-19	1.34097	103.80152	ENW_T1_12	942	Aegithina tiphia	2	Heard	Targeted	NA
30-Dec-19	1.34236	103.80094	ENW_T1_09	935	Aerodramus sp.	5	Seen	Targeted	NA
30-Dec-19	1.33974	103.80146	ENW_T1_13	947	Aerodramus sp.	3	Seen	Targeted	NA
30-Dec-19	1.34599	103.79812	ENW_T1_01	816	Aethopyga siparaja	1	Heard	Targeted	NA
30-Dec-19	1.34390	103.80045	ENW_T1_06	918	Agrionopotera insignis	1	Seen	Incidental	NA
30-Dec-19	1.34133	103.80119	ENW_T1_11	939	Anthreptes malacensis	1	Heard	Targeted	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Aplonis panayensis	14	Seen	Targeted	NA
30-Dec-19	1.34590	103.79819	ENW_T1_01	817	Aplonis panayensis	2	Heard	Targeted	NA
30-Dec-19	1.34393	103.80055	ENW_T1_06	912	Aplonis panayensis	4	Seen	Targeted	NA
30-Dec-19	1.34337	103.80143	ENW_T1_08	928	Aplonis panayensis	6	Seen	Targeted	NA
30-Dec-19	1.34536	103.79690	NA	803	Aviceda leuphotes	1	Seen	Incidental	NA
30-Dec-19	1.34536	103.79690	NA	707	Cacomantis sepulcralis	1	Heard	Incidental	NA
30-Dec-19	1.34409	103.80014	ENW_T1_06	908	Callosciurus notatus	1	Seen	Targeted	NA
30-Dec-19	1.33953	103.80125	ENW_T1_14	948	Callosciurus notatus	4	Seen	Targeted	NA
30-Dec-19	1.34546	103.79819	ENW_T1_01	826	Chrysophlegma miniaceum	1	Heard	Targeted	NA
30-Dec-19	1.34309	103.80108	ENW_T1_08	932	Dicaeum sp.	1	Heard	Targeted	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Dicrurus paradiseus	1	Heard	Targeted	NA
30-Dec-19	1.34568	103.79909	ENW_T1_03	847	Dicrurus paradiseus	1	Heard	Targeted	NA
30-Dec-19	1.34437	103.80008	ENW_T1_05	907	Dicrurus paradiseus	1	Seen	Targeted	NA
30-Dec-19	1.34599	103.79812	ENW_T1_01	816	Dinopium javanense	1	Heard	Targeted	NA
30-Dec-19	1.34554	103.79898	ENW_T1_03	850	Dinopium javanense	1	Seen	Targeted	NA
30-Dec-19	1.34520	103.79915	ENW_T1_03	854	Eooxylides tharis distanti	1	Seen	Incidental	NA
30-Dec-19	1.34154	103.80094	ENW_T1_11	938	Eurystomus orientalis	1	Heard	Targeted	NA
30-Dec-19	1.33929	103.80088	ENW_T1_14	949	Gallus gallus	1	Heard	Targeted	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Garrulax leucolophus	1	Heard	Targeted	NA
30-Dec-19	1.34561	103.79839	ENW_T1_01	829	Garrulax leucolophus	2	Heard	Targeted	NA
30-Dec-19	1.34568	103.79909	ENW_T1_03	847	Garrulax leucolophus	2	Heard	Targeted	NA
30-Dec-19	1.34455	103.79953	ENW_T1_05	903	Garrulax leucolophus	3	Seen	Targeted	NA
30-Dec-19	1.34553	103.79828	ENW_T1_01	827	Gracula religiosa	1	Heard	Targeted	NA
30-Dec-19	1.34536	103.79690	NA	740	Hemiprocne longipennis	2	Seen	Incidental	NA
30-Dec-19	1.34463	103.79977	ENW_T1_05	906	Hypolimnas bolina bolina	1	Seen	Incidental	NA
30-Dec-19	1.34566	103.79818	ENW_T1_01	822	Loriculus galgulus	1	Heard	Targeted	NA
30-Dec-19	1.34604	103.79887	ENW_T1_02	844	Loriculus galgulus	1	Heard	Targeted	NA
30-Dec-19	1.34393	103.80025	ENW_T1_06	909	Loriculus galgulus	2	Seen	Targeted	NA
30-Dec-19	1.34167	103.80080	ENW_T1_10	937	Loriculus galgulus	1	Heard	Targeted	NA
30-Dec-19	1.34005	103.80161	ENW_T1_13	945	Loriculus galgulus	1	Heard	Targeted	NA
30-Dec-19	1.34599	103.79812	ENW_T1_01	815	Mixornis gularis	2	Seen	Targeted	NA
30-Dec-19	1.34587	103.79869	ENW_T1_02	833	Mixornis gularis	1	Heard	Targeted	NA
30-Dec-19	1.34571	103.79855	ENW_T1_01	830	Merops sp.	1	Heard	Targeted	NA
30-Dec-19	1.34125	103.80132	ENW_T1_11	940	Merops sp.	1	Heard	Targeted	NA
30-Dec-19	1.34586	103.79873	ENW_T1_02	834	Oriolus chinensis	1	Heard	Targeted	NA
30-Dec-19	1.34533	103.79904	ENW_T1_03	852	Oriolus chinensis	2	Seen	Targeted	NA
30-Dec-19	1.34446	103.79921	ENW_T1_04	901	Oriolus chinensis	1	Heard	Targeted	NA
30-Dec-19	1.34285	103.80111	ENW_T1_09	933	Oriolus chinensis	1	Heard	Targeted	NA
30-Dec-19	1.34224	103.80083	ENW_T1_10	936	Oriolus chinensis	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
30-Dec-19	1.34133	103.80119	ENW_T1_11	939	Orsotriaena medus cinerea	1	Seen	Incidental	NA
30-Dec-19	1.34559	103.79814	ENW_T1_01	823	Orthotomus atrogularis	1	Heard	Targeted	NA
30-Dec-19	1.34005	103.80161	ENW_T1_13	945	Orthotomus sericeus	1	Heard	Targeted	NA
30-Dec-19	1.34005	103.80161	ENW_T1_13	946	Parantica aglea aglea aglea	1	Seen	Incidental	NA
30-Dec-19	1.34580	103.79858	ENW_T1_01	832	Pericrocotus divaricatus	1	Heard	Targeted	NA
30-Dec-19	1.34486	103.79908	ENW_T1_04	858	Pericrocotus divaricatus	1	Heard	Targeted	NA
30-Dec-19	1.34463	103.79977	ENW_T1_05	906	Pericrocotus divaricatus	1	Heard	Targeted	NA
30-Dec-19	1.33929	103.80088	ENW_T1_14	949	Pericrocotus divaricatus	1	Heard	Targeted	NA
30-Dec-19	1.34571	103.79855	ENW_T1_01	830	Phylloscopus borealis	1	Heard	Targeted	NA
30-Dec-19	1.34583	103.79866	ENW_T1_02	840	Phylloscopus borealis	1	Heard	Targeted	NA
30-Dec-19	1.34554	103.79898	ENW_T1_03	850	Phylloscopus borealis	1	Heard	Targeted	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Psilopogon haemacephalus	1	Seen	Targeted	NA
30-Dec-19	1.34154	103.80094	ENW_T1_11	938	Psilopogon haemacephalus	1	Heard	Targeted	NA
30-Dec-19	1.34469	103.79916	ENW_T1_04	859	Psilopogon lineatus	1	Heard	Targeted	NA
30-Dec-19	1.34393	103.80025	ENW_T1_06	909	Psilopogon lineatus	2	Seen	Targeted	NA
30-Dec-19	1.34300	103.80111	ENW_T1_09	932	Psilopogon lineatus	1	Seen	Targeted	NA
30-Dec-19	1.33929	103.80088	ENW_T1_14	949	Psilopogon lineatus	1	Heard	Targeted	NA
30-Dec-19	1.33782	103.79986	ENW_T1_16	1003	Psilopogon lineatus	1	Heard	Targeted	NA
30-Dec-19	1.34590	103.79819	ENW_T1_01	817	Psittacula longicauda	2	Heard	Targeted	NA
30-Dec-19	1.34553	103.79828	ENW_T1_01	827	Psittacula longicauda	6	Heard	Targeted	NA
30-Dec-19	1.34525	103.79909	ENW_T1_03	853	Psittacula longicauda	2	Heard	Targeted	NA
30-Dec-19	1.34446	103.79921	ENW_T1_04	901	Psittacula longicauda	5	Seen	Targeted	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Pycnonotus goiavier	2	Seen	Targeted	NA
30-Dec-19	1.34388	103.80065	ENW_T1_06	915	Pycnonotus goiavier	1	Heard	Targeted	NA
30-Dec-19	1.34005	103.80161	ENW_T1_13	945	Pycnonotus goiavier	1	Heard	Targeted	NA
30-Dec-19	1.34599	103.79812	ENW_T1_01	815	Pycnonotus plumosus	1	Heard	Targeted	NA
30-Dec-19	1.34611	103.79867	ENW_T1_02	842	Pycnonotus plumosus	1	Heard	Targeted	NA
30-Dec-19	1.34393	103.80055	ENW_T1_06	912	Pycnonotus plumosus	1	Heard	Targeted	NA
30-Dec-19	1.34590	103.79819	ENW_T1_01	817	Pycnonotus zeylanicus	1	Heard	Targeted	NA
30-Dec-19	1.34337	103.80143	ENW_T1_08	927	Pycnonotus zeylanicus	1	Heard	Targeted	NA
30-Dec-19	1.34064	103.80167	ENW_T1_12	943	Scat_Paradoxurus musangus	1	Seen	Targeted	Scat
30-Dec-19	1.33854	103.80032	ENW_T1_15	954	Surendra vivarna amisena	1	Seen	Incidental	NA
30-Dec-19	1.34536	103.79690	NA	752	Treron curvirostra	1	Seen	Incidental	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Treron curvirostra	1	Seen	Targeted	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Treron vernans	1	Seen	Targeted	NA
30-Dec-19	1.34614	103.79808	ENW_T1_01	808	Treron vernans	2	Seen	Targeted	NA
30-Dec-19	1.34324	103.80103	ENW_T1_07	931	Treron vernans	2	Seen	Targeted	NA
30-Dec-19	1.34125	103.80132	ENW_T1_11	940	Treron vernans	1	Seen	Targeted	NA
30-Dec-19	1.34005	103.80161	ENW_T1_13	944	Trichoglossus haematodus	4	Seen	Targeted	NA
30-Dec-19	1.34577	103.79879	ENW_T1_02	838	Zosterops simplex	3	Heard	Targeted	NA
30-Dec-19	1.34384	103.80034	ENW_T1_06	911	Zosterops simplex	2	Heard	Targeted	NA
30-Dec-19	1.33854	103.80032	ENW_T1_15	957	Zosterops simplex	2	Heard	Targeted	NA
3-Jan-20	1.34542	103.79815	ENW_T1_01	830	Footprints_Sus scrofa	NA	Seen	Incidental	Signs: Print
3-Jan-20	1.34395	103.80019	ENW_T1_06	1000	Varanus sp.	1	Seen	Targeted	NA
6-Jan-20	1.33861	103.79994	ENW_BT_04	1130	Elymnias hypermnestra agina	5	Caught	Trapping	NA
6-Jan-20	1.33861	103.79994	ENW_BT_04	1130	Elymnias hypermnestra agina	5	Seen	Trapping	Banana Bait
6-Jan-20	1.33861	103.79994	ENW_BT_04	1130	Mycalesis mineus macromalayana	1	Caught	Trapping	NA
6-Jan-20	1.33861	103.79994	ENW_BT_04	1130	Mycalesis mineus macromalayana	1	Seen	Trapping	Banana Bait
6-Jan-20	1.34611	103.79871	ENW_T1_02	1100	Unidentified_Theclinae	1	Seen	Incidental	Photo too blur. Looks like
10-Jan-20	1.34306	103.80104	ENW_T1_09	1021	Acisoma panorpoides	1	Seen	Targeted	NA
10-Jan-20	1.34279	103.80105	ENW_T1_09	1024	Acisoma panorpoides	1	Seen	Targeted	NA
10-Jan-20	1.34239	103.80090	ENW_T1_09	1027	Acisoma panorpoides	1	Seen	Targeted	NA
10-Jan-20	1.34204	103.80063	ENW_T1_10	1031	Acisoma panorpoides	1	Seen	Targeted	NA
10-Jan-20	1.34188	103.80064	ENW_T1_10	1034	Acisoma panorpoides	1	Seen	Targeted	NA
10-Jan-20	1.34164	103.80077	ENW_T1_10	1037	Acisoma panorpoides	1	Seen	Targeted	NA
10-Jan-20	1.33916	103.80069	ENW_T1_14	1050	Agrionoptera insignis	1	Seen	Targeted	NA
10-Jan-20	1.34398	103.80014	ENW_T1_06	1005	Amathusia phidippus phidippus	1	Seen	Incidental	NA
10-Jan-20	1.34170	103.80073	ENW_T1_10	1036	Camacinia gigantea	1	Seen	Targeted	NA
10-Jan-20	1.34279	103.80105	ENW_T1_09	1024	Ceriagrion cerinorubellum	1	Seen	Targeted	NA
10-Jan-20	1.34306	103.80104	ENW_T1_09	1021	Crocothemis servilia	6	Seen	Targeted	NA
10-Jan-20	1.34585	103.79860	ENW_T1_02	920	Gynacantha subinterrupta	1	Seen	Targeted	NA
10-Jan-20	1.34398	103.80014	ENW_T1_06	1005	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Jan-20	1.34279	103.80105	ENW_T1_09	1024	Neurothemis fluctuans	7	Seen	Targeted	NA
10-Jan-20	1.34220	103.80070	ENW_T1_10	1029	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Jan-20	1.34188	103.80064	ENW_T1_10	1034	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Jan-20	1.34164	103.80077	ENW_T1_10	1037	Neurothemis fluctuans	2	Seen	Targeted	NA
10-Jan-20	1.34143	103.80103	ENW_T1_11	1039	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Jan-20	1.34279	103.80105	ENW_T1_09	1024	Orthetrum chrysis	5	Seen	Targeted	NA
10-Jan-20	1.33936	103.80094	ENW_T1_14	1049	Orthetrum luzonicum	1	Seen	Targeted	NA
10-Jan-20	1.34306	103.80104	ENW_T1_09	1021	Orthetrum sabina	2	Seen	Targeted	NA
10-Jan-20	1.34462	103.79979	ENW_T1_05	1002	Rhyothemis phyllis	2	Seen	Targeted	NA
10-Jan-20	1.34306	103.80104	ENW_T1_09	1021	Rhyothemis phyllis	2	Seen	Targeted	NA
10-Jan-20	1.34239	103.80090	ENW_T1_09	1027	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Jan-20	1.34188	103.80064	ENW_T1_10	1034	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Jan-20	1.34170	103.80073	ENW_T1_10	1036	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Jan-20	1.34049	103.80161	ENW_T1_12	1043	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Jan-20	1.33936	103.80094	ENW_T1_14	1049	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Jan-20	1.33789	103.79982	ENW_T1_16	1131	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Jan-20	1.34204	103.80063	ENW_T1_10	1031	Rhyothemis triangularis	1	Seen	Targeted	NA
10-Jan-20	1.34188	103.80064	ENW_T1_10	1034	Rhyothemis triangularis	1	Seen	Targeted	NA
10-Jan-20	1.34049	103.80161	ENW_T1_12	1043	Rhyothemis triangularis	1	Seen	Targeted	NA
10-Jan-20	1.33996	103.80150	ENW_T1_13	1046	Rhyothemis triangularis	1	Seen	Targeted	NA
10-Jan-20	1.34462	103.79979	ENW_T1_05	1002	Tholymis tillarga	2	Seen	Targeted	NA
10-Jan-20	1.34220	103.80070	ENW_T1_10	1029	Tholymis tillarga	3	Seen	Targeted	NA
10-Jan-20	1.34164	103.80077	ENW_T1_10	1037	Tholymis tillarga	1	Seen	Targeted	NA
10-Jan-20	1.34049	103.80161	ENW_T1_12	1043	Tholymis tillarga	1	Seen	Targeted	NA
10-Jan-20	1.33979	103.80136	ENW_T1_13	1047	Tholymis tillarga	1	Seen	Targeted	NA
10-Jan-20	1.33916	103.80069	ENW_T1_14	1050	Tholymis tillarga	1	Seen	Targeted	NA
10-Jan-20	1.34239	103.80090	ENW_T1_09	1027	Trithemis aurora	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
10-Jan-20	1.34143	103.80103	ENW_T1_11	1039	Troides helena cerberus	1	Seen	Incidental	NA
12-Jan-20	1.34302	103.80108	ENW_T1_09	1044	Acisoma panorpoides	1	Seen	Targeted	NA
12-Jan-20	1.34139	103.80109	ENW_T1_11	1100	Acraea terpsicore	2	Seen	Targeted	NA
12-Jan-20	1.34014	103.80161	ENW_T1_13	1110	Acraea terpsicore	2	Seen	Targeted	NA
12-Jan-20	1.33905	103.80069	ENW_T1_14	1123	Acraea terpsicore	1	Seen	Targeted	NA
12-Jan-20	1.33946	103.80104	ENW_T1_14	1119	Appias libythea olferna	1	Seen	Targeted	NA
12-Jan-20	1.34555	103.79828	ENW_T1_01	932	Burara etelka	1	Seen	Targeted	NA
12-Jan-20	1.34357	103.80125	ENW_T1_07	1031	Burara harisa consobrina	1	Seen	Targeted	NA
12-Jan-20	1.34605	103.79862	ENW_T1_02	938	Caltoris cormasa	1	Seen	Targeted	NA
12-Jan-20	1.34445	103.79923	ENW_T1_04	1012	Caltoris cormasa	1	Seen	Targeted	NA
12-Jan-20	1.33963	103.80130	ENW_T1_14	1118	Caltoris cormasa	1	Seen	Targeted	NA
12-Jan-20	1.34237	103.80086	ENW_T1_10	1052	Catopsilia pomona pomona	1	Seen	Targeted	NA
12-Jan-20	1.33905	103.80069	ENW_T1_14	1123	Catopsilia pomona pomona	1	Seen	Targeted	NA
12-Jan-20	1.34302	103.80108	ENW_T1_09	1044	Delias hyparete metarete	1	Seen	Targeted	NA
12-Jan-20	1.34093	103.80155	ENW_T1_12	1105	Delias hyparete metarete	1	Seen	Targeted	NA
12-Jan-20	1.33861	103.79994	ENW_BT_04	1134	Elymnias hypermnestra agina	6	Caught	Trapping	NA
12-Jan-20	1.33861	103.79994	ENW_BT_04	1134	Elymnias hypermnestra agina	6	Seen	Trapping	Banana Bait
12-Jan-20	1.33838	103.80004	ENW_T2_01	1131	Euchrysops cneius cneius	1	Seen	Targeted	NA
12-Jan-20	1.34517	103.79720	ENW_T1_01	921	Eurema sp.	2	Seen	Targeted	NA
12-Jan-20	1.34509	103.79912	ENW_T1_03	1001	Eurema sp.	1	Seen	Targeted	NA
12-Jan-20	1.34427	103.80000	ENW_T1_05	1018	Eurema sp.	1	Seen	Targeted	NA
12-Jan-20	1.34319	103.80142	ENW_T1_08	1038	Eurema sp.	1	Seen	Targeted	NA
12-Jan-20	1.34314	103.80101	ENW_T1_08	1042	Eurema sp.	2	Seen	Targeted	NA
12-Jan-20	1.34184	103.80066	ENW_T1_10	1056	Eurema sp.	1	Seen	Targeted	NA
12-Jan-20	1.34014	103.80161	ENW_T1_13	1110	Eurema sp.	3	Seen	Targeted	NA
12-Jan-20	1.33946	103.80104	ENW_T1_14	1119	Eurema sp.	1	Seen	Targeted	NA
12-Jan-20	1.33905	103.80069	ENW_T1_14	1123	Eurema sp.	2	Seen	Targeted	NA
12-Jan-20	1.34461	103.79987	ENW_T1_05	1017	Hypolimnas bolina bolina	1	Seen	Targeted	NA
12-Jan-20	1.33842	103.80015	ENW_T2_01	1130	Hypolimnas bolina jacintha	1	Seen	Targeted	NA
12-Jan-20	1.34605	103.79862	ENW_T1_02	944	Iambrix salsala salsala	1	Seen	Targeted	NA
12-Jan-20	1.34445	103.79923	ENW_T1_04	1012	Iambrix salsala salsala	1	Seen	Targeted	NA
12-Jan-20	1.34396	103.80016	ENW_T1_06	1019	Iambrix salsala salsala	1	Seen	Targeted	NA
12-Jan-20	1.34267	103.80107	ENW_T1_09	1047	Iambrix salsala salsala	1	Seen	Targeted	NA
12-Jan-20	1.33946	103.80104	ENW_T1_14	1119	Iambrix salsala salsala	1	Seen	Targeted	NA
12-Jan-20	1.34509	103.79912	ENW_T1_03	1001	Junonia hedonia ida	1	Seen	Targeted	NA
12-Jan-20	1.34139	103.80109	ENW_T1_11	1100	Junonia hedonia ida	1	Seen	Targeted	NA
12-Jan-20	1.34592	103.79779	ENW_T1_01	923	Junonia orithya wallacei	1	Seen	Targeted	Female
12-Jan-20	1.34093	103.80155	ENW_T1_12	1105	Mycalesis mineus macromalayana	1	Seen	Targeted	NA
12-Jan-20	1.34567	103.79844	ENW_T1_01	934	Mycalesis perseoides perseoides	4	Seen	Targeted	NA
12-Jan-20	1.34389	103.80029	ENW_T1_06	1021	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
12-Jan-20	1.34394	103.80051	ENW_T1_06	1023	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
12-Jan-20	1.33905	103.80069	ENW_T1_14	1123	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
12-Jan-20	1.34184	103.80066	ENW_T1_10	1056	Mycalesis sp.	1	Seen	Targeted	NA
12-Jan-20	1.34045	103.80162	ENW_T1_12	1107	Mycalesis sp.	1	Seen	Targeted	NA
12-Jan-20	1.34045	103.80162	ENW_T1_12	1107	Mycalesis sp.	1	Seen	Targeted	NA
12-Jan-20	1.34031	103.80161	ENW_T1_12	1109	Mycalesis sp.	1	Seen	Targeted	NA
12-Jan-20	1.33861	103.79994	ENW_BT_04	1134	Mycalesis sp.	1	Caught	Trapping	NA
12-Jan-20	1.33861	103.79994	ENW_BT_04	1134	Mycalesis sp.	1	Seen	Trapping	Banana Bait; flew away
12-Jan-20	1.34605	103.79862	ENW_T1_02	940	Mycalesis visala phamis	1	Seen	Targeted	NA
12-Jan-20	1.34348	103.80128	ENW_T1_08	1033	Mycalesis visala phamis	1	Seen	Targeted	NA
12-Jan-20	1.34344	103.80137	ENW_T1_08	1034	Mycalesis visala phamis	1	Seen	Targeted	NA
12-Jan-20	1.33946	103.80104	ENW_T1_14	1119	Mycalesis visala phamis	1	Seen	Targeted	NA
12-Jan-20	1.33905	103.80069	ENW_T1_14	1123	Mycalesis visala phamis	1	Seen	Targeted	NA
12-Jan-20	1.34319	103.80142	ENW_T1_08	1038	Nacaduba sp.	10	Seen	Targeted	NA
12-Jan-20	1.34319	103.80142	ENW_T1_08	1038	Neptis hylas papaja	2	Seen	Targeted	NA
12-Jan-20	1.34184	103.80066	ENW_T1_10	1056	Neptis hylas papaja	1	Seen	Targeted	NA
12-Jan-20	1.34157	103.80084	ENW_T1_11	1058	Neptis hylas papaja	1	Seen	Targeted	NA
12-Jan-20	1.34045	103.80162	ENW_T1_12	1107	Neptis hylas papaja	1	Seen	Targeted	NA
12-Jan-20	1.34244	103.80091	ENW_T1_09	1050	Nest_Tree Cavity	NA	Seen	Targeted	Treehole of
12-Jan-20	1.34509	103.79912	ENW_T1_03	1001	Oriens gola pseudolus	1	Seen	Targeted	NA
12-Jan-20	1.34408	103.80007	ENW_T1_06	1019	Pachliopta aristolochiae asteris	1	Seen	Targeted	NA
12-Jan-20	1.34567	103.79844	ENW_T1_01	934	Papilio polytes romulus	1	Seen	Targeted	NA
12-Jan-20	1.34613	103.79879	ENW_T1_02	945	Papilio polytes romulus	1	Seen	Targeted	NA
12-Jan-20	1.34509	103.79912	ENW_T1_03	1001	Papilio polytes romulus	2	Seen	Targeted	Female; male
12-Jan-20	1.34249	103.80097	ENW_T1_09	1049	Papilio polytes romulus	1	Seen	Targeted	NA
12-Jan-20	1.34514	103.79694	ENW_T1_01	920	Parantica agleoides agleoides	1	Seen	Targeted	NA
12-Jan-20	1.34014	103.80161	ENW_T1_13	1110	Parantica agleoides agleoides	1	Seen	Targeted	NA
12-Jan-20	1.34267	103.80107	ENW_T1_09	1047	Surendra vivarna amisena	1	Seen	Targeted	NA
12-Jan-20	1.34498	103.79922	ENW_T1_03	1007	Taractrocera archias quinta	1	Seen	Targeted	NA
12-Jan-20	1.34014	103.80161	ENW_T1_13	1114	Troides helena cerberus	1	Seen	Targeted	NA
12-Jan-20	1.34605	103.79862	ENW_T1_02	938	Tupaia glis	1	Seen	Incidental	NA
12-Jan-20	1.34511	103.79901	ENW_BT_01	1000	Unidentified_Erebidae	1	Caught	Trapping	Moth
12-Jan-20	1.34511	103.79901	ENW_BT_01	1000	Unidentified_Erebidae	1	Seen	Trapping	Banana Bait; no bait in
12-Jan-20	1.34567	103.79844	ENW_T1_01	934	Unidentified_Hesperiinae	1	Seen	Targeted	https://www.inaturalist.or
12-Jan-20	1.33861	103.79994	ENW_BT_04	1134	Unidentified_Nymphalidae	1	Caught	Trapping	NA
12-Jan-20	1.33861	103.79994	ENW_BT_04	1134	Unidentified_Nymphalidae	1	Seen	Trapping	Banana Bait
12-Jan-20	1.34517	103.79720	ENW_T1_01	921	Ypthima horsfieldii humei	1	Seen	Targeted	NA
12-Jan-20	1.34445	103.79923	ENW_T1_04	1012	Ypthima horsfieldii humei	2	Seen	Targeted	NA
12-Jan-20	1.34459	103.79976	ENW_T1_05	1016	Ypthima horsfieldii humei	1	Seen	Targeted	NA
12-Jan-20	1.34427	103.80000	ENW_T1_05	1018	Ypthima horsfieldii humei	2	Seen	Targeted	NA
12-Jan-20	1.34408	103.80007	ENW_T1_06	1019	Ypthima horsfieldii humei	1	Seen	Targeted	NA
12-Jan-20	1.34390	103.80055	ENW_T1_06	1024	Ypthima horsfieldii humei	1	Seen	Targeted	NA
12-Jan-20	1.34314	103.80101	ENW_T1_08	1042	Ypthima horsfieldii humei	1	Seen	Targeted	NA
12-Jan-20	1.33946	103.80104	ENW_T1_14	1119	Ypthima horsfieldii humei	2	Seen	Targeted	NA
12-Jan-20	1.34509	103.79912	ENW_T1_03	1001	Ypthima sp.	1	Seen	Targeted	NA
12-Jan-20	1.34267	103.80107	ENW_T1_09	1047	Ypthima sp.	1	Seen	Targeted	NA
15-Jan-20	1.33825	103.80005	ENW_T2_01	1937	Caprimulgus macrurus	2	Seen/Heard	Targeted	Seen 1, Heard 1
15-Jan-20	1.33811	103.80063	ENW_T2_01	1943	Caprimulgus macrurus	1	Heard	Targeted	NA
15-Jan-20	1.34286	103.80172	ENW_T2_10	2124	Caprimulgus macrurus	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
15-Jan-20	1.33889	103.80066	ENW_MN_02	2035	Cynopterus brachyotis	2	Caught	Trapping	Adult female
15-Jan-20	1.33889	103.80066	ENW_MN_02	2035	Cynopterus brachyotis	2	Caught	Trapping	Juvenile male
15-Jan-20	1.33864	103.80145	ENW_T2_03	1954	Dendrelaphis pictus	2	Seen	Incidental	NA
15-Jan-20	1.34035	103.80268	ENW_T2_06	2045	Dendrelaphis pictus	1	Seen	Incidental	NA
15-Jan-20	1.34161	103.80242	ENW_T2_08	2104	Dendrelaphis pictus	2	Seen	Incidental	NA
15-Jan-20	1.34286	103.80172	ENW_T2_10	2124	Dendrelaphis pictus	1	Seen	Incidental	NA
15-Jan-20	1.33889	103.80066	ENW_MN_02	2035	Eonycteris spelaea	1	Caught	Trapping	Adult male
15-Jan-20	1.33975	103.80142	ENW_T1_13	2147	Galeopterus variegatus	1	Seen	Incidental	On the way out. Rufous
15-Jan-20	1.34035	103.80268	ENW_T2_06	2048	Gekko monarchus	1	Seen	Incidental	NA
15-Jan-20	1.34209	103.80237	ENW_T2_08	2114	Muscicapa dauurica	1	Seen	Targeted	Sleeping.
15-Jan-20	1.33975	103.80142	ENW_T1_13	2147	Muscicapa dauurica	1	Seen	Incidental	Sleeping on branch, same
15-Jan-20	1.33914	103.80207	ENW_T2_04	2007	Otus lempiji	1	Heard	Targeted	NA
15-Jan-20	1.33813	103.80024	ENW_T2_01	1938	Rallina fasciata	1	Heard	Targeted	NA
15-Jan-20	1.33904	103.80190	ENW_T2_03	2005	Rallina fasciata	1	Heard	Targeted	NA
15-Jan-20	1.33971	103.80275	ENW_T2_05	2037	Rallina fasciata	1	Heard	Targeted	NA
15-Jan-20	1.34068	103.80266	ENW_T2_07	2051	Rallina fasciata	1	Heard	Targeted	NA
15-Jan-20	1.33924	103.80255	ENW_T2_04	2015	Rattus sp.	1	Seen	Targeted	NA
15-Jan-20	1.34547	103.79770	ENW_HT_03	2000	Rhinolophus lepidus	1	Caught	Trapping	Adult male
15-Jan-20	1.33906	103.80067	ENW_T1_14	2015	Rhinolophus lepidus	1	Acoustic	Acoustic	NA
15-Jan-20	1.34161	103.80242	ENW_T2_08	2104	Unidentified_Aeshnidae	1	Seen	Incidental	NA
15-Jan-20	1.33797	103.80055	ENW_T2_01	1941	Unidentified_Fruit bat	1	Seen	Targeted	Feeding
15-Jan-20	1.33811	103.80063	ENW_T2_01	1943	Unidentified_Fruit bat	1	Seen	Targeted	NA
15-Jan-20	1.33831	103.80089	ENW_T2_02	1945	Unidentified_Fruit bat	1	Seen	Targeted	NA
15-Jan-20	1.33844	103.80114	ENW_T2_02	1950	Unidentified_Fruit bat	1	Seen	Targeted	NA
15-Jan-20	1.34137	103.80242	ENW_T2_07	2100	Unidentified_Fruit bat	1	Seen	Targeted	NA
15-Jan-20	1.33765	103.79979	NA	1939	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_193903.wav
15-Jan-20	1.33855	103.80146	ENW_T2_03	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195912.wav
15-Jan-20	1.33864	103.80148	ENW_T2_03	2000	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_200051.wav
20-Jan-20	1.34615	103.79863	ENW_T1_02	2035	Ahaetulla prasina	1	Seen	Targeted	NA
20-Jan-20	1.34366	103.80083	ENW_T1_07	2146	Ahaetulla prasina	1	Seen	Targeted	NA
20-Jan-20	1.34360	103.80117	ENW_T1_07	2150	Ahaetulla prasina	1	Seen	Targeted	NA
20-Jan-20	1.34311	103.80101	ENW_T1_08	2210	Ahaetulla prasina	1	Seen	Targeted	NA
20-Jan-20	1.34273	103.80102	ENW_T1_09	2212	Ahaetulla prasina	1	Seen	Targeted	NA
20-Jan-20	1.33920	103.80072	ENW_T1_14	2245	Ahaetulla prasina	1	Seen	Targeted	NA
20-Jan-20	1.33876	103.80057	ENW_T1_15	2250	Ahaetulla prasina	1	Seen	Targeted	NA
20-Jan-20	1.34569	103.79750	ENW_T1_01	1957	Caprimulgus macrurus	1	Heard	Targeted	NA
20-Jan-20	1.34132	103.80113	ENW_T1_11	2225	Caprimulgus macrurus	1	Heard	Targeted	NA
20-Jan-20	1.34065	103.80161	ENW_T1_12	2231	Caprimulgus macrurus	1	Seen	Targeted	NA
20-Jan-20	1.34010	103.80165	ENW_T1_13	2234	Caprimulgus macrurus	2	Seen	Targeted	NA
20-Jan-20	1.34236	103.80080	ENW_T1_10	2217	Caprimulgus sp.	1	Seen	Targeted	NA
20-Jan-20	1.33876	103.80057	ENW_T1_15	2247	Caprimulgus sp.	1	Seen	Targeted	NA
20-Jan-20	1.34462	103.79918	ENW_T1_04	2108	Caterpillar_Papilio polytes romulus	1	Seen	Incidental	Caterpillar
20-Jan-20	1.34248	103.79754	ENW_T1_04	2006	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34560	103.79813	ENW_T1_01	2012	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34505	103.79920	ENW_T1_03	2058	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34462	103.79918	ENW_T1_04	2104	Dendrelaphis pictus	3	Seen	Targeted	NA
20-Jan-20	1.34460	103.79975	ENW_T1_05	2115	Dendrelaphis pictus	3	Seen	Targeted	NA
20-Jan-20	1.34461	103.79991	ENW_T1_05	2119	Dendrelaphis pictus	2	Seen	Targeted	NA
20-Jan-20	1.34446	103.79998	ENW_T1_05	2125	Dendrelaphis pictus	3	Seen	Targeted	1 juvenile
20-Jan-20	1.34421	103.80012	ENW_T1_06	2128	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34421	103.80012	ENW_T1_06	2131	Dendrelaphis pictus	4	Seen	Targeted	NA
20-Jan-20	1.34396	103.80048	ENW_T1_06	2138	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34366	103.80083	ENW_T1_07	2144	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34360	103.80117	ENW_T1_07	2204	Dendrelaphis pictus	6	Seen	Targeted	NA
20-Jan-20	1.34330	103.80108	ENW_T1_07	2207	Dendrelaphis pictus	4	Seen	Targeted	1 juvenile
20-Jan-20	1.34311	103.80101	ENW_T1_08	2209	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34311	103.80101	ENW_T1_08	2210	Dendrelaphis pictus	2	Seen	Targeted	NA
20-Jan-20	1.34260	103.80104	ENW_T1_09	2214	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34236	103.80080	ENW_T1_10	2217	Dendrelaphis pictus	2	Seen	Targeted	NA
20-Jan-20	1.34197	103.80063	ENW_T1_10	2221	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34065	103.80161	ENW_T1_12	2231	Dendrelaphis pictus	5	Seen	Targeted	NA
20-Jan-20	1.34010	103.80165	ENW_T1_13	2234	Dendrelaphis pictus	4	Seen	Targeted	NA
20-Jan-20	1.33960	103.80102	ENW_T1_14	2241	Dendrelaphis pictus	2	Seen	Targeted	NA
20-Jan-20	1.33929	103.80084	ENW_T1_14	2243	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.33876	103.80057	ENW_T1_15	2247	Dendrelaphis pictus	5	Seen	Targeted	NA
20-Jan-20	1.33826	103.79992	ENW_T1_16	2253	Dendrelaphis pictus	1	Seen	Targeted	NA
20-Jan-20	1.34560	103.79813	ENW_T1_01	2012	Eleutherodactylus planirostris	1	Heard	Targeted	NA
20-Jan-20	1.34366	103.80083	ENW_T1_07	2144	Eleutherodactylus planirostris	2	Seen	Targeted	NA
20-Jan-20	1.34360	103.80117	ENW_T1_07	2150	Eleutherodactylus planirostris	4	Seen	Targeted	NA
20-Jan-20	1.34236	103.80080	ENW_T1_10	2217	Eleutherodactylus planirostris	1	Heard	Targeted	NA
20-Jan-20	1.34197	103.80063	ENW_T1_10	2221	Eleutherodactylus planirostris	1	Heard	Targeted	NA
20-Jan-20	1.34132	103.80113	ENW_T1_11	2225	Eleutherodactylus planirostris	1	Heard	Targeted	NA
20-Jan-20	1.34010	103.80165	ENW_T1_13	2234	Eleutherodactylus planirostris	1	Seen	Targeted	NA
20-Jan-20	1.33929	103.80084	ENW_T1_14	2243	Eleutherodactylus planirostris	2	Heard	Targeted	NA
20-Jan-20	1.34560	103.79814	ENW_T1_01	2002	Galeopterus variegatus	1	Seen	Targeted	H:7.2m, D: 6.6m, Grey
20-Jan-20	1.34586	103.79860	ENW_T1_02	2024	Galeopterus variegatus	1	Seen	Targeted	NA
20-Jan-20	1.34538	103.79896	ENW_T1_03	2048	Galeopterus variegatus	1	Seen	Targeted	H: 12m, D: 6m, Grey
20-Jan-20	1.34569	103.79750	ENW_T1_01	1957	Gekko monarchus	1	Seen	Targeted	NA
20-Jan-20	1.34462	103.79918	ENW_T1_04	2108	Lanius sp.	1	Seen	Targeted	NA
20-Jan-20	1.34446	103.79998	ENW_T1_05	2125	Microhyla butleri	1	Heard	Targeted	NA
20-Jan-20	1.34366	103.80083	ENW_T1_07	2144	Microhyla butleri	2	Seen	Targeted	NA
20-Jan-20	1.34273	103.80102	ENW_T1_09	2212	Microhyla butleri	5	Heard	Targeted	NA
20-Jan-20	1.34197	103.80063	ENW_T1_10	2221	Microhyla butleri	1	Heard	Targeted	NA
20-Jan-20	1.34132	103.80113	ENW_T1_11	2225	Microhyla butleri	1	Heard	Targeted	NA
20-Jan-20	1.33929	103.80084	ENW_T1_14	2243	Microhyla butleri	1	Heard	Targeted	NA
20-Jan-20	1.34273	103.80102	ENW_T1_09	2212	Microhyla heymonsi	3	Heard	Targeted	NA
20-Jan-20	1.34197	103.80063	ENW_T1_10	2221	Rallina fasciata	1	Heard	Targeted	NA
20-Jan-20	1.34065	103.80161	ENW_T1_12	2231	Rallina fasciata	1	Heard	Targeted	NA
20-Jan-20	1.33876	103.80057	ENW_T1_15	2250	Rallina fasciata	1	Heard	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
20-Jan-20	1.34462	103.79918	ENW_T1_04	2112	Treron vernans	1	Seen	Targeted	Female
20-Jan-20	1.34236	103.80080	ENW_T1_10	2217	Treron vernans	2	Seen	Targeted	NA
20-Jan-20	1.34360	103.80117	ENW_T1_07	2150	Tropidolaemus wagleri	1	Seen	Targeted	unexpected species; male
20-Jan-20	1.34586	103.79860	ENW_T1_02	2024	Unidentified_Fruit bat	1	Seen	Targeted	NA
20-Jan-20	1.34615	103.79863	ENW_T1_02	2035	Unidentified_Fruit bat	2	Seen	Targeted	NA
20-Jan-20	1.34561	103.79906	ENW_T1_03	2044	Unidentified_Fruit bat	1	Seen	Targeted	NA
20-Jan-20	1.34461	103.79991	ENW_T1_05	2119	Unidentified_Fruit bat	1	Seen	Targeted	NA
20-Jan-20	1.34396	103.80048	ENW_T1_06	2138	Unidentified_Fruit bat	1	Seen	Targeted	NA
20-Jan-20	1.34360	103.80117	ENW_T1_07	2150	Unidentified_Fruit bat	3	Seen	Targeted	NA
20-Jan-20	1.34573	103.79862	ENW_T1_01	2022	Unidentified_Insect bat	1	Seen	Targeted	NA
20-Jan-20	1.34460	103.79956	ENW_T1_05	2112	Unidentified_Insect bat	1	Seen	Targeted	NA
20-Jan-20	1.34586	103.79860	ENW_T1_02	2024	Varanus nebulosus	1	Seen	Targeted	NA
10-Feb-20	1.34229	103.80075	ENW_T1_10	1023	Acisoma panorpoides	1	Seen	Targeted	NA
10-Feb-20	1.34242	103.80087	ENW_T1_09	1026	Acisoma panorpoides	1	Seen	Targeted	NA
10-Feb-20	1.34242	103.80087	ENW_T1_09	1027	Acisoma panorpoides	1	Seen	Targeted	NA
10-Feb-20	1.34265	103.80097	ENW_T1_09	1030	Acisoma panorpoides	1	Seen	Targeted	NA
10-Feb-20	1.34265	103.80097	ENW_T1_09	1030	Acisoma panorpoides	1	Seen	Targeted	NA
10-Feb-20	1.34291	103.80104	ENW_T1_09	1041	Acisoma panorpoides	2	Seen	Targeted	NA
10-Feb-20	1.34299	103.80104	ENW_T1_09	1048	Acisoma panorpoides	1	Seen	Targeted	NA
10-Feb-20	1.33872	103.80050	ENW_T1_15	927	Acraea terpsicore	1	Seen	Targeted	NA
10-Feb-20	1.34154	103.80085	ENW_T1_11	1014	Acraea terpsicore	1	Seen	Targeted	NA
10-Feb-20	1.34193	103.80063	ENW_T1_10	1017	Acraea terpsicore	1	Seen	Targeted	NA
10-Feb-20	1.34322	103.80115	ENW_T1_08	1050	Acraea terpsicore	2	Seen	Targeted	NA
10-Feb-20	1.34460	103.79986	ENW_T1_05	1116	Acraea terpsicore	1	Seen	Targeted	NA
10-Feb-20	1.34199	103.80063	ENW_T1_10	1021	Agrionoptera insignis	1	Seen	Targeted	NA
10-Feb-20	1.34299	103.80104	ENW_T1_09	1046	Agrionoptera insignis	1	Seen	Targeted	NA
10-Feb-20	1.34284	103.80104	ENW_T1_09	1038	Brachydiplax chalybea	1	Seen	Targeted	NA
10-Feb-20	1.34165	103.80076	ENW_T1_10	1016	Caltoris cormasa	1	Seen	Targeted	NA
10-Feb-20	1.33868	103.80047	ENW_T1_15	926	Camacinia gigantea	1	Seen	Targeted	NA
10-Feb-20	1.34123	103.80053	NA	1118	Camacinia gigantea	1	Seen	Incidental	NA
10-Feb-20	1.34124	103.80054	NA	1118	Camacinia gigantea	1	Seen	Incidental	NA
10-Feb-20	1.33948	103.80112	ENW_T1_14	941	Centropus sinensis	1	Heard	Incidental	NA
10-Feb-20	1.34154	103.80085	ENW_T1_11	1014	Ceriagrion cerinorubellum	1	Seen	Targeted	NA
10-Feb-20	1.34199	103.80063	ENW_T1_10	1021	Ceriagrion cerinorubellum	1	Seen	Targeted	NA
10-Feb-20	1.34265	103.80097	ENW_T1_09	1029	Ceriagrion cerinorubellum	1	Seen	Targeted	NA
10-Feb-20	1.34279	103.80103	ENW_T1_09	1036	Ceriagrion cerinorubellum	1	Seen	Targeted	NA
10-Feb-20	1.34318	103.80126	ENW_T1_08	1054	Crocothemis servilia	2	Seen	Targeted	NA
10-Feb-20	1.34460	103.79986	ENW_T1_05	1116	Delias hyparete metarete	1	Seen	Targeted	NA
10-Feb-20	1.33831	103.79998	ENW_T1_16	920	Elymnias panthera panthera	1	Seen	Targeted	NA
10-Feb-20	1.34089	103.80146	ENW_T1_12	1003	Eooxylides tharis distanti	1	Seen	Targeted	NA
10-Feb-20	1.34376	103.80060	ENW_T1_06	1108	Eooxylides tharis distanti	1	Seen	Targeted	NA
10-Feb-20	1.33855	103.80029	ENW_T1_15	924	Euchrysops cneius cneius	3	Seen	Targeted	NA
10-Feb-20	1.33872	103.80050	ENW_T1_15	927	Euchrysops cneius cneius	1	Seen	Targeted	NA
10-Feb-20	1.34318	103.80126	ENW_T1_08	1052	Euchrysops cneius cneius	5	Seen	Targeted	NA
10-Feb-20	1.34358	103.80092	ENW_T1_07	1103	Eurema andersonii andersonii	1	Seen	Targeted	NA
10-Feb-20	1.33878	103.80057	ENW_T1_15	930	Eurema hecabe contubernalis	1	Seen	Targeted	NA
10-Feb-20	1.34320	103.80107	ENW_T1_08	1050	Eurema hecabe contubernalis	1	Seen	Targeted	NA
10-Feb-20	1.34506	103.79902	ENW_T1_03	1125	Eurema hecabe contubernalis	2	Seen	Targeted	NA
10-Feb-20	1.33796	103.79981	ENW_T1_16	918	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.33836	103.80015	ENW_T2_01	922	Eurema sp.	1	Seen	Targeted	Feeding on Asystasia
10-Feb-20	1.34011	103.80158	ENW_T1_13	948	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.34011	103.80158	ENW_T1_13	948	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.34082	103.80147	ENW_T1_12	1002	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.34165	103.80076	ENW_T1_10	1016	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.34165	103.80076	ENW_T1_10	1016	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.34229	103.80075	ENW_T1_10	1023	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.34265	103.80097	ENW_T1_09	1029	Eurema sp.	4	Seen	Targeted	NA
10-Feb-20	1.34299	103.80104	ENW_T1_09	1046	Eurema sp.	2	Seen	Targeted	NA
10-Feb-20	1.34358	103.80092	ENW_T1_07	1103	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.34613	103.79868	ENW_T1_02	1134	Eurema sp.	1	Seen	Targeted	NA
10-Feb-20	1.34554	103.79885	ENW_T1_03	1130	Ficedula elisae	1	Seen	Incidental	NA
10-Feb-20	1.34100	103.80049	NA	1110	Gracula religiosa	1	Seen	Incidental	NA
10-Feb-20	1.34318	103.80126	ENW_T1_08	1051	Graphium sarpedon luctatius	1	Seen	Targeted	NA
10-Feb-20	1.34600	103.79798	ENW_T1_01	1148	Gynacantha subinterrupta	1	Seen	Targeted	NA
10-Feb-20	1.34460	103.79986	ENW_T1_05	1116	Hypolimnas sp.	1	Seen	Targeted	NA
10-Feb-20	1.33836	103.80015	ENW_T2_01	922	Iambrix salsala salsala	1	Seen	Targeted	Feeding on Asystasia
10-Feb-20	1.34390	103.80036	ENW_T1_06	1111	Iambrix salsala salsala	1	Seen	Targeted	NA
10-Feb-20	1.34492	103.79898	ENW_T1_04	1123	Iambrix salsala salsala	1	Seen	Targeted	NA
10-Feb-20	1.34299	103.80104	ENW_T1_09	1046	Idionyx yolanda	1	Seen	Targeted	NA
10-Feb-20	1.34229	103.80075	ENW_T1_10	1023	Jamides celeno aelianus	1	Seen	Targeted	NA
10-Feb-20	1.34279	103.80103	ENW_T1_09	1036	Jamides celeno aelianus	1	Seen	Targeted	NA
10-Feb-20	1.34448	103.79926	ENW_T1_04	1119	Junonia almana javana	1	Seen	Targeted	NA
10-Feb-20	1.34140	103.80102	ENW_T1_11	1011	Junonia hedonia ida	1	Seen	Targeted	NA
10-Feb-20	1.34448	103.79926	ENW_T1_04	1119	Junonia hedonia ida	1	Seen	Targeted	NA
10-Feb-20	1.34506	103.79902	ENW_T1_03	1125	Junonia hedonia ida	1	Seen	Targeted	NA
10-Feb-20	1.34613	103.79868	ENW_T1_02	1134	Junonia hedonia ida	1	Seen	Targeted	NA
10-Feb-20	1.33853	103.80029	ENW_T1_15	923	Lanius cristatus	1	Seen	Incidental	NA
10-Feb-20	1.34279	103.80104	ENW_T1_09	1034	Lathrecista asiatica	1	Seen	Targeted	NA
10-Feb-20	1.34284	103.80104	ENW_T1_09	1038	Lathrecista asiatica	1	Seen	Targeted	NA
10-Feb-20	1.33999	103.79988	NA	1103	Leptosia nina malayana	1	Seen	Incidental	NA
10-Feb-20	1.34600	103.79883	ENW_T1_02	1133	Mycalesis mineus macromalayana	1	Seen	Targeted	NA
10-Feb-20	1.33934	103.80084	ENW_T1_14	932	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
10-Feb-20	1.33934	103.80084	ENW_T1_14	932	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
10-Feb-20	1.33954	103.80118	ENW_T1_14	942	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
10-Feb-20	1.33964	103.80126	ENW_T1_14	943	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
10-Feb-20	1.34058	103.80158	ENW_T1_12	958	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
10-Feb-20	1.34339	103.80136	ENW_T1_08	1058	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
10-Feb-20	1.33878	103.80057	ENW_T1_15	930	Mycalesis sp.	1	Seen	Targeted	NA
10-Feb-20	1.34011	103.80158	ENW_T1_13	948	Mycalesis sp.	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
10-Feb-20	1.34046	103.80158	ENW_T1_12	958	Mycalesis sp.	1	Seen	Targeted	NA
10-Feb-20	1.34105	103.80133	ENW_T1_11	1004	Mycalesis sp.	1	Seen	Targeted	NA
10-Feb-20	1.34389	103.80040	ENW_T1_06	1110	Mycalesis sp.	1	Seen	Targeted	NA
10-Feb-20	1.34448	103.79926	ENW_T1_04	1119	Mycalesis sp.	1	Seen	Targeted	NA
10-Feb-20	1.34291	103.80104	ENW_T1_09	1041	Mycalesis visala phamis	1	Seen	Targeted	NA
10-Feb-20	1.34564	103.79846	ENW_T1_01	1136	Mycalesis visala phamis	3	Seen	Targeted	NA
10-Feb-20	1.33983	103.80143	ENW_T1_13	944	Neptis hylas papaja	1	Seen	Targeted	NA
10-Feb-20	1.34279	103.80103	ENW_T1_09	1037	Neptis hylas papaja	1	Seen	Targeted	NA
10-Feb-20	1.34339	103.80136	ENW_T1_08	1058	Neptis hylas papaja	1	Seen	Targeted	NA
10-Feb-20	1.33983	103.80143	ENW_T1_13	944	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34116	103.80128	ENW_T1_11	1006	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34144	103.80095	ENW_T1_11	1011	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34165	103.80076	ENW_T1_10	1016	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34193	103.80063	ENW_T1_10	1017	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34199	103.80063	ENW_T1_10	1021	Neurothemis fluctuans	2	Seen	Targeted	NA
10-Feb-20	1.34232	103.80079	ENW_T1_10	1023	Neurothemis fluctuans	2	Seen	Targeted	NA
10-Feb-20	1.34242	103.80087	ENW_T1_09	1025	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34242	103.80087	ENW_T1_09	1027	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34272	103.80098	ENW_T1_09	1031	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34279	103.80104	ENW_T1_09	1034	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34284	103.80104	ENW_T1_09	1040	Neurothemis fluctuans	1	Seen	Targeted	NA
10-Feb-20	1.34113	103.80130	ENW_T1_11	1005	Orsotriaena medus cinerea	1	Seen	Targeted	NA
10-Feb-20	1.34265	103.80097	ENW_T1_09	1029	Orthetrum chrysis	2	Seen	Targeted	NA
10-Feb-20	1.34279	103.80103	ENW_T1_09	1036	Orthetrum chrysis	1	Seen	Targeted	NA
10-Feb-20	1.34125	103.80121	ENW_T1_11	1007	Orthetrum sabina	1	Seen	Targeted	NA
10-Feb-20	1.34336	103.80140	ENW_T1_08	1057	Pantala flavescens	2	Seen	Targeted	NA
10-Feb-20	1.34284	103.80104	ENW_T1_09	1038	Papilio polytes romulus	1	Seen	Targeted	NA
10-Feb-20	1.34311	103.80100	ENW_T1_09	1048	Papilio polytes romulus	1	Seen	Targeted	NA
10-Feb-20	1.33989	103.80151	ENW_T1_13	947	Parantica aglea aglea aglea	1	Seen	Targeted	NA
10-Feb-20	1.33943	103.80094	ENW_T1_14	934	Potanthus omaha omaha	1	Seen	Targeted	NA
10-Feb-20	1.34075	103.80151	ENW_T1_12	1002	Potanthus omaha omaha	1	Seen	Targeted	NA
10-Feb-20	1.34146	103.80093	ENW_T1_11	1012	Potanthus omaha omaha	1	Seen	Targeted	NA
10-Feb-20	1.34238	103.80086	ENW_T1_10	1024	Potanthus omaha omaha	1	Seen	Targeted	NA
10-Feb-20	1.34022	103.80163	ENW_T1_13	950	Prodasineura humeralis	1	Seen	Targeted	NA
10-Feb-20	1.34125	103.80121	ENW_T1_11	1007	Rhodothemis rufa	1	Seen	Targeted	NA
10-Feb-20	1.34061	103.80158	ENW_T1_12	959	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Feb-20	1.34165	103.80076	ENW_T1_10	1016	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Feb-20	1.34242	103.80087	ENW_T1_09	1025	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Feb-20	1.34291	103.80104	ENW_T1_09	1041	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Feb-20	1.34299	103.80104	ENW_T1_09	1046	Rhyothemis phyllis	1	Seen	Targeted	NA
10-Feb-20	1.34265	103.80097	ENW_T1_09	1029	Rhyothemis triangularis	1	Seen	Targeted	NA
10-Feb-20	1.34105	103.80133	ENW_T1_11	1004	Surendra vivarna amisena	1	Seen	Targeted	NA
10-Feb-20	1.34146	103.80093	ENW_T1_11	1012	Tholymis tillarga	1	Seen	Targeted	NA
10-Feb-20	1.33934	103.80087	ENW_T1_14	1030	Troides helena cerberus	1	Seen	Incidental	NA
10-Feb-20	1.33939	103.80083	ENW_T1_14	934	Ypthima baldus newboldi	1	Seen	Targeted	NA
10-Feb-20	1.33878	103.80057	ENW_T1_15	929	Ypthima horsfieldii humei	1	Seen	Targeted	NA
10-Feb-20	1.33980	103.80140	ENW_T1_13	944	Ypthima horsfieldii humei	1	Seen	Targeted	NA
10-Feb-20	1.34022	103.80163	ENW_T1_13	955	Ypthima horsfieldii humei	1	Seen	Targeted	NA
10-Feb-20	1.34061	103.80158	ENW_T1_12	1000	Ypthima horsfieldii humei	1	Seen	Targeted	NA
10-Feb-20	1.34116	103.80128	ENW_T1_11	1006	Ypthima horsfieldii humei	1	Seen	Targeted	NA
10-Feb-20	1.34183	103.80066	ENW_T1_10	1017	Ypthima horsfieldii humei	1	Seen	Targeted	NA
10-Feb-20	1.34405	103.80009	ENW_T1_06	1113	Ypthima horsfieldii humei	2	Seen	Targeted	NA
10-Feb-20	1.33943	103.80094	ENW_T1_14	935	Ypthima sp.	1	Seen	Targeted	NA
10-Feb-20	1.34154	103.80085	ENW_T1_11	1014	Ypthima sp.	1	Seen	Targeted	NA
10-Feb-20	1.34390	103.80036	ENW_T1_06	1111	Ypthima sp.	2	Seen	Targeted	NA
10-Feb-20	1.34430	103.79994	ENW_T1_05	1114	Ypthima sp.	3	Seen	Targeted	NA
10-Feb-20	1.34455	103.79977	ENW_T1_05	1117	Ypthima sp.	2	Seen	Targeted	NA
10-Feb-20	1.34448	103.79926	ENW_T1_04	1119	Ypthima sp.	1	Seen	Targeted	NA
10-Feb-20	1.34506	103.79902	ENW_T1_03	1125	Amegilla andrewsi	1	Seen	Targeted	Feeding on Asystasia
10-Feb-20	1.33900	103.80064	ENW_T1_15	930	Antepipona sp. nr. bipustulata	1	Seen	Targeted	NA
10-Feb-20	1.34242	103.80087	ENW_T1_09	1026	Antepipona sp. nr. bipustulata	1	Seen	Targeted	NA
10-Feb-20	1.33831	103.79998	ENW_T1_16	920	Apis cerana	2	Seen	Targeted	Feeding on Asystasia
10-Feb-20	1.34318	103.80126	ENW_T1_08	1054	Apis cerana	1	Seen	Targeted	Feeding on Neptunia
10-Feb-20	1.33872	103.80050	ENW_T1_15	927	Apis dorsata	1	Seen	Targeted	NA
10-Feb-20	1.34242	103.80087	ENW_T1_09	1025	Apis sp.	1	Seen	Targeted	Apis adreniformes or
10-Feb-20	1.34352	103.80089	ENW_T1_07	1105	Liostenogaster varipicta	3	Seen	Targeted	On nest
10-Feb-20	1.34131	103.80110	ENW_T1_11	1008	Ropalidia stigma	1	Seen	Targeted	NA
10-Feb-20	1.34242	103.80087	ENW_T1_09	1027	Ropalidia stigma	1	Seen	Targeted	NA
10-Feb-20	1.34600	103.79798	ENW_T1_01	1149	Ropalidia stigma	1	Seen	Targeted	NA
10-Feb-20	1.33983	103.80143	ENW_T1_13	944	Ropalidia sumatrae	1	Seen	Targeted	NA
10-Feb-20	1.34193	103.80063	ENW_T1_10	1018	Sphex sp.	1	Seen	Targeted	NA
10-Feb-20	1.33989	103.80151	ENW_T1_13	947	Stenodynerillus guttulatus	1	Seen	Targeted	NA
10-Feb-20	1.34193	103.80063	ENW_T1_10	1018	Trypoxylon sp.	1	Seen	Targeted	NA
10-Feb-20	1.34581	103.79807	ENW_T1_01	1137	Trypoxylon sp.	1	Seen	Targeted	NA
10-Feb-20	1.34022	103.80163	ENW_T1_13	957	Unidentified Pompilidae	1	Seen	Targeted	NA
10-Feb-20	1.33942	103.80106	ENW_T1_14	939	Vespa tropica	1	Seen	Targeted	NA
10-Feb-20	1.34318	103.80126	ENW_T1_08	1051	Xylocopa flavonigrescens	1	Seen	Targeted	Feeding on Pueraria
10-Feb-20	1.34318	103.80126	ENW_T1_08	1052	Xylocopa latipes	1	Seen	Targeted	Feeding on Pueraria
11-Feb-20	1.34565	103.79783	NA	934	Amathusia phidippus phidippus	1	Seen	Incidental	NA
11-Feb-20	1.34571	103.79794	ENW_T1_01	938	Lexias pardalis dirteana	1	Seen	Incidental	NA
14-Feb-20	1.33796	103.79981	ENW_T1_16	714	Acridotheres javanicus	2	Seen	Targeted	NA
14-Feb-20	1.33832	103.79996	ENW_T1_16	716	Acridotheres javanicus	1	Seen	Targeted	NA
14-Feb-20	1.33828	103.80007	ENW_T2_01	717	Acridotheres javanicus	2	Seen	Targeted	NA
14-Feb-20	1.33888	103.80171	ENW_T2_03	737	Acridotheres javanicus	2	Heard	Targeted	NA
14-Feb-20	1.34029	103.80271	ENW_T2_06	804	Acridotheres javanicus	2	Seen	Targeted	NA
14-Feb-20	1.34262	103.80200	ENW_T2_09	832	Acridotheres javanicus	1	Heard	Targeted	NA
14-Feb-20	1.34285	103.80161	ENW_T2_10	838	Acridotheres javanicus	2	Seen	Targeted	NA
14-Feb-20	1.34285	103.80161	ENW_T2_10	838	Acridotheres javanicus	2	Seen	Targeted	NA
14-Feb-20	1.33773	103.79980	ENW_T1_16	711	Aegithina tiphia	1	Heard	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
14-Feb-20	1.33819	103.80020	ENW_T2_01	718	Aegithina tiphia	1	Heard	Targeted	NA
14-Feb-20	1.33825	103.80068	ENW_T2_02	725	Aegithina tiphia	1	Heard	Targeted	NA
14-Feb-20	1.34018	103.80255	ENW_T2_06	802	Aegithina tiphia	1	Heard	Targeted	NA
14-Feb-20	1.34285	103.80161	ENW_T2_10	838	Aegithina tiphia	1	Heard	Targeted	NA
14-Feb-20	1.33828	103.80007	ENW_T2_01	717	Aerodramus sp.	1	Seen	Targeted	NA
14-Feb-20	1.34029	103.80271	ENW_T2_06	804	Aerodramus sp.	5	Seen	Targeted	NA
14-Feb-20	1.34285	103.80161	ENW_T2_10	838	Aerodramus sp.	2	Seen	Targeted	NA
14-Feb-20	1.34083	103.80254	ENW_T2_07	809	Amaurornis phoenicurus	1	Heard	Targeted	NA
14-Feb-20	1.34286	103.80183	ENW_T2_09	835	Amaurornis phoenicurus	1	Heard	Targeted	NA
14-Feb-20	1.33854	103.80130	ENW_T2_02	732	Aplonis panayensis	1	Heard	Targeted	NA
14-Feb-20	1.34029	103.80271	ENW_T2_06	804	Aplonis panayensis	1	Seen	Targeted	NA
14-Feb-20	1.34053	103.80269	ENW_T2_06	807	Aplonis panayensis	1	Seen	Targeted	NA
14-Feb-20	1.34179	103.80243	ENW_T2_08	818	Aviceda leuphotes	1	Seen	Targeted	NA
14-Feb-20	1.33819	103.80020	ENW_T2_01	718	Cacatua goffiniana	1	Heard	Targeted	NA
14-Feb-20	1.33833	103.80087	ENW_T2_02	727	Cacatua goffiniana	1	Heard	Targeted	NA
14-Feb-20	1.34288	103.80163	ENW_T2_10	837	Centropus bengalensis	1	Seen	Targeted	NA
14-Feb-20	1.33966	103.80275	ENW_T2_05	756	Chalcophaps indica	1	Heard	Targeted	NA
14-Feb-20	1.33917	103.80228	ENW_T2_04	743	Chrysophlegma miniaceum	1	Heard	Targeted	NA
14-Feb-20	1.33949	103.80274	ENW_T2_05	754	Chrysophlegma miniaceum	1	Heard	Targeted	NA
14-Feb-20	1.33982	103.80264	ENW_T2_05	757	Chrysophlegma miniaceum	1	Heard	Targeted	NA
14-Feb-20	1.34029	103.80271	ENW_T2_06	805	Chrysophlegma miniaceum	1	Heard	Targeted	NA
14-Feb-20	1.34130	103.80236	ENW_T2_07	814	Chrysophlegma miniaceum	1	Heard	Targeted	NA
14-Feb-20	1.34206	103.80227	ENW_T2_08	826	Chrysophlegma miniaceum	1	Heard	Targeted	NA
14-Feb-20	1.34288	103.80163	ENW_T2_10	837	Chrysophlegma miniaceum	1	Heard	Targeted	NA
14-Feb-20	1.33865	103.80149	ENW_T2_03	735	Dendrelaphis pictus	1	Seen	Targeted	NA
14-Feb-20	1.34093	103.80252	ENW_T2_07	811	Dicaeum trigonostigma	1	Heard	Targeted	NA
14-Feb-20	1.34179	103.80243	ENW_T2_08	818	Dicaeum trigonostigma	1	Heard	Targeted	NA
14-Feb-20	1.34286	103.80183	ENW_T2_09	835	Dicaeum trigonostigma	1	Heard	Targeted	NA
14-Feb-20	1.33854	103.80096	ENW_T2_02	729	Dicrurus paradiseus	1	Heard	Targeted	NA
14-Feb-20	1.33929	103.80249	ENW_T2_04	746	Dicrurus paradiseus	1	Heard	Targeted	NA
14-Feb-20	1.33982	103.80264	ENW_T2_05	757	Dicrurus paradiseus	1	Heard	Targeted	NA
14-Feb-20	1.34093	103.80252	ENW_T2_07	811	Dicrurus paradiseus	1	Seen	Targeted	NA
14-Feb-20	1.33809	103.79982	ENW_T1_16	715	Dinopium javanense	1	Heard	Targeted	NA
14-Feb-20	1.33825	103.80068	ENW_T2_02	725	Dinopium javanense	1	Heard	Targeted	NA
14-Feb-20	1.33982	103.80264	ENW_T2_05	757	Dinopium javanense	1	Heard	Targeted	NA
14-Feb-20	1.34189	103.80239	ENW_T2_08	819	Dinopium javanense	1	Heard	Targeted	NA
14-Feb-20	1.34294	103.80144	ENW_T2_10	839	Dinopium javanense	1	Heard	Targeted	NA
14-Feb-20	1.33809	103.79982	ENW_T1_16	715	Eleutherodactylus planirostris	3	Heard	Targeted	NA
14-Feb-20	1.34029	103.80271	ENW_T2_06	804	Eurystomus orientalis	1	Heard	Targeted	NA
14-Feb-20	1.33819	103.79984	ENW_T1_16	715	Gallus gallus	1	Heard	Targeted	NA
14-Feb-20	1.33927	103.80257	ENW_T2_04	748	Gallus gallus	1	Heard	Targeted	NA
14-Feb-20	1.33832	103.79996	ENW_T1_16	716	Garrulax leucolophus	2	Heard	Targeted	NA
14-Feb-20	1.33850	103.80085	ENW_T2_02	729	Garrulax leucolophus	3	Heard	Targeted	NA
14-Feb-20	1.33917	103.80228	ENW_T2_04	743	Garrulax leucolophus	2	Heard	Targeted	NA
14-Feb-20	1.33927	103.80257	ENW_T2_04	748	Gracula religiosa	1	Heard	Targeted	NA
14-Feb-20	1.34004	103.80252	ENW_T2_06	801	Gracula religiosa	1	Heard	Targeted	NA
14-Feb-20	1.34306	103.80144	ENW_T2_10	840	Halcyon smyrnensis	1	Seen	Targeted	NA
14-Feb-20	1.34119	103.80240	ENW_T2_07	812	Loriculus galgulus	1	Heard	Targeted	NA
14-Feb-20	1.34285	103.80161	ENW_T2_10	838	Loriculus galgulus	1	Seen	Targeted	NA
14-Feb-20	1.33799	103.80040	ENW_T2_01	721	Mixornis gularis	2	Heard	Targeted	NA
14-Feb-20	1.33888	103.80171	ENW_T2_03	737	Mixornis gularis	2	Heard	Targeted	NA
14-Feb-20	1.34035	103.80166	ENW_T1_12	857	Muscicapa dauurica	1	Heard	Incidental	NA
14-Feb-20	1.33966	103.80275	ENW_T2_05	756	Nisaetus cirrhatus	1	Heard	Targeted	NA
14-Feb-20	1.33773	103.79980	ENW_T1_16	711	Oriolus chinensis	1	Heard	Targeted	NA
14-Feb-20	1.33812	103.80058	ENW_T2_01	723	Oriolus chinensis	1	Heard	Targeted	NA
14-Feb-20	1.33982	103.80264	ENW_T2_05	757	Oriolus chinensis	1	Heard	Targeted	NA
14-Feb-20	1.34083	103.80254	ENW_T2_07	809	Oriolus chinensis	1	Seen	Targeted	NA
14-Feb-20	1.34189	103.80239	ENW_T2_08	818	Oriolus chinensis	1	Heard	Targeted	NA
14-Feb-20	1.34306	103.80144	ENW_T2_10	840	Oriolus chinensis	1	Seen	Targeted	NA
14-Feb-20	1.33825	103.80068	ENW_T2_02	725	Orthotomus atrogularis	1	Heard	Targeted	NA
14-Feb-20	1.33918	103.80190	ENW_T2_03	740	Orthotomus atrogularis	1	Heard	Targeted	NA
14-Feb-20	1.34083	103.80254	ENW_T2_07	809	Orthotomus sutorius	1	Heard	Targeted	NA
14-Feb-20	1.33927	103.80257	ENW_T2_04	748	Phylloscopus coronatus	1	Heard	Targeted	NA
14-Feb-20	1.34288	103.80163	ENW_T2_10	837	Picus vittatus	1	Heard	Targeted	NA
14-Feb-20	1.33934	103.80264	ENW_T2_04	752	Polyrepedates leucomystax	1	Seen	Targeted	NA
14-Feb-20	1.33773	103.79980	ENW_T1_16	711	Psilopogon lineatus	1	Heard	Targeted	NA
14-Feb-20	1.33832	103.79996	ENW_T1_16	716	Psilopogon lineatus	2	Heard	Targeted	NA
14-Feb-20	1.33917	103.80228	ENW_T2_04	743	Psilopogon lineatus	1	Heard	Targeted	NA
14-Feb-20	1.33982	103.80264	ENW_T2_05	757	Psilopogon lineatus	1	Heard	Targeted	NA
14-Feb-20	1.34053	103.80269	ENW_T2_06	807	Psittacula alexandri	7	Seen	Targeted	NA
14-Feb-20	1.33803	103.80038	ENW_T2_01	720	Psittacula longicauda	1	Heard	Targeted	NA
14-Feb-20	1.33854	103.80096	ENW_T2_02	729	Psittacula longicauda	1	Heard	Targeted	NA
14-Feb-20	1.33865	103.80149	ENW_T2_03	735	Psittacula longicauda	1	Heard	Targeted	NA
14-Feb-20	1.33924	103.80237	ENW_T2_04	745	Psittacula longicauda	1	Heard	Targeted	NA
14-Feb-20	1.33949	103.80274	ENW_T2_05	754	Psittacula longicauda	1	Heard	Targeted	NA
14-Feb-20	1.34093	103.80252	ENW_T2_07	811	Psittacula longicauda	3	Seen	Targeted	NA
14-Feb-20	1.34262	103.80200	ENW_T2_09	832	Psittacula longicauda	1	Heard	Targeted	NA
14-Feb-20	1.34285	103.80161	ENW_T2_10	838	Psittacula longicauda	1	Seen	Targeted	NA
14-Feb-20	1.34279	103.80192	ENW_T2_09	834	Pycnonotus goiavier	1	Heard	Targeted	NA
14-Feb-20	1.34285	103.80161	ENW_T2_10	838	Pycnonotus goiavier	1	Seen	Targeted	NA
14-Feb-20	1.33816	103.80064	ENW_T2_01	727	Pycnonotus plumosus	2	Heard	Targeted	NA
14-Feb-20	1.33888	103.80171	ENW_T2_03	737	Pycnonotus plumosus	1	Heard	Targeted	NA
14-Feb-20	1.33982	103.80264	ENW_T2_05	757	Pycnonotus plumosus	1	Heard	Targeted	NA
14-Feb-20	1.33764	103.79986	ENW_T1_16	905	Roadkill_Calliophis intestinalis	1	Seen	Targeted	Roadkill
14-Feb-20	1.33934	103.80264	ENW_T2_04	752	Todiramphus chloris	1	Heard	Targeted	NA
14-Feb-20	1.34093	103.80252	ENW_T2_07	810	Todiramphus chloris	1	Heard	Targeted	NA
14-Feb-20	1.33828	103.80007	ENW_T2_01	717	Treron vernans	2	Seen	Targeted	NA
14-Feb-20	1.34285	103.80161	ENW_T2_10	838	Treron vernans	3	Seen	Targeted	NA
14-Feb-20	1.33865	103.80149	ENW_T2_03	735	Trichoglossus haematodus	2	Heard	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
14-Feb-20	1.33949	103.80274	ENW_T2_05	754	Zosterops simplex	1	Heard	Targeted	NA
17-Feb-20	1.33860	103.80038	ENW_T1_15	753	Accipiter gularis	1	Seen	Targeted	NA
17-Feb-20	1.33802	103.79985	ENW_T1_16	745	Acridotheres javanicus	4	Heard	Targeted	NA
17-Feb-20	1.33820	103.79985	ENW_T1_16	749	Acridotheres javanicus	1	Heard	Targeted	NA
17-Feb-20	1.33930	103.80080	ENW_T1_14	800	Acridotheres javanicus	1	Seen	Targeted	NA
17-Feb-20	1.34115	103.80131	ENW_T1_11	811	Acridotheres javanicus	2	Seen	Targeted	NA
17-Feb-20	1.34130	103.80117	ENW_T1_11	814	Acridotheres javanicus	1	Seen	Targeted	NA
17-Feb-20	1.34250	103.80097	ENW_T1_09	822	Acridotheres javanicus	5	Seen	Targeted	NA
17-Feb-20	1.33820	103.79985	ENW_T1_16	749	Aegithina tiphia	1	Heard	Targeted	NA
17-Feb-20	1.33950	103.80112	ENW_T1_14	803	Aegithina tiphia	1	Heard	Targeted	NA
17-Feb-20	1.34201	103.80068	ENW_T1_10	819	Aegithina tiphia	1	Heard	Targeted	NA
17-Feb-20	1.33820	103.79985	ENW_T1_16	749	Aethopyga siparaja	1	Heard	Targeted	NA
17-Feb-20	1.33860	103.80038	ENW_T1_15	753	Aplonis panayensis	1	Seen	Targeted	NA
17-Feb-20	1.33930	103.80080	ENW_T1_14	800	Aplonis panayensis	1	Seen	Targeted	NA
17-Feb-20	1.34250	103.80097	ENW_T1_09	822	Aplonis panayensis	4	Seen	Targeted	NA
17-Feb-20	1.34274	103.80108	ENW_T1_09	824	Cacomantis sonneratii	1	Heard	Targeted	NA
17-Feb-20	1.34408	103.80014	ENW_T1_06	855	Cacomantis sonneratii	1	Seen	Targeted	NA
17-Feb-20	1.33874	103.80057	ENW_T1_15	756	Calotes versicolor	1	Seen	Targeted	NA
17-Feb-20	1.34274	103.80108	ENW_T1_09	824	Chalcophaps indica	1	Seen	Targeted	NA
17-Feb-20	1.34250	103.80097	ENW_T1_09	823	Chrysophlegma miniaceum	1	Seen	Targeted	NA
17-Feb-20	1.34558	103.79855	ENW_T1_01	933	Chrysophlegma miniaceum	1	Seen	Targeted	NA
17-Feb-20	1.34301	103.80108	ENW_T1_09	827	Dendrelaphis pictus	1	Seen	Targeted	NA
17-Feb-20	1.34395	103.80023	ENW_T1_06	852	Dendrelaphis pictus	1	Seen	Targeted	NA
17-Feb-20	1.34430	103.80001	ENW_T1_05	858	Dendrelaphis pictus	1	Seen	Targeted	NA
17-Feb-20	1.34465	103.79979	ENW_T1_05	901	Dendrelaphis pictus	2	Seen	Targeted	NA
17-Feb-20	1.33963	103.80127	ENW_T1_14	804	Dicaeum cruentatum	1	Heard	Targeted	NA
17-Feb-20	1.33802	103.79985	ENW_T1_16	745	Dicrurus paradiseus	1	Seen	Targeted	NA
17-Feb-20	1.34351	103.80103	ENW_T1_07	840	Dicrurus paradiseus	1	Heard	Targeted	NA
17-Feb-20	1.34381	103.80057	ENW_T1_06	851	Dicrurus paradiseus	1	Heard	Targeted	NA
17-Feb-20	1.34465	103.79979	ENW_T1_05	903	Dicrurus paradiseus	1	Seen	Targeted	NA
17-Feb-20	1.34599	103.79884	ENW_T1_02	927	Dicrurus paradiseus	1	Seen	Targeted	NA
17-Feb-20	1.33820	103.79985	ENW_T1_16	749	Dinopium javanense	1	Heard	Targeted	NA
17-Feb-20	1.34301	103.80108	ENW_T1_09	829	Dinopium javanense	1	Heard	Targeted	NA
17-Feb-20	1.34408	103.80014	ENW_T1_06	856	Dinopium javanense	1	Heard	Targeted	NA
17-Feb-20	1.34301	103.80108	ENW_T1_09	824	Eurystomus orientalis	1	Seen	Targeted	NA
17-Feb-20	1.34381	103.80057	ENW_T1_06	851	Eurystomus orientalis	2	Seen	Targeted	NA
17-Feb-20	1.34201	103.80068	ENW_T1_10	819	Gracula religiosa	1	Heard	Targeted	NA
17-Feb-20	1.34301	103.80108	ENW_T1_09	831	Gracula religiosa	2	Seen	Targeted	NA
17-Feb-20	1.33860	103.80038	ENW_T1_15	753	Loriculus galgulus	1	Heard	Targeted	NA
17-Feb-20	1.33930	103.80080	ENW_T1_14	800	Loriculus galgulus	1	Seen	Targeted	NA
17-Feb-20	1.34130	103.80117	ENW_T1_11	814	Loriculus galgulus	3	Seen	Targeted	NA
17-Feb-20	1.34115	103.80131	ENW_T1_11	811	Mixornis gularis	1	heard	Targeted	NA
17-Feb-20	1.34381	103.80057	ENW_T1_06	847	Mixornis gularis	1	Heard	Targeted	NA
17-Feb-20	1.34582	103.79856	ENW_T1_01	931	Mixornis gularis	2	Seen	Targeted	NA
17-Feb-20	1.34408	103.80014	ENW_T1_06	856	Merops philippinus	1	Seen	Targeted	NA
17-Feb-20	1.33802	103.79985	ENW_T1_16	745	Oriolus chinensis	3	Heard	Targeted	NA
17-Feb-20	1.33930	103.80080	ENW_T1_14	800	Oriolus chinensis	1	Seen	Targeted	NA
17-Feb-20	1.34115	103.80131	ENW_T1_11	811	Oriolus chinensis	1	Seen	Targeted	NA
17-Feb-20	1.34130	103.80117	ENW_T1_11	814	Oriolus chinensis	1	Seen	Targeted	NA
17-Feb-20	1.33820	103.79985	ENW_T1_16	749	Phylloscopus borealoides	1	Heard	Targeted	NA
17-Feb-20	1.34351	103.80103	ENW_T1_07	840	Picus vittatus	1	Heard	Targeted	NA
17-Feb-20	1.34171	103.80071	ENW_T1_10	817	Psilopogon haemacephalus	1	Heard	Targeted	NA
17-Feb-20	1.33860	103.80038	ENW_T1_15	753	Psilopogon lineatus	1	Heard	Targeted	NA
17-Feb-20	1.33860	103.80038	ENW_T1_15	753	Psilopogon lineatus	1	Heard	Targeted	NA
17-Feb-20	1.33860	103.80038	ENW_T1_15	753	Psilopogon lineatus	1	Seen	Targeted	NA
17-Feb-20	1.34361	103.80074	ENW_T1_07	845	Psilopogon lineatus	1	Heard	Targeted	NA
17-Feb-20	1.34408	103.80014	ENW_T1_06	855	Psilopogon lineatus	1	Seen	Targeted	NA
17-Feb-20	1.34447	103.79939	ENW_T1_04	904	Psilopogon lineatus	1	Heard	Targeted	NA
17-Feb-20	1.33860	103.80038	ENW_T1_15	753	Psittacula longicauda	11	Heard	Targeted	NA
17-Feb-20	1.33930	103.80080	ENW_T1_14	800	Psittacula longicauda	1	Seen	Targeted	NA
17-Feb-20	1.33989	103.80151	ENW_T1_13	805	Psittacula longicauda	5	Seen	Targeted	NA
17-Feb-20	1.34250	103.80097	ENW_T1_09	823	Psittacula longicauda	4	Seen	Targeted	NA
17-Feb-20	1.34408	103.80014	ENW_T1_06	854	Psittacula longicauda	5	Seen	Targeted	NA
17-Feb-20	1.34465	103.79979	ENW_T1_05	902	Psittacula longicauda	18	Seen	Targeted	NA
17-Feb-20	1.34250	103.80097	ENW_T1_09	822	Pycnonotus goiavier	1	Seen	Targeted	NA
17-Feb-20	1.34447	103.79939	ENW_T1_04	904	Pycnonotus goiavier	1	Heard	Targeted	NA
17-Feb-20	1.34130	103.80117	ENW_T1_11	814	Pycnonotus plumosus	2	Seen	Targeted	NA
17-Feb-20	1.33802	103.79985	ENW_T1_16	745	Pycnonotus zeylanicus	1	Heard	Targeted	NA
17-Feb-20	1.33963	103.80127	ENW_T1_14	804	Pycnonotus zeylanicus	2	Heard	Targeted	NA
17-Feb-20	1.34201	103.80068	ENW_T1_10	819	Pycnonotus zeylanicus	1	Heard	Targeted	NA
17-Feb-20	1.34301	103.80108	ENW_T1_09	824	Pycnonotus zeylanicus	1	Heard	Targeted	NA
17-Feb-20	1.34469	103.79912	ENW_T1_04	907	Pycnonotus zeylanicus	1	Heard	Targeted	NA
17-Feb-20	1.34115	103.80131	ENW_T1_11	811	Rallina fasciata	1	Heard	Targeted	NA
17-Feb-20	1.34130	103.80117	ENW_T1_11	815	Rhipidura javanica	1	Heard	Targeted	NA
17-Feb-20	1.34250	103.80097	ENW_T1_09	822	Spilopelia chinensis	1	Seen	Targeted	NA
17-Feb-20	1.34447	103.79939	ENW_T1_04	904	Todiramphus chloris	1	Heard	Targeted	NA
17-Feb-20	1.33930	103.80080	ENW_T1_14	800	Treron vernans	1	Seen	Targeted	NA
17-Feb-20	1.34130	103.80117	ENW_T1_11	814	Treron vernans	1	Seen	Targeted	NA
17-Feb-20	1.33860	103.80038	ENW_T1_15	753	Trichoglossus haematodus	2	Seen	Targeted	NA
17-Feb-20	1.34351	103.80103	ENW_T1_07	840	Trichoglossus haematodus	1	Heard	Targeted	NA
17-Feb-20	1.34430	103.80001	ENW_T1_05	858	Tupaia glis	1	Seen	Incidental	NA
17-Feb-20	1.33802	103.79985	ENW_T1_16	745	Unidentified_Apodidae	1	Seen	Targeted	NA
19-Feb-20	1.34479	103.79802	NA	NA	Nest_Unidentified_Raptor	1	Seen	Incidental	Raptor nest
19-Feb-20	1.34430	103.79816	NA	937	Pernis ptilorhyncus	1	Seen	Incidental	Perched on Falcataria
20-Feb-20	1.34000	103.80277	ENW_A1_04	0848-	Barbodes rhombeus	3	Seen	Point Count	NA
20-Feb-20	1.33932	103.80270	ENW_A1_05	0906-	Barbodes rhombeus	8	Seen	Point Count	NA
20-Feb-20	1.33997	103.80275	ENW_T2_06	853	Chrysococcyx minutillus	1	Seen	Incidental	NA
20-Feb-20	1.34324	103.80153	ENW_A1_01	0749-	NA	NA	Seen	Point Count	NA
20-Feb-20	1.34234	103.80232	ENW_A1_02	0804-	NA	NA	Seen	Point Count	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
20-Feb-20	1.33881	103.80157	ENW_A1_06	0926-	NA	NA	Seen	Point Count	NA
20-Feb-20	1.34108	103.80256	ENW_A1_03	0830-	Poecilia reticulata	14	Seen	Point Count	NA
20-Feb-20	1.33932	103.80270	ENW_A1_05	0906-	Poecilia reticulata	40	Seen	Point Count	NA
21-Feb-20	1.34324	103.80153	ENW_A1_01	0939-	Acisoma panorpoides	1	Seen	Incidental	NA
21-Feb-20	1.34244	103.80207	ENW_T2_09	958	Agrionoptera insignis	1	Seen	Incidental	Dead in web
21-Feb-20	1.34234	103.80216	ENW_T2_09	1032	Ahaetulla prasina	1	Seen	Incidental	NA
21-Feb-20	1.34277	103.80195	ENW_T2_09	1006	Ampittia dioscorides camertes	1	Seen	Incidental	NA
21-Feb-20	1.34264	103.80204	ENW_T2_09	954	Brachydiplax chalybea	1	Seen	Incidental	Feeding on midges
21-Feb-20	1.33848	103.80116	ENW_T2_02	907	Burara sp.	1	Seen	Incidental	NA
21-Feb-20	1.34153	103.80089	ENW_T1_11	1031	Centropus bengalensis	1	Seen	Incidental	NA
21-Feb-20	1.34264	103.80204	ENW_T2_09	954	Ceriagrion cerinorubellum	1	Seen	Incidental	NA
21-Feb-20	1.34324	103.80153	ENW_A1_01	0939-	Ceriagrion cerinorubellum	1	Seen	Incidental	NA
21-Feb-20	1.34234	103.80232	ENW_A1_02	1001-	Ceriagrion cerinorubellum	1	Seen	Incidental	NA
21-Feb-20	1.34264	103.80204	ENW_T2_09	954	Copera marginipes	1	Seen	Incidental	NA
21-Feb-20	1.34234	103.80232	ENW_A1_02	1001-	Copera marginipes	1	Seen	Incidental	NA
21-Feb-20	1.34261	103.80076	ENW_T1_09	0917-	Diplacodes trivialis	1	Seen	Incidental	NA
21-Feb-20	1.33825	103.80082	ENW_T2_02	902	Elymnias hypermnestra agina	1	Seen	Incidental	NA
21-Feb-20	1.34295	103.80169	ENW_T2_10	1021	Euchrysops cneius cneius	1	Seen	Incidental	NA
21-Feb-20	1.34291	103.80151	ENW_T2_10	1024	Euchrysops cneius cneius	1	Seen	Incidental	NA
21-Feb-20	1.33825	103.80069	ENW_T2_02	901	Eurema sari sodalis	1	Seen	Incidental	NA
21-Feb-20	1.33829	103.79999	ENW_T1_16	854	Eurema sp.	1	Seen	Incidental	NA
21-Feb-20	1.33797	103.80034	ENW_T2_01	856	Eurema sp.	1	Seen	Incidental	NA
21-Feb-20	1.33865	103.80135	ENW_T2_03	912	Eurema sp.	1	Seen	Incidental	NA
21-Feb-20	1.33875	103.80159	ENW_T2_03	915	Eurema sp.	1	Seen	Incidental	NA
21-Feb-20	1.34025	103.80267	ENW_T2_06	931	Eurema sp.	1	Seen	Incidental	NA
21-Feb-20	1.34290	103.80184	ENW_T2_09	1018	Eurema sp.	2	Seen	Incidental	NA
21-Feb-20	1.34287	103.80163	ENW_T2_10	1022	Eurema sp.	1	Seen	Incidental	NA
21-Feb-20	1.34261	103.80076	ENW_T1_09	0917-	Exuviae Anax guttatus	1	Seen	Incidental	Exuviae
21-Feb-20	1.34239	103.80209	ENW_T2_09	959	Hydrobasileus croceus	1	Seen	Incidental	NA
21-Feb-20	1.33825	103.79992	ENW_T1_16	853	Iambrix salsala salsala	1	Seen	Incidental	NA
21-Feb-20	1.34025	103.80267	ENW_T2_06	931	Iambrix salsala salsala	1	Seen	Incidental	NA
21-Feb-20	1.34097	103.80247	ENW_T2_07	946	Iambrix salsala salsala	3	Seen	Incidental	NA
21-Feb-20	1.34141	103.80232	NA	951	Iambrix salsala salsala	1	Seen	Incidental	NA
21-Feb-20	1.34183	103.80239	ENW_T2_08	954	Iambrix salsala salsala	1	Seen	Incidental	Feeding on Bidens pilosa
21-Feb-20	1.34277	103.80195	ENW_T2_09	1005	Iambrix salsala salsala	1	Seen	Incidental	NA
21-Feb-20	1.34118	103.80236	ENW_T2_07	948	Jamides celeno aelianus	1	Seen	Incidental	NA
21-Feb-20	1.34141	103.80232	NA	951	Jamides celeno aelianus	1	Seen	Incidental	NA
21-Feb-20	1.34186	103.80235	ENW_T2_08	955	Jamides celeno aelianus	1	Seen	Incidental	NA
21-Feb-20	1.34273	103.80199	ENW_T2_09	953	Lathrecista asiatica	2	Seen	Incidental	NA
21-Feb-20	1.34234	103.80232	ENW_A1_02	1001-	Lathrecista asiatica	1	Seen	Incidental	NA
21-Feb-20	1.33836	103.80085	ENW_T2_02	903	Mycalesis perseoides perseoides	1	Seen	Incidental	NA
21-Feb-20	1.34118	103.80236	ENW_T2_07	948	Mycalesis perseoides perseoides	1	Seen	Incidental	NA
21-Feb-20	1.34186	103.80235	ENW_T2_08	955	Mycalesis perseoides perseoides	1	Seen	Incidental	NA
21-Feb-20	1.34209	103.80222	ENW_T2_08	956	Mycalesis perseoides perseoides	1	Seen	Incidental	NA
21-Feb-20	1.34295	103.80169	ENW_T2_10	1021	Mycalesis perseoides perseoides	1	Seen	Incidental	NA
21-Feb-20	1.34290	103.80160	ENW_T2_10	1023	Mycalesis perseus cepheus	1	Seen	Incidental	NA
21-Feb-20	1.33822	103.79982	ENW_T1_16	851	Mycalesis sp.	2	Seen	Incidental	NA
21-Feb-20	1.33835	103.80081	ENW_T2_02	904	Mycalesis sp.	1	Seen	Incidental	NA
21-Feb-20	1.34025	103.80267	ENW_T2_06	931	Mycalesis sp.	1	Seen	Incidental	NA
21-Feb-20	1.33835	103.80081	ENW_T2_02	904	Mycalesis visala phamis	1	Seen	Incidental	NA
21-Feb-20	1.33865	103.80135	ENW_T2_03	912	Mycalesis visala phamis	1	Seen	Incidental	NA
21-Feb-20	1.34033	103.80267	ENW_T2_06	933	Mycalesis visala phamis	1	Seen	Incidental	NA
21-Feb-20	1.34106	103.80240	ENW_T2_07	947	Mycalesis visala phamis	1	Seen	Incidental	NA
21-Feb-20	1.34252	103.80201	ENW_T2_09	1003	Mycalesis visala phamis	1	Seen	Incidental	NA
21-Feb-20	1.34277	103.80195	ENW_T2_09	1006	Mycalesis visala phamis	1	Seen	Incidental	NA
21-Feb-20	1.34261	103.80076	ENW_T1_09	0917-	Neurothemis fluctuans	4	Seen	Incidental	NA
21-Feb-20	1.34033	103.80267	ENW_T2_06	934	Orsotriaena medus cinerea	1	Seen	Incidental	NA
21-Feb-20	1.34043	103.80269	ENW_T2_06	936	Orsotriaena medus cinerea	1	Seen	Incidental	NA
21-Feb-20	1.34264	103.80204	ENW_T2_09	954	Orthetrum chrysis	1	Seen	Incidental	Feeding on midges
21-Feb-20	1.33817	103.80017	ENW_T2_01	855	Papilio polytes romulus	1	Seen	Incidental	NA
21-Feb-20	1.34025	103.80267	ENW_T2_06	931	Papilio polytes romulus	1	Seen	Incidental	NA
21-Feb-20	1.34277	103.80195	ENW_T2_09	1005	Papilio polytes romulus	1	Seen	Incidental	NA
21-Feb-20	1.34284	103.80189	ENW_T2_09	1012	Papilio polytes romulus	1	Seen	Incidental	NA
21-Feb-20	1.34284	103.80182	ENW_T2_09	1013	Papilio polytes romulus	1	Seen	Incidental	NA
21-Feb-20	1.34290	103.80184	ENW_T2_09	1018	Papilio polytes romulus	1	Seen	Incidental	NA
21-Feb-20	1.33996	103.80274	ENW_FT_07	1030	Poecilia reticulata	1	Seen	Trapping	NA
21-Feb-20	1.33825	103.79992	ENW_T1_16	853	Potanthus omaha omaha	1	Seen	Incidental	NA
21-Feb-20	1.34288	103.80183	ENW_T2_09	1015	Potanthus omaha omaha	1	Seen	Incidental	NA
21-Feb-20	1.34311	103.80106	ENW_T1_08	935	Rhodothemis rufa	2	Seen	Incidental	Male and female
21-Feb-20	1.34196	103.80236	ENW_T2_08	1034	Rhodothemis rufa	1	Seen	Incidental	NA
21-Feb-20	1.34324	103.80153	ENW_A1_01	0939-	Rhodothemis rufa	2	Seen	Incidental	Male and female
21-Feb-20	1.33658	103.79884	NA	NA	Roadkill Paradoxurus musangus	1	Seen	Incidental	150m south of Fairways
21-Feb-20	1.34077	103.80252	ENW_T2_07	940	Ypthima horsfieldii humei	1	Seen	Incidental	NA
21-Feb-20	1.34097	103.80247	ENW_T2_07	946	Ypthima horsfieldii humei	1	Seen	Incidental	NA
21-Feb-20	1.34141	103.80232	NA	951	Ypthima horsfieldii humei	1	Seen	Incidental	NA
21-Feb-20	1.34277	103.80195	ENW_T2_09	1011	Ypthima horsfieldii humei	1	Seen	Incidental	NA
21-Feb-20	1.33825	103.79992	ENW_T1_16	853	Ypthima sp.	2	Seen	Incidental	NA
21-Feb-20	1.34033	103.80267	ENW_T2_06	934	Ypthima sp.	1	Seen	Incidental	NA
21-Feb-20	1.34067	103.80258	ENW_T2_07	939	Ypthima sp.	1	Seen	Incidental	NA
21-Feb-20	1.34077	103.80252	ENW_T2_07	940	Ypthima sp.	1	Seen	Incidental	NA
21-Feb-20	1.34277	103.80195	ENW_T2_09	1005	Ypthima sp.	3	Seen	Incidental	NA
21-Feb-20	1.34277	103.80195	ENW_T2_09	1011	Ypthima sp.	1	Seen	Incidental	NA
21-Feb-20	1.34288	103.80184	ENW_T2_09	1017	Antepipona sp. nr. bipustulata	1	Seen	Incidental	NA
21-Feb-20	1.33825	103.79992	ENW_T1_16	853	Apis cerana	1	Seen	Incidental	Feeding on Mimosa
21-Feb-20	1.34284	103.80182	ENW_T2_09	1013	Apis cerana	1	Seen	Incidental	Feeding on Asystasia
21-Feb-20	1.34287	103.80183	ENW_T2_09	1015	Apis cerana	1	Seen	Incidental	Feeding on Muntingia
21-Feb-20	1.34290	103.80184	ENW_T2_09	1018	Isodontia diodon	1	Seen	Incidental	Collected
21-Feb-20	1.34044	103.80270	ENW_T2_06	936	Liostenogaster variicta	1	Seen	Incidental	NA
21-Feb-20	1.34097	103.80247	ENW_T2_07	946	Nest Ropalidia stigma	NA	Seen	Incidental	Abandoned nest

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
21-Feb-20	1.34141	103.80232	NA	951	Ropalidia stigma	1	Seen	Incidental	NA
21-Feb-20	1.34097	103.80247	ENW_T2_07	944	Sphex diabolicus	2	Seen	Incidental	NA
21-Feb-20	1.34252	103.80201	ENW_T2_09	1003	Stenodyneriellus guttulatus	1	Seen	Incidental	NA
21-Feb-20	1.34288	103.80184	ENW_T2_09	1017	Thyreus ceylonicus	1	Seen	Incidental	Bee. Collected
21-Feb-20	1.33803	103.79982	ENW_T1_16	850	Xylocopa latipes	1	Seen	Incidental	NA
6-Mar-20	1.34293	103.80151	ENW_T2_10	1116	Acraea terpsicore	2	Seen	Targeted	Feeding on Bidens pilosa
6-Mar-20	1.34293	103.80147	ENW_T2_10	1120	Acraea terpsicore	2	Seen	Targeted	NA
6-Mar-20	1.34167	103.80245	ENW_T2_08	1026	Agrionoptera insignis	1	Seen	Targeted	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1110	Ampittia dioscorides camertes	1	Seen	Targeted	Feeding on Asystasia
6-Mar-20	1.34324	103.80153	ENW_A1_01	0945-	Brachydiplax chalybea	3	Seen	Point Count	NA
6-Mar-20	1.34113	103.80245	ENW_T2_07	1029	Cacomantis sonneratii	1	Heard	Incidental	NA
6-Mar-20	1.34280	103.80196	ENW_T2_09	958	Ceriagrion cerinorubellum	1	Seen	Targeted	NA
6-Mar-20	1.34278	103.80193	ENW_T2_09	1000	Ceriagrion cerinorubellum	2	Seen	Incidental	NA
6-Mar-20	1.34193	103.80236	ENW_T2_08	1022	Ceriagrion cerinorubellum	1	Seen	Targeted	NA
6-Mar-20	1.34324	103.80153	ENW_A1_01	0945-	Ceriagrion cerinorubellum	1	Seen	Point Count	NA
6-Mar-20	1.34268	103.80199	ENW_T2_09	1003	Copera marginipes	1	Seen	Incidental	NA
6-Mar-20	1.34209	103.80227	ENW_T2_08	1021	Copera marginipes	1	Seen	Targeted	NA
6-Mar-20	1.34108	103.80256	ENW_A1_03	1036-	Copera marginipes	2	Seen	Point Count	NA
6-Mar-20	1.33760	103.79984	NA	925	Ducula bicolor	7	Seen	Incidental	NA
6-Mar-20	1.33837	103.80072	ENW_T2_02	943	Elymnias panthera panthera	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80147	ENW_T2_10	1119	Euchrysops cneius cneius	2	Seen	Targeted	NA
6-Mar-20	1.34312	103.80146	ENW_T2_10	1122	Euchrysops cneius cneius	1	Seen	Targeted	NA
6-Mar-20	1.33807	103.80058	ENW_T2_01	937	Eurema andersonii andersonii	1	Seen	Targeted	NA
6-Mar-20	1.34173	103.80240	ENW_T2_08	1046	Eurema hecabe contubernalis	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80151	ENW_T2_10	1116	Eurema hecabe contubernalis	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80151	ENW_T2_10	1118	Eurema hecabe contubernalis	1	Seen	Targeted	Feeding on Bidens pilosa
6-Mar-20	1.33821	103.80068	ENW_T2_01	939	Eurema sari sodalis	2	Seen	Targeted	NA
6-Mar-20	1.33827	103.80079	ENW_T2_02	940	Eurema sari sodalis	1	Seen	Targeted	NA
6-Mar-20	1.33797	103.80044	ENW_T2_01	936	Eurema sp.	3	Seen	Targeted	NA
6-Mar-20	1.33878	103.80157	ENW_T2_03	951	Eurema sp.	1	Seen	Targeted	NA
6-Mar-20	1.33918	103.80215	ENW_T2_04	958	Eurema sp.	1	Seen	Targeted	NA
6-Mar-20	1.34074	103.80259	ENW_T2_07	1016	Eurema sp.	1	Seen	Targeted	NA
6-Mar-20	1.34081	103.80254	ENW_T2_07	1017	Eurema sp.	2	Seen	Targeted	NA
6-Mar-20	1.34140	103.80228	ENW_T2_07	1042	Eurema sp.	2	Seen	Targeted	NA
6-Mar-20	1.34278	103.80194	ENW_T2_09	1103	Eurema sp.	1	Seen	Targeted	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1107	Eurema sp.	1	Seen	Targeted	NA
6-Mar-20	1.34020	103.80271	ENW_T2_06	1010	Euthalia monina monina	1	Seen	Targeted	NA
6-Mar-20	1.33932	103.80270	ENW_A1_05	1110-	Exuviae_Unidentified Odonate	1	Seen	Incidental	Could be forest species
6-Mar-20	1.33878	103.80157	ENW_T2_03	951	Iambrix salsala salsala	1	Seen	Targeted	NA
6-Mar-20	1.34115	103.80234	ENW_T2_07	1033	Iambrix salsala salsala	1	Seen	Targeted	NA
6-Mar-20	1.34188	103.80242	ENW_T2_08	1053	Iambrix salsala salsala	1	Seen	Targeted	NA
6-Mar-20	1.34242	103.80205	ENW_T2_09	1058	Iambrix salsala salsala	1	Seen	Targeted	NA
6-Mar-20	1.34188	103.80242	ENW_T2_08	1051	Irena puella	1	Seen	Incidental	NA
6-Mar-20	1.34173	103.80240	ENW_T2_08	1046	Jamides celeno aelianus	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80151	ENW_T2_10	1116	Jamides celeno aelianus	1	Seen	Targeted	Feeding on Bidens pilosa
6-Mar-20	1.34293	103.80147	ENW_T2_10	1120	Jamides celeno aelianus	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80151	ENW_T2_10	1118	Junonia hedonia ida	1	Seen	Targeted	NA
6-Mar-20	1.34312	103.80146	ENW_T2_10	1122	Lampides boeticus	1	Seen	Targeted	NA
6-Mar-20	1.34242	103.80205	ENW_T2_09	1058	Leptosia nina malayana	1	Seen	Targeted	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1108	Logania marmorata damis	1	Seen	Targeted	NA
6-Mar-20	1.34113	103.80245	ENW_T2_07	1029	Miletus sp.	1	Seen	Targeted	NA
6-Mar-20	1.33848	103.80111	ENW_T2_02	946	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
6-Mar-20	1.33848	103.80111	ENW_T2_02	946	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
6-Mar-20	1.34040	103.80267	ENW_T2_06	1012	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
6-Mar-20	1.34051	103.80266	ENW_T2_06	1013	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80147	ENW_T2_10	1121	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
6-Mar-20	1.33823	103.80010	ENW_T2_01	932	Mycalesis sp.	1	Seen	Targeted	NA
6-Mar-20	1.33837	103.80072	ENW_T2_02	943	Mycalesis sp.	2	Seen	Targeted	NA
6-Mar-20	1.34051	103.80266	ENW_T2_06	1013	Mycalesis sp.	1	Seen	Targeted	NA
6-Mar-20	1.34074	103.80259	ENW_T2_07	1016	Mycalesis sp.	3	Seen	Targeted	NA
6-Mar-20	1.34115	103.80234	ENW_T2_07	1033	Mycalesis sp.	1	Seen	Targeted	NA
6-Mar-20	1.34199	103.80234	ENW_T2_08	1054	Mycalesis sp.	1	Seen	Targeted	NA
6-Mar-20	1.34263	103.80200	ENW_T2_09	1101	Mycalesis sp.	1	Seen	Targeted	NA
6-Mar-20	1.34278	103.80194	ENW_T2_09	1103	Mycalesis sp.	1	Seen	Targeted	NA
6-Mar-20	1.34298	103.80173	ENW_T2_10	1113	Mycalesis sp.	1	Seen	Targeted	NA
6-Mar-20	1.33823	103.80010	ENW_T2_01	932	Mycalesis visala phamis	1	Seen	Targeted	NA
6-Mar-20	1.33837	103.80072	ENW_T2_02	943	Mycalesis visala phamis	1	Seen	Targeted	NA
6-Mar-20	1.33878	103.80157	ENW_T2_03	949	Mycalesis visala phamis	1	Seen	Targeted	NA
6-Mar-20	1.34263	103.80200	ENW_T2_09	1101	Mycalesis visala phamis	1	Seen	Targeted	NA
6-Mar-20	1.34261	103.80107	ENW_T1_09	942	Naia sumatrana	1	Seen	Incidental	NA
6-Mar-20	1.34282	103.80188	ENW_T2_09	1104	Neptis hylas papaja	1	Seen	Targeted	NA
6-Mar-20	1.34243	103.80209	ENW_T2_09	1012	Neurothemis fluctuans	1	Seen	Targeted	NA
6-Mar-20	1.34324	103.80153	ENW_A1_01	0945-	Neurothemis fluctuans	1	Seen	Point Count	NA
6-Mar-20	1.33809	103.79979	ENW_T1_16	930	Orsotriaena medus cinerea	1	Seen	Targeted	NA
6-Mar-20	1.33920	103.80230	ENW_T2_04	1125	Orthetrum chrysis	2	Seen	Incidental	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1111	Papilio polytes romulus	1	Seen	Targeted	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1109	Potanthus omaha omaha	1	Seen	Targeted	NA
6-Mar-20	1.34324	103.80153	ENW_A1_01	0945-	Pseudagrion microcephalum	1	Seen	Point Count	NA
6-Mar-20	1.34193	103.80236	ENW_T2_08	1022	Rhyothemis phyllis	1	Seen	Targeted	NA
6-Mar-20	1.34154	103.80240	ENW_T2_08	1029	Rhyothemis phyllis	1	Seen	Targeted	NA
6-Mar-20	1.34091	103.80256	ENW_T2_07	1046	Rhyothemis phyllis	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80151	ENW_T2_10	1116	Suastus gremius gremius	2	Seen	Targeted	Feeding on Bidens pilosa
6-Mar-20	1.33980	103.80139	ENW_T1_13	1134	Symbrenthia hippoclus selangorana	1	Seen	Targeted	NA
6-Mar-20	1.33829	103.80081	ENW_T2_02	941	Tanaecia pelea pelea	2	Seen	Targeted	NA
6-Mar-20	1.34268	103.80199	ENW_T2_09	1003	Teneral_Unidentified Odonate	1	Seen	Incidental	NA
6-Mar-20	1.34280	103.80196	ENW_T2_09	958	Tholymis tillarga	1	Seen	Targeted	NA
6-Mar-20	1.33760	103.79984	NA	1145	Unidentified_Ciconiidae	1	Seen	Incidental	Fly overhead
6-Mar-20	1.33809	103.79979	ENW_T1_16	931	Ypthima horsfieldii humei	1	Seen	Targeted	NA
6-Mar-20	1.34248	103.80208	ENW_T2_09	1059	Ypthima horsfieldii humei	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
6-Mar-20	1.34256	103.80200	ENW_T2_09	1100	Ypthima horsfieldii humei	1	Seen	Targeted	NA
6-Mar-20	1.34095	103.80247	ENW_T2_07	1020	Ypthima sp.	1	Seen	Targeted	NA
6-Mar-20	1.34115	103.80234	ENW_T2_07	1037	Ameoilla andrewsi	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80151	ENW_T2_10	1117	Ameoilla andrewsi	1	Seen	Targeted	Collected
6-Mar-20	1.34140	103.80228	ENW_T2_07	1042	Antepipona sp. nr. bipustulata	1	Seen	Targeted	NA
6-Mar-20	1.34188	103.80242	ENW_T2_08	1053	Antepipona sp. nr. bipustulata	1	Seen	Targeted	NA
6-Mar-20	1.34248	103.80208	ENW_T2_09	1059	Antepipona sp. nr. bipustulata	1	Seen	Targeted	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1110	Antepipona sp. nr. bipustulata	10	Seen	Targeted	Feeding on Asystasia
6-Mar-20	1.34081	103.80254	ENW_T2_07	1017	Apis cerana	1	Seen	Targeted	NA
6-Mar-20	1.34115	103.80234	ENW_T2_07	1040	Apis cerana	1	Seen	Targeted	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1106	Apis cerana	4	Seen	Targeted	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1110	Apis cerana	10	Seen	Targeted	Feeding on Asystasia
6-Mar-20	1.34291	103.80185	ENW_T2_09	1107	Stenodynerjellus sp.	1	Seen	Targeted	Wasp
6-Mar-20	1.34095	103.80247	ENW_T2_07	1019	Megachile disjuncta	1	Seen	Targeted	NA
6-Mar-20	1.34115	103.80234	ENW_T2_07	1033	Polistes stigma	1	Seen	Targeted	NA
6-Mar-20	1.34104	103.80246	ENW_T2_07	1021	Ropalidia stigma	3	Seen	Targeted	On nest
6-Mar-20	1.34115	103.80234	ENW_T2_07	1037	Ropalidia stigma	1	Seen	Targeted	NA
6-Mar-20	1.34115	103.80234	ENW_T2_07	1037	Sphex diabolicus	1	Seen	Targeted	NA
6-Mar-20	1.34104	103.80246	ENW_T2_07	1027	Sphex diabolicus	1	Seen	Targeted	NA
6-Mar-20	1.34293	103.80147	ENW_T2_10	1121	Sphex subtruncatus	1	Seen	Targeted	NA
6-Mar-20	1.33809	103.79979	ENW_T1_16	930	Stenodynerjellus guttulatus	2	Seen	Targeted	NA
6-Mar-20	1.34291	103.80185	ENW_T2_09	1110	Stenodynerjellus guttulatus	10	Seen	Targeted	Feeding on Asystasia
6-Mar-20	1.34040	103.80267	ENW_T2_06	1012	Xylocopa latipes	1	Seen	Targeted	NA
6-Mar-20	1.34115	103.80234	ENW_T2_07	1033	Xylocopa latipes	1	Seen	Targeted	NA
9-Mar-20	1.34255	103.80098	ENW_T1_09	2048	Ahaetulla prasina	1	Seen	Targeted	NA
9-Mar-20	1.34273	103.80104	ENW_T1_09	2050	Ahaetulla prasina	1	Seen	Targeted	NA
9-Mar-20	1.34450	103.79931	ENW_T1_04	2151	Ahaetulla prasina	1	Seen	Targeted	NA
9-Mar-20	1.33950	103.80107	ENW_T1_14	2013	Amaurornis phoenicurus	1	Seen	Targeted	NA
9-Mar-20	1.34411	103.80013	ENW_T1_06	2134	Calotes versicolor	1	Seen	Targeted	NA
9-Mar-20	1.33940	103.80098	ENW_T1_14	2010	Caprimulgus macrurus	1	Heard	Targeted	NA
9-Mar-20	1.34086	103.80155	ENW_T1_12	2029	Caprimulgus macrurus	1	Heard	Targeted	NA
9-Mar-20	1.34182	103.80070	ENW_T1_10	2040	Caprimulgus macrurus	1	Heard	Targeted	NA
9-Mar-20	1.34289	103.80111	ENW_T1_09	2052	Caprimulgus macrurus	1	Heard	Targeted	NA
9-Mar-20	1.34374	103.80063	ENW_T1_07	2120	Dendrelaphis koopsteini	1	Seen	Targeted	NA
9-Mar-20	1.33842	103.80013	ENW_T2_01	1957	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Mar-20	1.33873	103.80053	ENW_T1_15	2001	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Mar-20	1.33879	103.80059	ENW_T1_15	2002	Dendrelaphis pictus	3	Seen	Targeted	NA
9-Mar-20	1.33918	103.80082	ENW_T1_14	2008	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Mar-20	1.33940	103.80098	ENW_T1_14	2010	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Mar-20	1.33950	103.80107	ENW_T1_14	2013	Dendrelaphis pictus	2	Seen	Targeted	NA
9-Mar-20	1.33956	103.80120	ENW_T1_14	2016	Dendrelaphis pictus	4	Seen	Targeted	NA
9-Mar-20	1.34036	103.80167	ENW_T1_12	2024	Dendrelaphis pictus	3	Seen	Targeted	NA
9-Mar-20	1.34107	103.80144	ENW_T1_11	2032	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Mar-20	1.34157	103.80088	ENW_T1_11	2038	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Mar-20	1.34182	103.80070	ENW_T1_10	2040	Dendrelaphis pictus	3	Seen	Targeted	NA
9-Mar-20	1.34203	103.80071	ENW_T1_10	2043	Dendrelaphis pictus	2	Seen	Targeted	NA
9-Mar-20	1.34227	103.80082	ENW_T1_10	2045	Dendrelaphis pictus	2	Seen	Targeted	NA
9-Mar-20	1.34255	103.80098	ENW_T1_09	2048	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Mar-20	1.34289	103.80111	ENW_T1_09	2052	Dendrelaphis pictus	2	Seen	Targeted	NA
9-Mar-20	1.34326	103.80100	ENW_T1_07	2055	Dendrelaphis pictus	5	Seen	Targeted	NA
9-Mar-20	1.34341	103.80141	ENW_T1_08	2103	Dendrelaphis pictus	2	Seen	Targeted	NA
9-Mar-20	1.34397	103.80045	ENW_T1_06	2127	Dendrelaphis pictus	4	Seen	Targeted	NA
9-Mar-20	1.34393	103.80019	ENW_T1_06	2131	Dendrelaphis pictus	2	Seen	Targeted	NA
9-Mar-20	1.34411	103.80013	ENW_T1_06	2134	Dendrelaphis pictus	4	Seen	Targeted	NA
9-Mar-20	1.34429	103.80000	ENW_T1_05	2137	Dendrelaphis pictus	3	Seen	Targeted	NA
9-Mar-20	1.34460	103.79987	ENW_T1_05	2144	Dendrelaphis pictus	4	Seen	Targeted	NA
9-Mar-20	1.34450	103.79931	ENW_T1_04	2151	Dendrelaphis pictus	2	Seen	Targeted	NA
9-Mar-20	1.34504	103.79919	ENW_T1_03	2159	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Mar-20	1.34609	103.79862	ENW_T1_02	2220	Dendrelaphis pictus	2	Seen	Targeted	NA
9-Mar-20	1.34537	103.79821	ENW_T1_01	2231	Dicrurus paradiseus	1	Seen	Targeted	NA
9-Mar-20	1.33830	103.79992	ENW_T1_16	1955	Eleutherodactylus planirostris	3	Heard	Targeted	NA
9-Mar-20	1.33918	103.80082	ENW_T1_14	2008	Eleutherodactylus planirostris	1	Heard	Targeted	NA
9-Mar-20	1.33950	103.80107	ENW_T1_14	2013	Eleutherodactylus planirostris	12	Heard	Targeted	NA
9-Mar-20	1.34182	103.80070	ENW_T1_10	2040	Eleutherodactylus planirostris	2	Heard	Targeted	NA
9-Mar-20	1.34227	103.80082	ENW_T1_10	2045	Eleutherodactylus planirostris	1	Heard	Targeted	NA
9-Mar-20	1.34393	103.80019	ENW_T1_06	2131	Feiervarya limnocharis	20	Heard	Targeted	NA
9-Mar-20	1.34566	103.79847	ENW_T1_01	2225	Galeopterus variegatus	1	Seen	Targeted	Grey morph. D: ~10m.
9-Mar-20	1.34273	103.80104	ENW_T1_09	2050	Limnonectes blythii	1	Seen	Targeted	NA
9-Mar-20	1.33950	103.80107	ENW_T1_14	2013	Microhyla butleri	1	Heard	Targeted	NA
9-Mar-20	1.33956	103.80120	ENW_T1_14	2016	Microhyla butleri	1	Heard	Targeted	NA
9-Mar-20	1.34086	103.80155	ENW_T1_12	2030	Microhyla butleri	2	Heard	Targeted	NA
9-Mar-20	1.34107	103.80144	ENW_T1_11	2032	Microhyla butleri	3	Heard	Targeted	NA
9-Mar-20	1.34203	103.80071	ENW_T1_10	2043	Microhyla butleri	1	Heard	Targeted	NA
9-Mar-20	1.34326	103.80100	ENW_T1_07	2055	Microhyla butleri	3	Heard	Targeted	NA
9-Mar-20	1.34393	103.80019	ENW_T1_06	2131	Microhyla butleri	10	Heard	Targeted	NA
9-Mar-20	1.34460	103.79987	ENW_T1_05	2144	Microhyla butleri	1	Heard	Targeted	NA
9-Mar-20	1.34566	103.79847	ENW_T1_01	2225	Microhyla butleri	1	Heard	Targeted	NA
9-Mar-20	1.34599	103.79808	ENW_T1_01	2241	Microhyla butleri	1	Heard	Targeted	NA
9-Mar-20	1.34261	103.80103	ENW_T1_09	2049	Microhyla heymonsi	30	Heard	Targeted	NA
9-Mar-20	1.34352	103.80105	ENW_T1_07	2114	Moult_Dendrelaphis caudolineatus	1	Seen	Targeted	Shed skin seen
9-Mar-20	1.34429	103.80000	ENW_T1_05	2137	Orthotomus atrogularis	1	Seen	Targeted	Sleeping
9-Mar-20	1.33763	103.79993	ENW_T1_16	1945	Otus lempiji	1	Heard	Targeted	NA
9-Mar-20	1.34247	103.80097	ENW_T1_09	2047	Otus lempiji	1	Heard	Targeted	NA
9-Mar-20	1.34255	103.80098	ENW_T1_09	2048	Polypedates leucomystax	1	Heard	Targeted	NA
9-Mar-20	1.34086	103.80155	ENW_T1_12	2030	Pycnonotus goiavier	3	Seen	Targeted	Roosting with juveniles
9-Mar-20	1.34289	103.80111	ENW_T1_09	2052	Pycnonotus goiavier	1	Seen	Targeted	NA
9-Mar-20	1.34321	103.80127	ENW_T1_08	2101	Pycnonotus goiavier	2	Seen	Targeted	NA
9-Mar-20	1.33978	103.80147	ENW_T1_13	2019	Rallina fasciata	1	Heard	Targeted	NA
9-Mar-20	1.34453	103.79916	ENW_T1_04	2153	Treron vernans	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
9-Mar-20	1.34086	103.80155	ENW_T1_12	2029	Unidentified_Bird	1	Seen	Targeted	brownish bulbul-like bird
9-Mar-20	1.33909	103.80072	ENW_T1_14	2006	Unidentified_Fruit bat	1	Seen	Targeted	NA
9-Mar-20	1.33940	103.80098	ENW_T1_14	2010	Unidentified_Fruit bat	2	Seen	Targeted	NA
9-Mar-20	1.34036	103.80167	ENW_T1_12	2024	Unidentified_Fruit bat	1	Seen	Targeted	NA
9-Mar-20	1.34126	103.80129	ENW_T1_11	2034	Unidentified_Fruit bat	1	Seen	Targeted	NA
9-Mar-20	1.34289	103.80111	ENW_T1_09	2052	Unidentified_Fruit bat	1	Seen	Targeted	NA
9-Mar-20	1.34460	103.79987	ENW_T1_05	2144	Unidentified_Fruit bat	2	Seen	Targeted	NA
9-Mar-20	1.34607	103.79883	ENW_T1_02	2218	Unidentified_Fruit bat	1	Seen	Targeted	NA
9-Mar-20	1.34566	103.79847	ENW_T1_01	2225	Unidentified_Fruit bat	1	Seen	Targeted	NA
9-Mar-20	1.34616	103.79801	ENW_T1_01	2242	Unidentified_Fruit bat	1	Seen	Targeted	NA
9-Mar-20	1.32326	103.81147	NA	1952	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195257.wav
9-Mar-20	1.32326	103.81147	NA	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_194959.wav
9-Mar-20	1.32326	103.81147	NA	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_194939.wav
9-Mar-20	1.32326	103.81147	NA	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195313.wav
9-Mar-20	1.32326	103.81147	NA	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195338.wav
9-Mar-20	1.32326	103.81147	NA	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195353.wav
9-Mar-20	1.32326	103.81147	NA	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195400.wav
9-Mar-20	1.32326	103.81147	NA	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195415.wav
9-Mar-20	1.32326	103.81147	NA	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195426.wav
9-Mar-20	1.32326	103.81147	NA	1954	Myotis muricola	NA	Acoustic	Acoustic	20200309_195442.wav
9-Mar-20	1.32326	103.81147	NA	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195442.wav
9-Mar-20	1.32326	103.81147	NA	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195501.wav
9-Mar-20	1.32326	103.81147	NA	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195516.wav
9-Mar-20	1.32326	103.81147	NA	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195544.wav
9-Mar-20	1.32326	103.81147	NA	1956	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195627.wav
9-Mar-20	1.32326	103.81147	NA	1958	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195839.wav
9-Mar-20	1.32326	103.81147	NA	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195915.wav
9-Mar-20	1.32326	103.81147	NA	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195922.wav
9-Mar-20	1.32326	103.81147	NA	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195943.wav
9-Mar-20	1.32326	103.81147	NA	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_195957.wav
9-Mar-20	1.32326	103.81147	NA	2000	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200012.wav
9-Mar-20	1.32326	103.81147	NA	2000	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200029.wav
9-Mar-20	1.32326	103.81147	NA	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200118.wav
9-Mar-20	1.32326	103.81147	NA	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200133.wav
9-Mar-20	1.32326	103.81147	NA	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200148.wav
9-Mar-20	1.32326	103.81147	NA	2002	Myotis muricola	NA	Acoustic	Acoustic	20200309_200213.wav
9-Mar-20	1.32326	103.81147	NA	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200213.wav
9-Mar-20	1.32326	103.81147	NA	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200233.wav
9-Mar-20	1.32326	103.81147	NA	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200250.wav
9-Mar-20	1.32326	103.81147	NA	2003	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200303.wav
9-Mar-20	1.32326	103.81147	NA	2003	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200318.wav
9-Mar-20	1.32326	103.81147	NA	2003	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200326.wav
9-Mar-20	1.32326	103.81147	NA	2004	Myotis muricola	NA	Acoustic	Acoustic	20200309_200417.wav
9-Mar-20	1.32326	103.81147	NA	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200417.wav
9-Mar-20	1.32326	103.81147	NA	2004	Myotis muricola	NA	Acoustic	Acoustic	20200309_200426.wav
9-Mar-20	1.32326	103.81147	NA	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200426.wav
9-Mar-20	1.32326	103.81147	NA	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200452.wav
9-Mar-20	1.32326	103.81147	NA	2006	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200630.wav
9-Mar-20	1.32326	103.81147	NA	2006	Myotis muricola	NA	Acoustic	Acoustic	20200309_200652.wav
9-Mar-20	1.32326	103.81147	NA	2007	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200706.wav
9-Mar-20	1.32326	103.81147	NA	2009	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_200941.wav
9-Mar-20	1.32326	103.81147	NA	2010	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201054.wav
9-Mar-20	1.32326	103.81147	NA	2011	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201137.wav
9-Mar-20	1.32326	103.81147	NA	2012	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201228.wav
9-Mar-20	1.32326	103.81147	NA	2012	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201243.wav
9-Mar-20	1.32326	103.81147	NA	2013	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201320.wav
9-Mar-20	1.32326	103.81147	NA	2014	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201442.wav
9-Mar-20	1.32326	103.81147	NA	2015	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201529.wav
9-Mar-20	1.32326	103.81147	NA	2017	Myotis muricola	NA	Acoustic	Acoustic	20200309_201711.wav
9-Mar-20	1.32326	103.81147	NA	2017	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201711.wav
9-Mar-20	1.32326	103.81147	NA	2017	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201726.wav
9-Mar-20	1.32326	103.81147	NA	2017	Myotis muricola	NA	Acoustic	Acoustic	20200309_201741.wav
9-Mar-20	1.32326	103.81147	NA	2017	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201741.wav
9-Mar-20	1.32326	103.81147	NA	2017	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201748.wav
9-Mar-20	1.32326	103.81147	NA	2018	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201803.wav
9-Mar-20	1.32326	103.81147	NA	2018	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_201836.wav
9-Mar-20	1.32326	103.81147	NA	2020	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202036.wav
9-Mar-20	1.32326	103.81147	NA	2020	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202051.wav
9-Mar-20	1.32326	103.81147	NA	2021	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202135.wav
9-Mar-20	1.32326	103.81147	NA	2022	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202213.wav
9-Mar-20	1.32326	103.81147	NA	2023	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202307.wav
9-Mar-20	1.32326	103.81147	NA	2024	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202417.wav
9-Mar-20	1.32326	103.81147	NA	2024	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202438.wav
9-Mar-20	1.32326	103.81147	NA	2025	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202503.wav
9-Mar-20	1.32326	103.81147	NA	2026	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202608.wav
9-Mar-20	1.32326	103.81147	NA	2026	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202655.wav
9-Mar-20	1.32326	103.81147	NA	2027	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202710.wav
9-Mar-20	1.32326	103.81147	NA	2027	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202732.wav
9-Mar-20	1.32326	103.81147	NA	2028	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202802.wav
9-Mar-20	1.32326	103.81147	NA	2028	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200309_202847.wav
9-Mar-20	1.32326	103.81147	NA	2028	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202858.wav
9-Mar-20	1.32326	103.81147	NA	2029	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_202913.wav
9-Mar-20	1.32326	103.81147	NA	2029	Myotis muricola	NA	Acoustic	Acoustic	20200309_202944.wav
9-Mar-20	1.32326	103.81147	NA	2030	Myotis muricola	NA	Acoustic	Acoustic	20200309_203059.wav
9-Mar-20	1.32326	103.81147	NA	2030	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_203059.wav
9-Mar-20	1.32326	103.81147	NA	2031	Myotis muricola	NA	Acoustic	Acoustic	20200309_203115.wav
9-Mar-20	1.32326	103.81147	NA	2032	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200309_203244.wav
9-Mar-20	1.32326	103.81147	NA	2032	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200309_203253.wav
9-Mar-20	1.32326	103.81147	NA	2034	Myotis muricola	NA	Acoustic	Acoustic	20200309_203403.wav

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
9-Mar-20	1.32326	103.81147	NA	2034	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_203403.wav
9-Mar-20	1.32326	103.81147	NA	2034	Myotis muricola	NA	Acoustic	Acoustic	20200309_203415.wav
9-Mar-20	1.32326	103.81147	NA	2034	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_203415.wav
9-Mar-20	1.32326	103.81147	NA	2034	Myotis muricola	NA	Acoustic	Acoustic	20200309_203424.wav
9-Mar-20	1.32326	103.81147	NA	2035	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_203522.wav
9-Mar-20	1.32326	103.81147	NA	2035	Myotis muricola	NA	Acoustic	Acoustic	20200309_203543.wav
9-Mar-20	1.32326	103.81147	NA	2035	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_203543.wav
9-Mar-20	1.32326	103.81147	NA	2036	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_203603.wav
9-Mar-20	1.32326	103.81147	NA	2036	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_203659.wav
9-Mar-20	1.32326	103.81147	NA	2039	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_203902.wav
9-Mar-20	1.32326	103.81147	NA	2042	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204208.wav
9-Mar-20	1.32326	103.81147	NA	2042	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204223.wav
9-Mar-20	1.32326	103.81147	NA	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204303.wav
9-Mar-20	1.32326	103.81147	NA	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204316.wav
9-Mar-20	1.32326	103.81147	NA	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204331.wav
9-Mar-20	1.32326	103.81147	NA	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204347.wav
9-Mar-20	1.32326	103.81147	NA	2044	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204402.wav
9-Mar-20	1.32326	103.81147	NA	2044	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204410.wav
9-Mar-20	1.32326	103.81147	NA	2044	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204426.wav
9-Mar-20	1.32326	103.81147	NA	2044	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204441.wav
9-Mar-20	1.32326	103.81147	NA	2044	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204449.wav
9-Mar-20	1.32326	103.81147	NA	2044	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204457.wav
9-Mar-20	1.32326	103.81147	NA	2045	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204513.wav
9-Mar-20	1.32326	103.81147	NA	2045	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204538.wav
9-Mar-20	1.32326	103.81147	NA	2045	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204553.wav
9-Mar-20	1.32326	103.81147	NA	2046	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204605.wav
9-Mar-20	1.32326	103.81147	NA	2046	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204619.wav
9-Mar-20	1.32326	103.81147	NA	2046	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204628.wav
9-Mar-20	1.32326	103.81147	NA	2046	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204646.wav
9-Mar-20	1.32326	103.81147	NA	2047	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204704.wav
9-Mar-20	1.32326	103.81147	NA	2047	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204734.wav
9-Mar-20	1.32326	103.81147	NA	2047	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204749.wav
9-Mar-20	1.32326	103.81147	NA	2048	Myotis muricola	NA	Acoustic	Acoustic	20200309_204810.wav
9-Mar-20	1.32326	103.81147	NA	2048	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204810.wav
9-Mar-20	1.32326	103.81147	NA	2048	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204847.wav
9-Mar-20	1.32326	103.81147	NA	2049	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204931.wav
9-Mar-20	1.32326	103.81147	NA	2049	Myotis muricola	NA	Acoustic	Acoustic	20200309_204917.wav
9-Mar-20	1.32326	103.81147	NA	2049	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204917.wav
9-Mar-20	1.32326	103.81147	NA	2049	Myotis muricola	NA	Acoustic	Acoustic	20200309_204940.wav
9-Mar-20	1.32326	103.81147	NA	2049	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204940.wav
9-Mar-20	1.32326	103.81147	NA	2049	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_204955.wav
9-Mar-20	1.32326	103.81147	NA	2050	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205002.wav
9-Mar-20	1.32326	103.81147	NA	2050	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205008.wav
9-Mar-20	1.32326	103.81147	NA	2050	Myotis muricola	NA	Acoustic	Acoustic	20200309_205057.wav
9-Mar-20	1.32326	103.81147	NA	2050	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205057.wav
9-Mar-20	1.32326	103.81147	NA	2050	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205024.wav
9-Mar-20	1.32326	103.81147	NA	2051	Myotis muricola	NA	Acoustic	Acoustic	20200309_205120.wav
9-Mar-20	1.32326	103.81147	NA	2051	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205120.wav
9-Mar-20	1.32326	103.81147	NA	2051	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205129.wav
9-Mar-20	1.32326	103.81147	NA	2051	Myotis muricola	NA	Acoustic	Acoustic	20200309_205144.wav
9-Mar-20	1.32326	103.81147	NA	2051	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205144.wav
9-Mar-20	1.32326	103.81147	NA	2052	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205207.wav
9-Mar-20	1.32326	103.81147	NA	2052	Myotis muricola	NA	Acoustic	Acoustic	20200309_205240.wav
9-Mar-20	1.32326	103.81147	NA	2052	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205240.wav
9-Mar-20	1.32326	103.81147	NA	2053	Myotis muricola	NA	Acoustic	Acoustic	20200309_205300.wav
9-Mar-20	1.32326	103.81147	NA	2053	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205326.wav
9-Mar-20	1.32326	103.81147	NA	2053	Myotis muricola	NA	Acoustic	Acoustic	20200309_205353.wav
9-Mar-20	1.32326	103.81147	NA	2053	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205353.wav
9-Mar-20	1.32326	103.81147	NA	2054	Myotis muricola	NA	Acoustic	Acoustic	20200309_205408.wav
9-Mar-20	1.32326	103.81147	NA	2054	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205408.wav
9-Mar-20	1.32326	103.81147	NA	2054	Myotis muricola	NA	Acoustic	Acoustic	20200309_205423.wav
9-Mar-20	1.32326	103.81147	NA	2054	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205423.wav
9-Mar-20	1.32326	103.81147	NA	2055	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205544.wav
9-Mar-20	1.32326	103.81147	NA	2055	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205554.wav
9-Mar-20	1.32326	103.81147	NA	2056	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200309_205609.wav
9-Mar-20	1.32326	103.81147	NA	2056	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205609.wav
9-Mar-20	1.32326	103.81147	NA	2058	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205836.wav
9-Mar-20	1.32326	103.81147	NA	2058	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205858.wav
9-Mar-20	1.32326	103.81147	NA	2059	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205913.wav
9-Mar-20	1.32326	103.81147	NA	2059	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205928.wav
9-Mar-20	1.32326	103.81147	NA	2059	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205941.wav
9-Mar-20	1.32326	103.81147	NA	2059	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_205956.wav
9-Mar-20	1.32326	103.81147	NA	2129	Myotis muricola	NA	Acoustic	Acoustic	20200309_212907.wav
9-Mar-20	1.32326	103.81147	NA	2130	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_213011.wav
9-Mar-20	1.32326	103.81147	NA	2139	Myotis muricola	NA	Acoustic	Acoustic	20200309_213916.wav
9-Mar-20	1.32326	103.81147	NA	2139	Myotis muricola	NA	Acoustic	Acoustic	20200309_213958.wav
9-Mar-20	1.32326	103.81147	NA	2140	Myotis muricola	NA	Acoustic	Acoustic	20200309_214026.wav
9-Mar-20	1.32326	103.81147	NA	2140	Myotis muricola	NA	Acoustic	Acoustic	20200309_214040.wav
9-Mar-20	1.32326	103.81147	NA	2140	Myotis muricola	NA	Acoustic	Acoustic	20200309_214051.wav
9-Mar-20	1.32326	103.81147	NA	2142	Myotis muricola	NA	Acoustic	Acoustic	20200309_214220.wav
9-Mar-20	1.32326	103.81147	NA	2142	Myotis muricola	NA	Acoustic	Acoustic	20200309_214237.wav
9-Mar-20	1.32326	103.81147	NA	2143	Myotis muricola	NA	Acoustic	Acoustic	20200309_214317.wav
9-Mar-20	1.32326	103.81147	NA	2143	Myotis muricola	NA	Acoustic	Acoustic	20200309_214346.wav
9-Mar-20	1.32326	103.81147	NA	2145	Myotis muricola	NA	Acoustic	Acoustic	20200309_214546.wav
9-Mar-20	1.32326	103.81147	NA	2153	Myotis muricola	NA	Acoustic	Acoustic	20200309_215306.wav
9-Mar-20	1.32326	103.81147	NA	2204	Myotis muricola	NA	Acoustic	Acoustic	20200309_220441.wav
9-Mar-20	1.32326	103.81147	NA	2214	Myotis muricola	NA	Acoustic	Acoustic	20200309_221405.wav
9-Mar-20	1.32326	103.81147	NA	2214	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200309_221405.wav
9-Mar-20	1.32326	103.81147	NA	2219	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200309_221928.wav

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
9-Mar-20	1.32326	103.81147	NA	2221	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200309_222158.wav
9-Mar-20	1.32326	103.81147	NA	2222	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200309_222223.wav
11-Mar-20	1.34484	103.79787	NA	1110	Chalcophaps indica	1	Seen	Incidental	NA
11-Mar-20	1.34484	103.79787	NA	1112	Hypolimnas anomala anomala	1	Seen	Incidental	Flora survey.
11-Mar-20	1.34370	103.79980	NA	1102	Prosotas dubiosa lumpura	1	Seen	Incidental	Flora survey.
11-Mar-20	1.34377	103.80021	ENW_T1_06	1044	Troides helena cerberus	1	Seen	Incidental	NA
16-Mar-20	1.33759	103.79979	ENW_T1_16	705	Callosciurus notatus	1	Heard	Targeted	NA
16-Mar-20	1.33903	103.80068	ENW_T1_14	711	Callosciurus notatus	1	Seen	Targeted	NA
16-Mar-20	1.33956	103.80126	ENW_T1_14	716	Callosciurus notatus	1	Seen	Targeted	NA
16-Mar-20	1.34456	103.79962	ENW_T1_05	754	Callosciurus notatus	1	Seen	Targeted	NA
16-Mar-20	1.34476	103.79908	ENW_T1_04	803	Callosciurus notatus	1	Seen	Targeted	NA
16-Mar-20	1.34595	103.79889	ENW_T1_02	812	Callosciurus notatus	1	Seen	Targeted	NA
16-Mar-20	1.33956	103.80126	ENW_T1_14	716	Dendrelaphis pictus	1	Seen	Targeted	NA
16-Mar-20	1.33774	103.79982	NA	850	Macaca fascicularis	1	Seen	Incidental	NA
16-Mar-20	1.34455	103.79885	ENW_T1_04	758	Nest_Unidentified_Raptor	NA	Seen	Incidental	Nest only
18-Mar-20	1.33895	103.80063	ENW_T1_15	1148	Lanius tigrinus	1	Seen	Incidental	Flora survey.
25-Mar-20	1.34188	103.80262	ENW_T2_08	1130	Galeopterus variegatus	1	Seen	Incidental	Rufous morph
25-Mar-20	1.34180	103.80316	NA	NA	NA	1	Seen	Incidental	Possible tailor bird nest
25-Mar-20	1.34189	103.80291	NA	913	Sundasciurus tenuis	1	Seen	Incidental	Flora survey.
1-Apr-20	1.34188	103.80063	ENW_T1_10	NA	NA	1	Seen	Incidental	Honey bee hive. About 50
4-Apr-20	1.34110	103.80241	ENW_T2_07	2017	Amaurornis phoenicurus	1	Seen	Targeted	NA
4-Apr-20	1.34108	103.80256	ENW_A1_03	2009	Barbodes rhombeus	8	Seen	Point Count	NA
4-Apr-20	1.34000	103.80277	ENW_A1_04	2032	Barbodes rhombeus	10	Seen	Point Count	NA
4-Apr-20	1.33932	103.80270	ENW_A1_05	2050	Barbodes rhombeus	7	Seen	Point Count	NA
4-Apr-20	1.34013	103.80253	ENW_T2_06	2025	Caprimulgus macrurus	1	Seen	Targeted	NA
4-Apr-20	1.34324	103.80153	ENW_A1_01	1936	Channa striata	1	Seen	Point Count	NA
4-Apr-20	1.34234	103.80232	ENW_A1_02	1954	Channa striata	2	Seen	Point Count	NA
4-Apr-20	1.34108	103.80256	ENW_A1_03	2012	Clarias cf. batrachus	1	Seen	Point Count	NA
4-Apr-20	1.34311	103.80145	ENW_T2_10	1941	Dendrelaphis pictus	1	Seen	Targeted	NA
4-Apr-20	1.34283	103.80167	ENW_T2_10	1942	Dendrelaphis pictus	1	Seen	Targeted	NA
4-Apr-20	1.34094	103.80251	ENW_T2_07	2018	Dendrelaphis pictus	1	Seen	Targeted	NA
4-Apr-20	1.34047	103.80274	ENW_T2_06	2023	Dendrelaphis pictus	3	Seen	Targeted	NA
4-Apr-20	1.34009	103.80257	ENW_T2_06	2029	Dendrelaphis pictus	1	Seen	Targeted	NA
4-Apr-20	1.33865	103.80140	ENW_T2_03	2103	Dendrelaphis pictus	2	Seen	Targeted	NA
4-Apr-20	1.33865	103.80140	ENW_T2_03	2108	Dendrelaphis pictus	3	Seen	Targeted	NA
4-Apr-20	1.33823	103.80007	ENW_T2_01	2120	Dendrelaphis pictus	1	Seen	Targeted	NA
4-Apr-20	1.34094	103.80251	ENW_T2_07	2018	Eleutherodactylus planirostris	1	Heard	Targeted	NA
4-Apr-20	1.33923	103.80279	ENW_T2_05	2051	Eleutherodactylus planirostris	2	Heard	Targeted	NA
4-Apr-20	1.33922	103.80214	ENW_T2_04	2100	Eleutherodactylus planirostris	2	Heard	Targeted	NA
4-Apr-20	1.33839	103.80086	ENW_T2_02	2114	Eleutherodactylus planirostris	2	Heard	Targeted	NA
4-Apr-20	1.34108	103.80256	ENW_A1_03	2009	Limnonectes blythii	2	Seen	Point Count	NA
4-Apr-20	1.33936	103.80271	ENW_T2_05	2056	Limnonectes blythii	1	Seen	Targeted	NA
4-Apr-20	1.33988	103.80263	ENW_T2_06	2040	Microhyla heymonsi	1	Heard	Targeted	NA
4-Apr-20	1.33923	103.80279	ENW_T2_05	2050	Microhyla heymonsi	3	Heard	Targeted	NA
4-Apr-20	1.33865	103.80140	ENW_T2_03	2108	Microhyla heymonsi	1	Heard	Targeted	NA
4-Apr-20	1.34233	103.80230	ENW_T2_09	1957	Otus lempiji	1	Seen	Targeted	NA
4-Apr-20	1.34324	103.80153	ENW_A1_01	1937	Poecilia reticulata	21	Seen	Point Count	NA
4-Apr-20	1.34108	103.80256	ENW_A1_03	2012	Poecilia reticulata	12	Seen	Point Count	NA
4-Apr-20	1.34000	103.80277	ENW_A1_04	2032	Poecilia reticulata	35	Seen	Point Count	NA
4-Apr-20	1.34233	103.80230	ENW_T2_09	1956	Polypedates leucomystax	1	Heard	Targeted	NA
4-Apr-20	1.34206	103.80233	ENW_T2_08	2000	Polypedates leucomystax	1	Heard	Targeted	NA
4-Apr-20	1.34151	103.80241	ENW_T2_08	2006	Rallina fasciata	1	Heard	Targeted	NA
4-Apr-20	1.34000	103.80277	ENW_A1_04	2032	Trichopsis vittata	3	Seen	Point Count	NA
4-Apr-20	1.34251	103.80215	ENW_T2_09	1950	Unidentified_Fruit bat	1	Seen	Targeted	NA
4-Apr-20	1.34167	103.80244	ENW_T2_08	2005	Unidentified_Fruit bat	1	Seen	Targeted	NA
4-Apr-20	1.34009	103.80257	ENW_T2_06	2029	Unidentified_Fruit bat	1	Seen	Targeted	NA
4-Apr-20	1.34000	103.80277	ENW_A1_04	2032	Unidentified_Gekkonidae	1	Heard	Point Count	NA
6-Apr-20	1.34289	103.80158	ENW_T2_10	842	Dendrelaphis pictus	1	Seen	Targeted	NA
6-Apr-20	1.34137	103.80238	ENW_T2_07	900	Dendrelaphis pictus	1	Seen	Targeted	NA
6-Apr-20	1.33860	103.80140	ENW_T2_03	934	Dendrelaphis pictus	1	Seen	Targeted	NA
9-Jun-20	1.34591	103.79814	ENW_T1_01	1010	Calliophis intestinalis	1	Seen	Incidental	Basking. Slithered
3-Jul-20	1.34284	103.80162	ENW_T2_10	2149	Macaca fascicularis	2	Heard	Incidental	Heard macaques calling.
3-Jul-20	1.34321	103.79811	NA	2214	Roadkill_Dendrelaphis caudolineatus	1	Seen	Incidental	Roadkill
3-Jul-20	1.34068	103.80391	ENW_BB_05	2006	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200703_200619.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1919	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_191929.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1919	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_191900.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1920	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192030.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1920	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192037.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1923	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192358.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1924	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192428.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1925	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192542.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1926	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192603.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1926	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192644.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1926	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192656.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1927	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200717_192736.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1929	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_192905.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1930	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193020.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1930	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193033.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1933	Myotis muricola	NA	Acoustic	Acoustic	20200717_193310.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1933	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193354.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1933	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193323.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193411.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1936	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193622.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1936	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193656.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1937	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193712.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1937	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193726.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1937	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193753.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1937	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193759.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1938	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193819.wav

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
17-Jul-20	1.34118	103.80358	ENW_BB_04	1938	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193828.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1938	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200717_193836.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1938	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193836.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1939	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193936.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1939	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_193944.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1940	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_194006.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1940	Myotis muricola	NA	Acoustic	Acoustic	20200717_194015.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1940	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_194015.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1940	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200717_194015.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1940	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_194026.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1940	Myotis muricola	NA	Acoustic	Acoustic	20200717_194047.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1941	Myotis muricola	NA	Acoustic	Acoustic	20200717_194103.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1941	Myotis muricola	NA	Acoustic	Acoustic	20200717_194111.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1941	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_194111.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1941	Myotis muricola	NA	Acoustic	Acoustic	20200717_194127.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1941	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_194127.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1942	Myotis muricola	NA	Acoustic	Acoustic	20200717_194221.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1942	Myotis muricola	NA	Acoustic	Acoustic	20200717_194235.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1942	Myotis muricola	NA	Acoustic	Acoustic	20200717_194245.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1944	Myotis muricola	NA	Acoustic	Acoustic	20200717_194407.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_194407.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1944	Myotis muricola	NA	Acoustic	Acoustic	20200717_194421.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_194452.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1945	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_194533.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1945	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_194539.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1945	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_194552.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1946	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_194606.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1951	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_195116.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_195116.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1955	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_195501.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_195501.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_200140.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_200427.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2005	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_200548.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2006	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_200614.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2008	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_200831.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2008	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_200852.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2009	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_200912.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2016	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_201624.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2016	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_201649.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2017	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_201750.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2020	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202048.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2021	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202101.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2021	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202123.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2020	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202030.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2021	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202145.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2022	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202209.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2022	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_202209.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2022	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202232.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2022	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202258.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2027	Tylonycteris spp.	NA	Acoustic	Acoustic	20200717_202751.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2029	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_202925.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2029	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_202939.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2039	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200717_203944.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2042	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200717_204234.wav
17-Jul-20	1.34118	103.80358	ENW_BB_04	2100	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200717_210003.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1922	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200721_192246.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1924	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200721_192449.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1932	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200721_193213.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1932	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200721_193221.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1932	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200721_193228.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200721_193448.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1934	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193455.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1935	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193504.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1935	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193510.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1935	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193525.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1937	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193751.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1938	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193806.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1938	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193810.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1938	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193825.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1938	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193849.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1939	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193904.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1939	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193919.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1939	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193944.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1939	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_193954.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1940	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194006.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1940	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194017.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1940	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194032.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1940	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194047.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1942	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194253.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1944	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194439.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1944	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194459.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1945	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194536.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	1947	Tylonycteris spp.	NA	Acoustic	Acoustic	20200721_194700.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	2000	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200721_200057.wav
21-Jul-20	1.34144	103.80343	ENW_BB_03	2005	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200721_200559.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	1927	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200804_192702.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	1929	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200804_192909.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	1930	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200804_193047.wav

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
4-Aug-20	1.34137	103.80308	ENW_BB_02	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200804_193448.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200804_193531.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200804_193558.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	1936	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200804_193655.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	1939	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200804_193913.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	1940	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200804_194009.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	2005	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200804_200508.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	2006	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200804_200643.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	2011	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200804_201139.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	2030	Tylonycteris spp.	NA	Acoustic	Acoustic	20200804_203023.wav
4-Aug-20	1.34137	103.80308	ENW_BB_02	2030	Tylonycteris spp.	NA	Acoustic	Acoustic	20200804_203035.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1934	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200805_193432.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200805_193432.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200805_193512.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200805_193524.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1936	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200805_193631.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1936	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200805_193636.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1946	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200805_194624.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200805_194941.wav
5-Aug-20	1.34154	103.80335	ENW_BB_01	1956	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200805_195613.wav
NA	1.34323	103.80152	ENW_A1_01	NA	Trachemys scripta	1	Seen	Incidental	NA
15-Jan-20	NA	NA	NA	1958	Myotis muricola	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1957	Myotis muricola	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2003	Myotis muricola	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1948	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1939	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1944	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1944	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1944	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1944	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1945	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1947	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1947	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1948	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1948	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1949	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1951	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1951	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1952	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1953	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1954	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1954	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1954	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1955	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1959	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1959	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2000	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2000	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2001	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2003	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2004	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2007	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2012	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2012	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2015	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2015	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2015	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	2016	Scotophilus kuhlii	1	Acoustic	Acoustic	NA
15-Jan-20	NA	NA	NA	1958	Myotis muricola	NA	Acoustic	Acoustic	20200115_195812.wav
15-Jan-20	NA	NA	NA	1957	Myotis muricola	NA	Acoustic	Acoustic	20200115_195757.wav
15-Jan-20	NA	NA	NA	2003	Myotis muricola	NA	Acoustic	Acoustic	20200115_200316.wav
15-Jan-20	NA	NA	NA	2015	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200115_201520.wav
15-Jan-20	NA	NA	NA	1948	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194814.wav
15-Jan-20	NA	NA	NA	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194403.wav
15-Jan-20	NA	NA	NA	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194419.wav
15-Jan-20	NA	NA	NA	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194442.wav
15-Jan-20	NA	NA	NA	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194457.wav
15-Jan-20	NA	NA	NA	1945	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194543.wav
15-Jan-20	NA	NA	NA	1947	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194706.wav
15-Jan-20	NA	NA	NA	1947	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194721.wav
15-Jan-20	NA	NA	NA	1948	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194829.wav
15-Jan-20	NA	NA	NA	1948	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194846.wav
15-Jan-20	NA	NA	NA	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_194911.wav
15-Jan-20	NA	NA	NA	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195124.wav
15-Jan-20	NA	NA	NA	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195139.wav
15-Jan-20	NA	NA	NA	1952	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195252.wav
15-Jan-20	NA	NA	NA	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195307.wav
15-Jan-20	NA	NA	NA	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195401.wav
15-Jan-20	NA	NA	NA	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195444.wav
15-Jan-20	NA	NA	NA	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195459.wav
15-Jan-20	NA	NA	NA	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195556.wav
15-Jan-20	NA	NA	NA	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_195948.wav
15-Jan-20	NA	NA	NA	2000	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_200003.wav
15-Jan-20	NA	NA	NA	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_200143.wav
15-Jan-20	NA	NA	NA	2003	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_200331.wav
15-Jan-20	NA	NA	NA	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_200406.wav
15-Jan-20	NA	NA	NA	2007	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_200749.wav
15-Jan-20	NA	NA	NA	2012	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_201214.wav
15-Jan-20	NA	NA	NA	2012	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_201245.wav

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
15-Jan-20	NA	NA	NA	2015	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_201520.wav
15-Jan-20	NA	NA	NA	2015	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_201535.wav
15-Jan-20	NA	NA	NA	2015	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_201550.wav
15-Jan-20	NA	NA	NA	2016	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200115_201653.wav
10-Feb-20	NA	NA	NA	NA	*Euchrysops cneius cneius*	1	Seen	Incidental	NA
10-Feb-20	NA	NA	NA	NA	*Eurema sari sodalis*	1	Seen	Incidental	NA
10-Feb-20	NA	NA	NA	NA	*Potanthus omaha omaha*	1	Seen	Incidental	NA
10-Feb-20	NA	NA	NA	1115	*Surendra vivarna amisena*	1	Seen	Incidental	NA
9-Mar-20	NA	NA	NA	2241	Myotis muricola	NA	Acoustic	Acoustic	20200309_224118.wav
25-Mar-20	NA	NA	NA	1035	*Hypolimnas* sp.	1	Seen	Incidental	NA
4-Apr-20	NA	NA	NA	0758	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200404_195823.wav
4-Apr-20	NA	NA	NA	0912	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200404_211225.wav

Bamboo cluster	Latitude	Longitude	Bamboo spevcies	Height (m)	Spread (m)	Presence of slits	Active slit internode girth (cm)	Active slit internode length (cm)	Active slit length / width (cm)	Active slit height from ground (m)	Estimated no. of individuals	Observations of bamboo bats	Priority classification (1 - bamboo bat roosting confirmed, 2 - bamboo bat recorded but roosting not confirmed, 3 - bamboo bat not recorded but potential roosting site)	Remarks
ENW_BB_01	1.34154	103.80335	*Bambusa vulgaris*	10	10	Yes	20	25	2 cm length / 1 cm width	3.5	2	1952h: 1 individual flying overhead, calls obtained 1954h: 1 individual seen flying overhead, calls obtained 2000h: 1 individual entered slit 2002h: 1 individual entered slit	1	
ENW_BB_02	1.34137	103.80308	*Bambusa vulgaris*	10	10	Yes	N.A	N.A	N.A	N.A	3	1930h: 1 individual flying around cluster 1950h: 2 individuals flying past cluster 2001h: 3 individuals past around cluster 2030h: 2 individuals flying around cluster 2040h: 2 individuals flying around cluster	2	
ENW_BB_03	1.34144	103.80343	*Bambusa vulgaris*	10	10	Yes	22	15	2 cm length / 1 cm width	8	At least 3	1935h: calls detected 1940-1943h: 3 individuals + several flying around 1955h: slit with individual confirmed. At least 1 inside.	1	Slit is in the centre of bamboo
ENW_BB_04A	1.34122	103.80353	*Bambusa vulgaris*	8	1.5	Yes	16	28.5	4 cm length / 1 cm width	2.4	7	1950h: Call recorded and 1 individual seen 2005h: 4 individuals attempting to fly back to slit 2020h: 3 individuals entered 2023h: 1 Individual entered 2025h: 1 individual entered 2045h: 1 Individual entered 2047h: 1 individual flying around, did not enter slit	1	
ENW_BB_04B	1.34119	103.80354	*Bambusa vulgaris*	8	1.5	No	N.A	N.A	N.A	N.A	N.A	N.A	2	Recordings documented for BB_04 cluster
ENW_BB_04C	1.34114	103.80354	*Bambusa vulgaris*	8	1.5	Yes	N.A	N.A	N.A	N.A	N.A	N.A	3	Recordings documented for BB_04 cluster

Bamboo cluster	Latitude	Longitude	Bamboo spevcies	Height (m)	Spread (m)	Presence of slits	Active slit internode girth (cm)	Active slit internode length (cm)	Active slit length / width (cm)	Active slit height from ground (m)	Estimated no. of individuals	Observations of bamboo bats	Priority classification (1 - bamboo bat roosting confirmed, 2 - bamboo bat recorded but roosting not confirmed, 3 - bamboo bat not recorded but potential roosting site)	Remarks
ENW_BB_04D	1.34113	103.80353	*Bambusa vulgaris*	8	1.5	No	N.A	N.A	N.A	N.A	N.A	N.A	3	Recordings documented for BB_04 cluster
ENW_BB_05	1.34068	103.80391	*Bambusa vulgaris*	16	15	Yes	N.A	N.A	N.A	N.A	N.A	1940h: 2 unid bats	3	

Type	Sampling Point	Latitude	Longitude	Sampling Da	Time Open (	Retrieval Da	Time Close	Remarks
Butterfly Trap	ENW_BT_01	1.34511	103.79901	3-Jan-20	NA	6-Jan-20	1100	Banana Bait
Butterfly Trap	ENW_BT_02	1.34514	103.79899	3-Jan-20	NA	6-Jan-20	1100	Prawn and Sambal Bait
Butterfly Trap	ENW_BT_04	1.33861	103.79994	3-Jan-20	NA	6-Jan-20	1130	Banana Bait
Butterfly Trap	ENW_BT_04	1.33861	103.79994	3-Jan-20	NA	6-Jan-20	1130	Banana Bait
Butterfly Trap	ENW_BT_03	1.33860	103.79992	3-Jan-20	NA	6-Jan-20	1130	Prawn and Sambal Bait
Butterfly Trap	ENW_BT_01	1.34511	103.79901	10-Jan-20	NA	12-Jan-20	1000	Banana Bait; no bait in bowl. Moth
Butterfly Trap	ENW_BT_02	1.34514	103.79899	10-Jan-20	NA	12-Jan-20	1000	Prawn and Sambal Bait
Butterfly Trap	ENW_BT_04	1.33861	103.79994	10-Jan-20	NA	12-Jan-20	1134	Banana Bait
Butterfly Trap	ENW_BT_04	1.33861	103.79994	10-Jan-20	NA	12-Jan-20	1134	Banana Bait
Butterfly Trap	ENW_BT_04	1.33861	103.79994	10-Jan-20	NA	12-Jan-20	1134	Banana Bait; flew away
Butterfly Trap	ENW_BT_03	1.33860	103.79992	10-Jan-20	NA	12-Jan-20	1134	Prawn and Sambal Bait
Bat Trap	ENW_HT_01	1.33825	103.80077	15-Jan-20	1820	16-Jan-20	800	
Bat Trap	ENW_MN_01	1.33825	103.80077	15-Jan-20	1845	15-Jan-20	2107	
Bat Trap	ENW_HT_02	1.33904	103.80047	15-Jan-20	1832	16-Jan-20	815	
Bat Trap	ENW_MN_02	1.33889	103.80066	15-Jan-20	1855	15-Jan-20	2130	
Bat Trap	ENW_HT_03	1.34547	103.79770	15-Jan-20	1845	16-Jan-20	845	
Bat Trap	ENW_MN_03	1.34488	103.79786	15-Jan-20	1830	15-Jan-20	2100	
Fish Trap	ENW_FT_01	1.34266	103.80209	16-Dec-20	NA	1712/20	0857	No catch
Fish Trap	ENW_FT_02	1.33973	103.80266	16-Dec-20	NA	1712/20	910	No catch
Fish Trap	ENW_FT_03	1.33947	103.80298	16-Dec-20	NA	1712/20	0925	No catch
Fish Trap	ENW_FT_04	1.33890	103.80176	16-Dec-20	NA	1712/20	0945	No catch
Fish Trap	ENW_FT_05	1.34223	103.80227	20-Feb-20	NA	21-Feb-20	1010	No catch. Bait half eaten. Collected 1000h.
Fish Trap	ENW_FT_06	1.34110	103.80241	20-Feb-20	NA	21-Feb-20	1020	No catch. Collected 1043h.
Fish Trap	ENW_FT_07	1.33996	103.80274	20-Feb-20	NA	21-Feb-20	1030	Collected 1050h.
Fish Trap	ENW_FT_08	1.33919	103.80281	20-Feb-20	NA	21-Feb-20	1045	No bait. Many snails. Collected 1059h.

Date	Sampling Point	Latitude	Longitude	AM/PM	Time	Min.Light (lux)	Max.Light (lux)	Avg.Light (lux)	Min.Humidity (rH)	Max.Humidity (rH)	Avg.Humidity (rH)	Temperature (°C)
4-Apr-20	ENW_LTH_1002	1.34331	103.80139	PM	2200	N.A	N.A	0.0	N.A	N.A	75.4	29.6
4-Apr-20	ENW_LTH_502	1.34359	103.80085	PM	2205	N.A	N.A	0.0	N.A	N.A	73.3	29.5
4-Apr-20	ENW_LTH_02	1.34391	103.80045	PM	2210	N.A	N.A	0.0	N.A	N.A	79.9	29.5
4-Apr-20	ENW_LTH_01	1.34552	103.79893	PM	2212	N.A	N.A	0.0	N.A	N.A	80.2	29.2
4-Apr-20	ENW_LTH_501	1.34601	103.79886	PM	2215	N.A	N.A	0.0	N.A	N.A	77.5	29.0
4-Apr-20	ENW_LTH_1001	1.34552	103.79893	PM	2221	N.A	N.A	0.0	N.A	N.A	80.3	29.0
4-Apr-20	ENW_LTH_1003	1.34429	103.79796	PM	2229	N.A	N.A	0.0	N.A	N.A	80.5	28.7
4-Apr-20	ENW_LTH_503	1.34393	103.79817	PM	2230	N.A	N.A	0.0	N.A	N.A	80.2	28.5
4-Apr-20	ENW_LTH_03	1.34390	103.79836	PM	2232	N.A	N.A	0.0	N.A	N.A	81.3	28.5
4-Apr-20	ENW_LTH_04	1.34268	103.79929	PM	2235	N.A	N.A	0.0	N.A	N.A	81.6	28.7
4-Apr-20	ENW_LTH_504	1.34230	103.79952	PM	2238	N.A	N.A	0.0	N.A	N.A	84.4	28.5
4-Apr-20	ENW_LTH_1004	1.34429	103.79796	PM	2239	N.A	N.A	0.0	N.A	N.A	81.0	28.7
9-Jun-20	ENW_LTH_1002	1.34331	103.80139	AM	0841	N.A	N.A	Max (>20000)	N.A	N.A	74.8	32.2
9-Jun-20	ENW_LTH_1502	1.34286	103.80157	AM	0847	N.A	N.A	3980.0	N.A	N.A	80.5	32.8
9-Jun-20	ENW_LTH_502	1.34359	103.80085	AM	0854	N.A	N.A	128.0	N.A	N.A	82.6	31.9
9-Jun-20	ENW_LTH_02	1.34391	103.80045	AM	0859	N.A	N.A	836.0	N.A	N.A	78.1	31.6
9-Jun-20	ENW_LTH_01	1.34552	103.79893	AM	0924	N.A	N.A	215.0	N.A	N.A	87.2	30.2
9-Jun-20	ENW_LTH_501	1.34601	103.79886	AM	0937	N.A	N.A	970.0	N.A	N.A	83.5	31.0
9-Jun-20	ENW_LTH_1001	1.34608	103.79812	AM	1013	N.A	N.A	374.0	N.A	N.A	87.6	29.8
9-Jun-20	ENW_LTH_1501	1.34639	103.79817	AM	1019	N.A	N.A	2810.0	N.A	N.A	74.9	31.3
9-Jun-20	ENW_LTH_1503	1.34469	103.79776	AM	1031	N.A	N.A	10040.0	N.A	N.A	75.1	31.0
9-Jun-20	ENW_LTH_1003	1.34429	103.79796	AM	1037	N.A	N.A	4360.0	N.A	N.A	72.5	31.4
9-Jun-20	ENW_LTH_503	1.34393	103.79817	AM	1040	N.A	N.A	4600.0	N.A	N.A	70.6	31.4
9-Jun-20	ENW_LTH_03	1.34390	103.79836	AM	1046	N.A	N.A	2520.0	N.A	N.A	74.3	31.5
9-Jun-20	ENW_LTH_04	1.34268	103.79929	AM	1051	N.A	N.A	7570.0	N.A	N.A	67.8	31.9
9-Jun-20	ENW_LTH_504	1.34230	103.79952	AM	1053	N.A	N.A	Max (>20000)	N.A	N.A	66.5	33.4
9-Jun-20	ENW_LTH_1004	1.34200	103.79978	AM	1057	8600.0	9930.0	9275.0	63.9	65.3	64.6	33.6
9-Jun-20	ENW_LTH_1504	1.34157	103.79994	AM	1106	3820.0	4100.0	3960.0	66.4	68.2	67.3	34.0
3-Jul-20	ENW_LTH_1502	1.34286	103.80157	PM	2145	0.0	0.0	0.0	81.9	84.3	83.1	30.0
3-Jul-20	ENW_LTH_1504	1.34157	103.79994	PM	2159	0.0	0.0	0.0	83.8	84.6	84.2	29.3
3-Jul-20	ENW_LTH_1503	1.34469	103.79776	PM	2215	0.0	0.0	0.0	83.1	84.4	83.8	29.6
3-Jul-20	ENW_LTH_1501	1.34639	103.79817	PM	2225	0.0	0.0	0.0	81.1	81.6	81.4	29.4
10-Jun-20	ENW_LTH_04	1.34268	103.79929	AM	0807	3540.0	3970.0	3755.0	84.4	85.2	84.8	27.9
10-Jun-20	ENW_LTH_504	1.34230	103.79952	AM	0811	3380.0	3580.0	3480.0	84.5	85.4	85.0	29.5
10-Jun-20	ENW_LTH_1004	1.34200	103.79978	AM	0816	1830.0	2660.0	2245.0	81.7	84.0	82.9	29.9
10-Jun-20	ENW_LTH_1504	1.34157	103.79994	AM	0820	1990.0	2570.0	2280.0	78.3	78.7	78.5	30.6
10-Jun-20	ENW_LTH_03	1.34390	103.79836	AM	0842	892.0	1147.0	1019.5	73.1	73.3	73.2	31.9
10-Jun-20	ENW_LTH_503	1.34393	103.79817	AM	0831	2170.0	2410.0	2290.0	74.5	72.5	73.5	31.5

Date	Sampling Point	Latitude	Longitude	AM/PM	Time	Min.Light (lux)	Max.Light (lux)	Avg.Light (lux)	Min.Humidity (rH)	Max.Humidity (rH)	Avg.Humidity (rH)	Temperature (°C)
10-Jun-20	ENW_LTH_1003	1.34429	103.79796	AM	0847	2330.0	2540.0	2435.0	74.4	75.8	75.1	31.9
10-Jun-20	ENW_LTH_1503	1.34469	103.79776	AM	0850	1170.0	1302.0	1236.0	76.3	77.3	76.8	38.0
10-Jun-20	ENW_LTH_02	1.34391	103.80045	AM	0905	1377.0	1475.0	1426.0	74.2	77.7	76.0	33.2
10-Jun-20	ENW_LTH_502	1.34359	103.80085	AM	0912	192.0	242.0	217.0	80.4	81.3	80.9	31.5
10-Jun-20	ENW_LTH_1002	1.34331	103.80139	AM	0922	7090.0	Max (>20000)	Max (>20000)	67.8	73.2	70.5	34.1
10-Jun-20	ENW_LTH_1502	1.34286	103.80157	AM	0928	15220.0	Max (>20000)	Max (>20000)	60.4	63.3	61.9	36.3
10-Jun-20	ENW_LTH_01	1.34552	103.79893	AM	0948	709.0	772.0	740.5	77.5	78.4	78.0	32.5
10-Jun-20	ENW_LTH_501	1.34601	103.79886	AM	0954	924.0	973.0	948.5	74.5	77.2	75.9	33.3
10-Jun-20	ENW_LTH_1001	1.34608	103.79812	AM	1001	1267.0	2670.0	1968.5	77.6	78.3	78.0	32.9
10-Jun-20	ENW_LTH_1501	1.34639	103.79817	AM	1007	5180.0	5470.0	5325.0	69.5	74.7	72.1	33.5
17-Jul-20	ENW_LTH_1504	1.34157	103.79994	PM	2138	0.0	0.0	0.0	80.0	80.4	80.2	29.3
17-Jul-20	ENW_LTH_1004	1.34200	103.79978	PM	2142	0.0	0.0	0.0	79.3	79.6	79.5	29.0
17-Jul-20	ENW_LTH_504	1.34230	103.79952	PM	2145	0.0	0.0	0.0	81.4	82.2	81.8	28.8
17-Jul-20	ENW_LTH_04	1.34268	103.79929	PM	2147	0.0	0.0	0.0	81.4	81.8	81.6	28.9
17-Jul-20	ENW_LTH_03	1.34390	103.79836	PM	2152	0.0	0.0	0.0	81.7	81.7	81.7	28.7
17-Jul-20	ENW_LTH_503	1.34393	103.79817	PM	2157	0.0	0.0	0.0	81.9	82.4	82.2	29.2
17-Jul-20	ENW_LTH_1003	1.34429	103.79796	PM	2200	0.0	0.0	0.0	81.0	81.1	81.1	28.9
17-Jul-20	ENW_LTH_1503	1.34469	103.79776	PM	2203	0.0	0.0	0.0	81.7	81.9	81.8	28.6
21-Jul-20	ENW_LTH_1502	1.34286	103.80157	PM	2026	0.0	0.0	0.0	87.7	87.9	87.8	29.5
21-Jul-20	ENW_LTH_1002	1.34331	103.80139	PM	2131	0.0	0.0	0.0	84.0	85.0	84.5	29.2
21-Jul-20	ENW_LTH_502	1.34359	103.80085	PM	2140	0.0	0.0	0.0	82.5	83.6	83.1	29.2
21-Jul-20	ENW_LTH_02	1.34391	103.80045	PM	2146	0.0	0.0	0.0	82.0	82.4	82.2	29.3
21-Jul-20	ENW_LTH_01	1.34552	103.79893	PM	2203	0.0	0.0	0.0	85.6	86.4	86.0	28.8
21-Jul-20	ENW_LTH_501	1.34601	103.79886	PM	2211	0.0	0.0	0.0	86.5	87.7	87.1	29.9
21-Jul-20	ENW_LTH_1001	1.34608	103.79812	PM	2227	0.0	0.0	0.0	90.3	90.6	90.5	28.9
21-Jul-20	ENW_LTH_1501	1.34639	103.79817	PM	2234	0.0	0.0	0.0	85.7	86.6	86.2	29.0

Sampling Point	Type	Latitude	Longitude
ENW_A1_01	Aquatic	1.34324	103.80153
ENW_A1_02	Aquatic	1.34234	103.80232
ENW_A1_03	Aquatic	1.34108	103.80256
ENW_A1_04	Aquatic	1.34000	103.80277
ENW_A1_05	Aquatic	1.33932	103.80270
ENW_A1_06	Aquatic	1.33881	103.80157
ENW_T1_01	Terrestrial	1.34563	103.79829
ENW_T1_02	Terrestrial	1.34611	103.79879
ENW_T1_03	Terrestrial	1.34535	103.79895
ENW_T1_04	Terrestrial	1.34452	103.79899
ENW_T1_05	Terrestrial	1.34452	103.79985
ENW_T1_06	Terrestrial	1.34384	103.80027
ENW_T1_07	Terrestrial	1.34352	103.80093
ENW_T1_08	Terrestrial	1.34318	103.80133
ENW_T1_09	Terrestrial	1.34277	103.80106
ENW_T1_10	Terrestrial	1.34201	103.80066
ENW_T1_11	Terrestrial	1.34130	103.80111
ENW_T1_12	Terrestrial	1.34056	103.80158
ENW_T1_13	Terrestrial	1.34001	103.80151
ENW_T1_14	Terrestrial	1.33934	103.80098
ENW_T1_15	Terrestrial	1.33865	103.80044
ENW_T1_16	Terrestrial	1.33817	103.79968
ENW_T2_01	Terrestrial	1.33815	103.80029
ENW_T2_02	Terrestrial	1.33853	103.80092
ENW_T2_03	Terrestrial	1.33887	103.80169
ENW_T2_04	Terrestrial	1.33925	103.80243
ENW_T2_05	Terrestrial	1.33956	103.80280
ENW_T2_06	Terrestrial	1.34022	103.80260
ENW_T2_07	Terrestrial	1.34099	103.80249
ENW_T2_08	Terrestrial	1.34184	103.80244
ENW_T2_09	Terrestrial	1.34266	103.80209
ENW_T2_10	Terrestrial	1.34312	103.80147
ENW_BT_01	Butterfly Trap	1.34511	103.79901
ENW_BT_02	Butterfly Trap	1.34514	103.79899
ENW_BT_04	Butterfly Trap	1.33861	103.79994
ENW_BT_03	Butterfly Trap	1.33860	103.79992
ENW_HT_01	Bat Trap	1.33825	103.80077
ENW_MN_01	Bat Trap	1.33825	103.80077
ENW_HT_02	Bat Trap	1.33904	103.80047
ENW_MN_02	Bat Trap	1.33889	103.80066
ENW_HT_03	Bat Trap	1.34547	103.79770
ENW_MN_03	Bat Trap	1.34488	103.79786
ENW_FT_01	Fish Trap	1.34266	103.80209
ENW_FT_02	Fish Trap	1.33973	103.80266
ENW_FT_03	Fish Trap	1.33947	103.80298
ENW_FT_04	Fish Trap	1.33890	103.80176
ENW_FT_05	Fish Trap	1.34223	103.80227
ENW_FT_06	Fish Trap	1.34110	103.80241
ENW_FT_07	Fish Trap	1.33996	103.80274
ENW_FT_08	Fish Trap	1.33919	103.80281
ENW_BB_01	Bamboo	1.34154	103.80335
ENW_BB_02	Bamboo	1.34137	103.80308
ENW_BB_03	Bamboo	1.34144	103.80343
ENW_BB_04A	Bamboo	1.34122	103.80353
ENW_BB_04B	Bamboo	1.34119	103.80354
ENW_BB_04C	Bamboo	1.34114	103.80354
ENW_BB_04D	Bamboo	1.34113	103.80353
ENW_BB_05	Bamboo	1.34068	103.80391
ENW_LTH_01	LTH	1.34552	103.79893

Sampling Point	Type	Latitude	Longitude
ENW_LTH_02	LTH	1.34391	103.80045
ENW_LTH_03	LTH	1.34390	103.79836
ENW_LTH_04	LTH	1.34268	103.79929
ENW_LTH_1001	LTH	1.34608	103.79812
ENW_LTH_1002	LTH	1.34331	103.80139
ENW_LTH_1003	LTH	1.34429	103.79796
ENW_LTH_1004	LTH	1.34200	103.79978
ENW_LTH_1501	LTH	1.34639	103.79817
ENW_LTH_1502	LTH	1.34286	103.80157
ENW_LTH_1503	LTH	1.34469	103.79776
ENW_LTH_1504	LTH	1.34157	103.79994
ENW_LTH_501	LTH	1.34601	103.79886
ENW_LTH_502	LTH	1.34359	103.80085
ENW_LTH_503	LTH	1.34393	103.79817
ENW_LTH_504	LTH	1.34230	103.79952

Date	Activity	Sampling location	Direction	Time in	Time out	Weather
16-Dec-19	PM - herp, aquatic(fish)	ENW_T2_A1_A2	Reverse	740	2310	Fair
17-Dec-19	AM - aquatic	ENW_A1_A2	Forward	825	1000	Overcast
18-Dec-19	AM - bird, herp, mammal	ENW_T2	Reverse	720	910	Fair
21-Dec-19	AM - butterflies, odonates	ENW_T2	Forward	907	1155	Fair
21-Dec-19	AM - aquatic	ENW_A1_A2	NA	952	957	Fair
30-Dec-19	AM - bird, mammal	ENW_T1	Forward	808	1005	Fair
3-Jan-20	AM - herp	ENW_T1	Forward	810	1118	Fair
6-Jan-20	Butterfly trap maintenance	ENW_T1	NA	1030	1200	Fair
10-Jan-20	AM - odonates	ENW_T1	Forward	900	1131	Sunny
12-Jan-20	AM - butterflies	ENW_T1	Forward	920	1200	Fair; sunny
15-Jan-20	PM - bird, mammal	ENW_T2	Reverse	1936	2128	Fair
15-Jan-20	PM - bat	NA	NA	1730	2130	Fair
20-Jan-20	PM - bird, herp, mammal	ENW_T1	Forward	1953	2300	Fair
10-Feb-20	AM - butterflies, bees, odonates	ENW_T1	Reverse	917	1150	Partly cloudy
14-Feb-20	AM - bird, herp	ENW_T2	Reverse	711	858	Fair
17-Feb-20	AM - bird, herp	ENW_T1	Reverse	745	945	Cloudy
20-Feb-20	AM - aquatic, herp	ENW_T2	Reverse	759	930	Cool
21-Feb-20	AM - fish	ENW_A1_A2	NA	855	1100	Post-rain
21-Feb-20	AM - butterflies, bees	ENW_T2	Reverse	849	1045	Post-rain
29-Feb-20	PM - moth	ENW_MT	NA	1730	2300	Fair
6-Mar-20	AM - butterflies, bees	ENW_T2	Reverse	928	1142	Overcast
6-Mar-20	AM - odonates	ENW_T2_A1_A2	Reverse	928	1200	Overcast
9-Mar-20	PM - bird, herp, mammal	ENW_T1	Reverse	1945	2242	Cloudy; after rain
16-Mar-20	AM - mammal	ENW_T1	Reverse	707	850	Fair til cloudy
4-Apr-20	PM - bird, herp, mammal, fish	ENW_T2	Reverse	1932	2130	Cool
4-Apr-20	PM - LTH1	NA	NA	2130	2230	Cool
4-Apr-20	PM - LTH	NA	1	N.A	N.A	Fair
6-Apr-20	AM - herp	ENW_T2	Reverse	836	945	Fair
9-Jun-20	AM - LTH	NA	1	N.A	N.A	Fair
10-Jun-20	AM - LTH	NA	2	N.A	N.A	Fair
3-Jul-20	PM - bamboo bats roost emergence	ENW_BB_05	NA	1835	2100	Fair
3-Jul-20	PM - LTH	NA	1	N.A	N.A	Fair
17-Jul-20	PM - bamboo bats roost emergence	ENW_BB_04	NA	1840	2100	Fair
17-Jul-20	PM - LTH	NA	2	N.A	N.A	Fair
21-Jul-20	PM - bamboo bats roost emergence	ENW_BB_03	NA	1830	2100	Fair
21-Jul-20	PM - LTH	NA	2	N.A	N.A	Fair
4-Aug-20	PM - bamboo bats roost emergence	ENW_BB_02	NA	1830	2100	Cloudy
5-Aug-20	PM - bamboo bats roost emergence	ENW_BB_01	NA	1830	2100	Fair

Appendix I2

Faunal Survey Data for the Forested Area adjacent to Fairways Quarters

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
9-Sep-21	1.339312959	103.798769		1220	*Arhopala sp.*	1	Seen	Incidental	
13-Sep-21	1.341037033	103.798245		712	*Garrulax leucolophus*	6	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Treron vernans*	2	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Chrysophlegma miniaceum*	1	Heard	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Pycnonotus goiavier*	6	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Dicaeum cruentatum*	3	Heard	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Sundasciurus tenuis*	2	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Aegithina tiphia*	1	Heard	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Psilopogon lineatus*	1	Heard	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Psittacula sp.*	20	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Gallus gallus*	1	Heard	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Mixornis gularis*	2	Heard	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Oriolus chinensis*	2	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Aplonis panayensis*	4	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Callosciurus notatus*	2	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Pycnonotus plumosus*	1	Seen	Targeted	
13-Sep-21	1.341037033	103.798245		712	*Psittacula longicauda*	1	Heard	Targeted	
13-Sep-21	1.341276001	103.798315		722	*Micropternus brachyurus*	1	Heard	Targeted	
13-Sep-21	1.341276001	103.798315		722	*Spilopelia chinensis*	1	Heard	Targeted	
13-Sep-21	1.341443975	103.798359		724	*Mixornis gularis*	3	Seen	Targeted	
13-Sep-21	1.341443975	103.798359		724	*Aplonis panayensis*	5	Seen	Targeted	
13-Sep-21	1.341443975	103.798359		724	*Aerodramus sp.*	3	Seen	Targeted	
13-Sep-21	1.341443975	103.798359		724	*Acridotheres javanicus*	2	Heard	Targeted	
13-Sep-21	1.341527961	103.7985		726	*Psittacula sp.*	10	Seen	Targeted	
13-Sep-21	1.341527961	103.7985		726	*Psilopogon lineatus*	1	Seen	Targeted	
13-Sep-21	1.341527961	103.7985		726	*Geopelia striata*	1	Heard	Targeted	
13-Sep-21	1.341434	103.798569		730	*Caprimulgus macrurus*	2	Seen	Targeted	
13-Sep-21	1.341642961	103.798754		735	*Eleutherodactylus planirostris*	3	Heard	Targeted	
13-Sep-21	1.341642961	103.798754		735	*Gracula religiosa*	1	Heard	Targeted	
13-Sep-21	1.341589987	103.798868		737	*Dicaeum cruentatum*	1	Heard	Targeted	
13-Sep-21	1.341589987	103.798868		737	*Pycnonotus zeylanicus*	2	Heard	Targeted	
13-Sep-21	1.341589987	103.798868		737	*Psittacula longicauda*	3	Seen	Targeted	
13-Sep-21	1.341589987	103.798868		737	*Orthotomus atrogularis*	1	Heard	Targeted	
13-Sep-21	1.34136904	103.798858		739	*Centropus sinensis*	1	Heard	Targeted	
13-Sep-21	1.34136904	103.798858		739	*Callosciurus notatus*	1	Seen	Targeted	
13-Sep-21	1.341183968	103.799023		742	*Loriculus galgulus*	1	Seen	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Oriolus chinensis*	1	Seen	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Pycnonotus plumosus*	3	Seen	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Mixornis gularis*	2	Heard	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Microhyla heymonsi*	1	Heard	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Aplonis panayensis*	1	Seen	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Callosciurus notatus*	1	Seen	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Sundasciurus tenuis*	2	Heard	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Picus vittatus*	1	Heard	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Psilopogon lineatus*	1	Seen	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Aegithina tiphia*	1	Heard	Targeted	
13-Sep-21	1.340890015	103.798378		745	*Orthotomus atrogularis*	1	Heard	Targeted	
13-Sep-21	1.34027604	103.798434		753	*Pycnonotus goiavier*	1	Seen	Targeted	
13-Sep-21	1.34027604	103.798434		753	*Callosciurus notatus*	1	Seen	Targeted	
13-Sep-21	1.34027604	103.798434		753	*Loriculus galgulus*	1	Heard	Targeted	
13-Sep-21	1.34027604	103.798434		753	*Aplonis panayensis*	1	Heard	Targeted	
13-Sep-21	1.339899022	103.798586		756	*Mixornis gularis*	2	Heard	Targeted	
13-Sep-21	1.339899022	103.798586		756	*Callosciurus notatus*	1	Seen	Targeted	
13-Sep-21	1.339899022	103.798586		756	*Pycnonotus zeylanicus*	1	Heard	Targeted	
13-Sep-21	1.339899022	103.798586		756	*Cacatua goffiniana*	1	Heard	Targeted	
13-Sep-21	1.339899022	103.798586		756	*Garrulax leucolophus*	1	Heard	Targeted	
13-Sep-21	1.339738006	103.798971		759	*Spilopelia chinensis*	1	Heard	Targeted	
13-Sep-21	1.339738006	103.798971		759	*Acridotheres javanicus*	3	Heard	Targeted	
13-Sep-21	1.339777987	103.799216		801	*Orthotomus atrogularis*	1	Heard	Targeted	
13-Sep-21	1.339633986	103.799224		803	*Gracula religiosa*	1	Heard	Targeted	
13-Sep-21	1.339631975	103.799127		807	*Pycnonotus plumosus*	1	Heard	Targeted	
13-Sep-21	1.339053037	103.798781		814	*Oriolus chinensis*	1	Heard	Targeted	
13-Sep-21	1.339053037	103.798781		814	*Gracula religiosa*	1	Heard	Targeted	
13-Sep-21	1.338670989	103.798621		816	*Mixornis gularis*	4	Heard	Targeted	
13-Sep-21	1.338670989	103.798621		816	*Gekko monarchus*	1	Seen	Targeted	
13-Sep-21	1.338670989	103.798621		816	*Pycnonotus goiavier*	4	Seen	Targeted	
13-Sep-21	1.338670989	103.798621		816	*Eleutherodactylus planirostris*	1	Heard	Targeted	
13-Sep-21	1.338232029	103.798506		818	*Pycnonotus plumosus*	1	Heard	Targeted	
13-Sep-21	1.338232029	103.798506		818	*Orthotomus atrogularis*	1	Heard	Targeted	
13-Sep-21	1.337797008	103.798421		820	*Treron vernans*	10	Seen	Targeted	
13-Sep-21	1.337797008	103.798421		820	*Gallus gallus*	1	Heard	Targeted	
13-Sep-21	1.337797008	103.798421		820	*Pycnonotus goiavier*	1	Seen	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
13-Sep-21	1.337797008	103.798421		820	*Eleutherodactylus planirostris*	1	Heard	Targeted	
13-Sep-21	1.337797008	103.798421		820	*Zosterops simplex*	3	Seen	Targeted	
13-Sep-21	1.337797008	103.798421		820	*Aerodramus sp.*	1	Seen	Targeted	
13-Sep-21	1.337691983	103.798572		822	*Eleutherodactylus planirostris*	1	Heard	Targeted	
13-Sep-21	1.337691983	103.798572		822	*Callosciurus notatus*	1	Seen	Targeted	
13-Sep-21	1.33763398	103.798766		824	*Pycnonotus goiavier*	2	Seen	Targeted	
13-Sep-21	1.33763398	103.798766		824	*Callosciurus notatus*	3	Seen	Targeted	
13-Sep-21	1.33763398	103.798766		824	*Oriolus chinensis*	2	Seen	Targeted	
13-Sep-21	1.33763398	103.798766		824	*Psittacula sp.*	1	Heard	Targeted	
13-Sep-21	1.337525016	103.798589		826	*Psilopogon lineatus*	1	Heard	Targeted	
13-Sep-21	1.337525016	103.798589		826	*Eleutherodactylus planirostris*	4	Heard	Targeted	
13-Sep-21	1.337525016	103.798589		826	*Callosciurus notatus*	1	Seen	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Orthotomus atrogularis*	1	Heard	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Zosterops simplex*	3	Heard	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Lanius tigrinus*	1	Seen	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Anthreptes malacensis*	1	Seen	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Aerodramus sp.*	5	Seen	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Pycnonotus goiavier*	2	Seen	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Psilopogon lineatus*	1	Seen	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Acridotheres javanicus*	1	Seen	Targeted	
13-Sep-21	1.337271966	103.798375		830	*Bronchocela cristatella*	1	Seen	Targeted	
13-Sep-21	1.337285964	103.798248		834	*Eleutherodactylus planirostris*	5	Heard	Targeted	
13-Sep-21	1.337386966	103.798166		835	*Psilopogon haemacephalus*	1	Heard	Targeted	
13-Sep-21	1.337665999	103.798028		837	*Dinopium javanense*	1	Heard	Targeted	
13-Sep-21	1.337802038	103.79797		838	*Garrulax leucolophus*	3	Seen	Targeted	
13-Sep-21	1.337802038	103.79797		838	*Mixornis gularis*	2	Heard	Targeted	
13-Sep-21	1.338401008	103.797933		842	*Oriolus chinensis*	1	Heard	Targeted	
13-Sep-21	1.338401008	103.797933		842	*Mixornis gularis*	2	Heard	Targeted	
13-Sep-21	1.338587003	103.798075		843	*Eutropis sp.*	1	Seen	Targeted	
13-Sep-21	1.338587003	103.798075		843	*Anthreptes malacensis*	1	Heard	Targeted	
13-Sep-21	1.338948011	103.798173		847	*Acridotheres javanicus*	1	Seen	Targeted	
13-Sep-21	1.339098969	103.798075		849	*Dicaeum cruentatum*	1	Heard	Targeted	
13-Sep-21	1.339098969	103.798075		849	*Pycnonotus goiavier*	1	Heard	Targeted	
13-Sep-21	1.339225033	103.79795		850	*Zosterops simplex*	10	Heard	Targeted	
13-Sep-21	1.339225033	103.79795		850	*Psittacula longicauda*	2	Heard	Targeted	
13-Sep-21	1.339225033	103.79795		850	*Pycnonotus zeylanicus*	1	Heard	Targeted	
13-Sep-21	1.339225033	103.79795		850	*Treron vernans*	1	Seen	Targeted	
13-Sep-21	1.339559974	103.797819		853	*Dinopium javanense*	1	Heard	Targeted	
13-Sep-21	1.339443969	103.797616		854	*Oriolus chinensis*	1	Heard	Targeted	
13-Sep-21	1.339443969	103.797616		854	*Aerodramus sp.*	2	Seen	Targeted	
13-Sep-21	1.339443969	103.797616		854	*Treron vernans*	1	Seen	Targeted	
13-Sep-21	1.339443969	103.797616		854	*Psittacula longicauda*	1	Heard	Targeted	
13-Sep-21	1.339598028	103.797488		857	*Aegithina tiphia*	1	Heard	Targeted	
13-Sep-21	1.33968302	103.7973		900	*Unidentified Clariidae*	1	Seen	Incidental	
13-Sep-21	1.33968302	103.7973		900	*Rasbora sp.*	5	Seen	Incidental	
13-Sep-21	1.33968302	103.7973		900	*Mixornis gularis*	5	Heard	Targeted	
13-Sep-21	1.33968302	103.7973		900	*Polypedates leucomystax*	10	Seen	Targeted	Tadpoles
13-Sep-21	1.339497026	103.797087		904	*Hirundo tahitica*	1	Seen	Targeted	
13-Sep-21	1.339497026	103.797087		904	*Mixornis gularis*	5	Heard	Targeted	
13-Sep-21	1.339497026	103.797087		904	*Aplonis panayensis*	20	Seen	Targeted	
13-Sep-21	1.339497026	103.797087		904	*Pycnonotus plumosus*	1	Heard	Targeted	
13-Sep-21	1.339497026	103.797087		904	*Aerodramus sp.*	5	Seen	Targeted	
13-Sep-21	1.339497026	103.797087		904	*Treron vernans*	1	Seen	Targeted	
13-Sep-21	1.338806022	103.797058		907	*Pycnonotus goiavier*	1	Seen	Targeted	
13-Sep-21	1.338806022	103.797058		907	*Acridotheres javanicus*	1	Seen	Targeted	
13-Sep-21	1.339087989	103.796839		908	*Trichoglossus haematodus*	2	Seen	Targeted	
13-Sep-21	1.339087989	103.796839		908	*Treron vernans*	7	Seen	Targeted	
13-Sep-21	1.339087989	103.796839		908	*Hirundo tahitica*	1	Seen	Targeted	
13-Sep-21	1.339649996	103.796478		910	*Aerodramus sp.*	15	Seen	Targeted	
13-Sep-21	1.339858035	103.796509		911	*Eleutherodactylus planirostris*	1	Heard	Targeted	
13-Sep-21	1.340120975	103.796585		912	*Geopelia striata*	1	Heard	Targeted	
13-Sep-21	1.340120975	103.796585		912	*Loriculus galgulus*	1	Heard	Targeted	
13-Sep-21	1.340120975	103.796585		912	*Orthotomus atrogularis*	1	Heard	Targeted	
13-Sep-21	1.340120975	103.796585		912	*Aethopyga siparaja*	2	Seen	Targeted	
13-Sep-21	1.340120975	103.796585		912	*Aplonis panayensis*	5	Seen	Targeted	
13-Sep-21	1.34037503	103.796514		915	*Geopelia striata*	1	Seen	Targeted	
13-Sep-21	1.34037503	103.796514		915	*Pycnonotus goiavier*	1	Heard	Targeted	
13-Sep-21	1.34037503	103.796514		915	*Dinopium javanense*	1	Heard	Targeted	
13-Sep-21	1.340921028	103.796544		918	*Dicrurus paradiseus*	1	Heard	Targeted	
13-Sep-21	1.340921028	103.796544		918	*Aplonis panayensis*	10	Heard	Targeted	
13-Sep-21	1.341943033	103.796056		925	*Aegithina tiphia*	1	Heard	Targeted	
13-Sep-21	1.341943033	103.796056		925	*Oriolus chinensis*	2	Heard	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
13-Sep-21	1.341943033	103.796056		925	*Gallus gallus*	2	Seen	Targeted	
13-Sep-21	1.342219971	103.796027		926	*Acridotheres javanicus*	1	Heard	Targeted	
13-Sep-21	1.342219971	103.796027		926	*Pycnonotus goiavier*	1	Heard	Targeted	
14-Sep-21	1.341187991	103.798234		908	*Mycalesis sp.*	2	Seen	Targeted	
14-Sep-21	1.341187991	103.798234		908	*Neurothemis fluctuans*	3	Seen	Targeted	
14-Sep-21	1.341187991	103.798234		908	*Ypthima sp.*	1	Seen	Targeted	
14-Sep-21	1.341331992	103.798354		910	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.341412961	103.798391		912	*Ropalidia sumatrae*	2	Seen	Targeted	
14-Sep-21	1.341412961	103.798391		912	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.341412961	103.798391		912	*Junonia hedonia ida*	1	Seen	Targeted	
14-Sep-21	1.341412961	103.798391		912	*Mycalesis sp.*	1	Seen	Targeted	
14-Sep-21	1.341485968	103.798494		914	*Camacinia gigantea*	1	Seen	Targeted	
14-Sep-21	1.34149896	103.79852		915	*Lasippa tiga siaka*	1	Seen	Targeted	
14-Sep-21	1.34149896	103.79852		915	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.341554029	103.798736		917	*Gynacantha sp.*	1	Seen	Targeted	
14-Sep-21	1.341254963	103.799064		921	*Neurothemis fluctuans*	3	Seen	Targeted	
14-Sep-21	1.341254963	103.799064		922	*Liostenogaster varipicta*	1	Seen	Targeted	
14-Sep-21	1.341254963	103.799064		922	*Camacinia gigantea*	1	Seen	Targeted	
14-Sep-21	1.341254963	103.799064		922	*Ropalidia sumatrae*	1	Seen	Targeted	
14-Sep-21	1.341254963	103.799064		922	*Ypthima horsfieldii humei*	1	Seen	Targeted	
14-Sep-21	1.341086989	103.798963		925	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.341086989	103.798963		925	*Ypthima sp.*	1	Seen	Targeted	
14-Sep-21	1.341086989	103.798963		925	*Trypoxylon sp.*	1	Seen	Targeted	
14-Sep-21	1.341127977	103.798886		926	*Ropalidia sumatrae*	1	Seen	Targeted	
14-Sep-21	1.341135018	103.798831		927	*Orthetrum luzonicum*	1	Seen	Targeted	
14-Sep-21	1.341135018	103.798831		927	*Lasioglossum albescens*	1	Seen	Targeted	
14-Sep-21	1.341135018	103.798831		928	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.34102203	103.798569		930	*Ionolyce helicon merguiana*	1	Seen	Targeted	
14-Sep-21	1.340876017	103.7984		931	*Ropalidia sumatrae*	1	Seen	Targeted	
14-Sep-21	1.340876017	103.7984		931	*Apis cerana*	1	Seen	Targeted	
14-Sep-21	1.340876017	103.7984		934	*Hemiprocne longipennis*	1	Seen	Targeted	
14-Sep-21	1.340876017	103.7984		934	*Ypthima horsfieldii humei*	2	Seen	Targeted	
14-Sep-21	1.340707038	103.798375		935	*Apis cerana*	1	Seen	Targeted	
14-Sep-21	1.340707038	103.798375		935	*Neurothemis fluctuans*	2	Seen	Targeted	
14-Sep-21	1.340561025	103.798392		937	*Apis cerana*	1	Seen	Targeted	
14-Sep-21	1.340413	103.798429		939	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.340413	103.798429		940	*Apis cerana*	1	Seen	Targeted	
14-Sep-21	1.340106977	103.798475		941	*Lasippa tiga siaka*	1	Seen	Targeted	
14-Sep-21	1.340106977	103.798475		942	*Ropalidia stigma*	1	Seen	Targeted	
14-Sep-21	1.340106977	103.798475		942	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.340034977	103.798494		944	*Nomia sp. aff. Apicalis*	1	Seen	Targeted	
14-Sep-21	1.340034977	103.798494		944	*Apis cerana*	3	Seen	Targeted	
14-Sep-21	1.340034977	103.798494		944	*Nomia fuscipennis*	1	Seen	Targeted	
14-Sep-21	1.340034977	103.798494		944	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.339902962	103.798551		948	*Camacinia gigantea*	1	Seen	Targeted	
14-Sep-21	1.339745969	103.798808		949	*Eurema sp.*	2	Seen	Targeted	
14-Sep-21	1.339714034	103.799048		952	*Ropalidia sumatrae*	TMTC	Seen	Targeted	Nest observed
14-Sep-21	1.338383993	103.798573		1004	*Delias hyparete metarete*	1	Seen	Targeted	
14-Sep-21	1.337955007	103.798485		1007	*Dicrurus paradiseus*	1	Seen	Incidental	
14-Sep-21	1.337616965	103.798773		1009	*Gynacantha subinterrupta*	1	Seen	Targeted	
14-Sep-21	1.337501965	103.798547		1011	*Caltoris cormasa*	1	Seen	Targeted	
14-Sep-21	1.337501965	103.798547		1011	*Eurema sp.*	1	Seen	Targeted	
14-Sep-21	1.337353019	103.798439		1012	*Tyriobapta torrida*	2	Seen	Targeted	
14-Sep-21	1.337257968	103.798323		1014	*Amegilla andrewsi*	1	Seen	Targeted	
14-Sep-21	1.337257968	103.798323		1014	*Apis cerana*	1	Seen	Targeted	
14-Sep-21	1.337257968	103.798323		1014	*Neurothemis fluctuans*	2	Seen	Targeted	
14-Sep-21	1.337257968	103.798323		1014	*Junonia hedonia ida*	1	Seen	Targeted	
14-Sep-21	1.337254029	103.798248		1015	*Junonia hedonia ida*	1	Seen	Targeted	
14-Sep-21	1.337254029	103.798248		1015	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.337254029	103.798248		1015	*Mycalesis sp.*	1	Seen	Targeted	
14-Sep-21	1.337254029	103.798248		1015	*Stenodyneriellus guttulatus*	1	Seen	Targeted	
14-Sep-21	1.337266015	103.798232		1016	*Mycalesis mineus macromalayana*	1	Seen	Targeted	
14-Sep-21	1.337353019	103.798182		1018	*Mycalesis perseoides perseoides*	2	Seen	Targeted	
14-Sep-21	1.337857023	103.797937		1023	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.339717973	103.798686		1024	*Macaca fascicularis*	1	Seen	Incidental	
14-Sep-21	1.339225033	103.798005		1037	*Neurothemis fluctuans*	2	Seen	Targeted	
14-Sep-21	1.339225033	103.798005		1037	*Jamides celeno aelianus*	7	Seen	Targeted	
14-Sep-21	1.339225033	103.798005		1037	*Ropalidia sumatrae*	2	Seen	Targeted	
14-Sep-21	1.339225033	103.798005		1037	*Mycalesis sp.*	1	Seen	Targeted	
14-Sep-21	1.339225033	103.798005		1040	*Oriens gola pseudolus*	1	Seen	Targeted	
14-Sep-21	1.339315977	103.797951		1041	*Graphium sp.*	1	Seen	Targeted	
14-Sep-21	1.339888042	103.797323		1048	*Junonia hedonia ida*	3	Seen	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
14-Sep-21	1.339888042	103.797323		1048	*Ypthima baldus newboldi*	1	Seen	Targeted	
14-Sep-21	1.339888042	103.797323		1048	*Sphex subtruncatus*	1	Seen	Targeted	
14-Sep-21	1.339888042	103.797323		1048	*Graphium sarpedon luctatius*	1	Seen	Targeted	
14-Sep-21	1.339888042	103.797323		1048	*Stenodyneriellus guttulatus*	1	Seen	Targeted	
14-Sep-21	1.339888042	103.797323		1048	*Apis cerana*	10	Seen	Targeted	
14-Sep-21	1.339888042	103.797323		1048	*Iambrix salsala salsala*	1	Seen	Targeted	
14-Sep-21	1.339840014	103.797118		1054	*Ropalidia jacobsoni*	2	Seen	Targeted	Nest observed
14-Sep-21	1.339840014	103.797118		1054	*Orthetrum sabina*	1	Seen	Targeted	
14-Sep-21	1.339423014	103.797085		1057	*Xylocopa latipes*	1	Seen	Targeted	
14-Sep-21	1.339332992	103.79714		1100	*Crocothemis servilia*	1	Seen	Targeted	
14-Sep-21	1.339332992	103.79714		1100	*Trithemis festiva*	3	Seen	Targeted	
14-Sep-21	1.339332992	103.79714		1100	*Trithemis aurora*	3	Seen	Targeted	
14-Sep-21	1.339332992	103.79714		1100	*Orthetrum chrysis*	1	Seen	Targeted	
14-Sep-21	1.339332992	103.79714		1100	*Neurothemis fluctuans*	1	Seen	Targeted	
14-Sep-21	1.339134006	103.797182		1105	*Orthetrum luzonicum*	1	Seen	Targeted	
14-Sep-21	1.339134006	103.797182		1105	*Agriocnemis femina*	1	Seen	Targeted	
14-Sep-21	1.339134006	103.797182		1105	*Trypoxylon sp.*	1	Seen	Targeted	
14-Sep-21	1.338972989	103.797203		1105	*Orthetrum testaceum*	1	Seen	Targeted	
14-Sep-21	1.338972989	103.797203		1105	*Zizula hylax pygmaea*	1	Seen	Targeted	
14-Sep-21	1.338972989	103.797203		1105	*Trithemis festiva*	1	Seen	Targeted	
14-Sep-21	1.33882002	103.797119		1107	*Mycalesis sp.*	1	Seen	Targeted	
14-Sep-21	1.339574978	103.796613		1109	*Ypthima sp.*	1	Seen	Targeted	
14-Sep-21	1.340087028	103.796601		1113	*Ropalidia sumatrae*	1	Seen	Targeted	
14-Sep-21	1.340087028	103.796601		1113	*Borbo cinnara*	1	Seen	Targeted	
14-Sep-21	1.340214014	103.7966		1114	*Borbo cinnara*	1	Seen	Targeted	
14-Sep-21	1.340241004	103.796578		1114	*Ropalidia sumatrae*	3	Seen	Targeted	
14-Sep-21	1.340241004	103.796578		1115	*Ypthima sp.*	1	Seen	Targeted	
14-Sep-21	1.340241004	103.796578		1115	*Iambrix salsala salsala*	1	Seen	Targeted	
14-Sep-21	1.340241004	103.796578		1115	*Mycalesis sp.*	1	Seen	Targeted	
14-Sep-21	1.340241004	103.796578		1115	*Apis cerana*	2	Seen	Targeted	
14-Sep-21	1.340241004	103.796578		1115	*Orthetrum luzonicum*	1	Seen	Targeted	
14-Sep-21	1.340241004	103.796578		1115	*Mycalesis perseoides perseoides*	1	Seen	Targeted	
14-Sep-21	1.340346029	103.796527		1118	*Mycalesis visala phamis*	1	Seen	Targeted	
14-Sep-21	1.340393974	103.796531		1118	*Iambrix salsala salsala*	1	Seen	Targeted	
14-Sep-21	1.340393974	103.796531		1119	*Apis cerana*	2	Seen	Targeted	
14-Sep-21	1.341295028	103.796441		1126	*Mycalesis mineus macromalayana*	1	Seen	Targeted	
14-Sep-21	1.341945967	103.796116		1129	*Neptis hylas papaja*	1	Seen	Targeted	
14-Sep-21	1.341945967	103.796116		1129	*Hypolimnas bolina bolina*	1	Seen	Targeted	
14-Sep-21	1.342332037	103.796252		1131	*Eooxylides tharis distanti*	1	Seen	Targeted	
14-Sep-21	1.340047969	103.799081		1200	*Pycnonotus plumosus*	1	Seen	Incidental	
14-Sep-21	1.340637971	103.798837		1220	*Galeopterus variegatus*	1	Seen	Incidental	
15-Sep-21	1.341309026	103.798299		1949	*Caprimulgus macrurus*	1	Heard	Targeted	
15-Sep-21	1.341424026	103.798315		1951	*Dendrelaphis pictus*	2	Seen	Targeted	
15-Sep-21	1.341486974	103.798861		1958	*Caprimulgus macrurus*	1	Seen	Targeted	
15-Sep-21	1.341242976	103.79901		2000	*Dendrelaphis pictus*	1	Seen	Targeted	
15-Sep-21	1.341145998	103.798991		2003	*Polypedates leucomystax*	2	Heard	Targeted	
15-Sep-21	1.341145998	103.798991		2003	*Microhyla heymonsi*	5	Heard	Targeted	
15-Sep-21	1.341145998	103.798991		2003	*Microhyla mukhlesuri*	5	Heard	Targeted	
15-Sep-21	1.340807034	103.798331		2008	*Caprimulgus macrurus*	1	Seen	Targeted	
15-Sep-21	1.340807034	103.798331		2008	*Caprimulgus macrurus*	1	Heard	Targeted	
15-Sep-21	1.340807034	103.798331		2008	*Unidentified Gekkonidae*	1	Seen	Targeted	
15-Sep-21	1.340640988	103.798358		2011	*Bronchocela cristatella*	1	Seen	Targeted	
15-Sep-21	1.340640988	103.798358		2011	*Unidentified Pteropodidae*	4	Seen	Targeted	
15-Sep-21	1.340640988	103.798358		2011	*Limnonectes blythii*	1	Seen	Targeted	
15-Sep-21	1.340521965	103.798337		2012	*Paradoxurus musangus*	2	Seen	Targeted	
15-Sep-21	1.340521965	103.798337		2014	*Fejervarya limnocharis*	1	Heard	Targeted	
15-Sep-21	1.340432027	103.798372		2017	*Caprimulgus macrurus*	1	Seen	Targeted	
15-Sep-21	1.340432027	103.798372		2017	*Oriolus chinensis*	1	Seen	Targeted	
15-Sep-21	1.339881001	103.798472		2022	*Bronchocela cristatella*	1	Seen	Targeted	
15-Sep-21	1.339779999	103.798695		2023	*Oriolus chinensis*	2	Seen	Targeted	
15-Sep-21	1.339703975	103.798776		2025	*Microhyla heymonsi*	3	Heard	Targeted	
15-Sep-21	1.339758039	103.798947		2028	*Eleutherodactylus planirostris*	2	Seen	Targeted	
15-Sep-21	1.339430977	103.798939		2033	*Limnonectes blythii*	1	Seen	Targeted	
15-Sep-21	1.339016994	103.798937		2042	*Limnonectes blythii*	1	Seen	Targeted	
15-Sep-21	1.339016994	103.798937		2042	*Limnonectes blythii*	1	Seen	Targeted	
15-Sep-21	1.339016994	103.798937		2042	*Limnonectes blythii*	1	Seen	Targeted	
15-Sep-21	1.339016994	103.798937		2043	*Limnonectes blythii*	1	Seen	Targeted	
15-Sep-21	1.337478999	103.79861		2052	*Bronchocela cristatella*	1	Seen	Targeted	
15-Sep-21	1.337478999	103.79861		2057	*Unidentified Pteropodidae*	1	Seen	Targeted	
15-Sep-21	1.337537002	103.797964		2104	*Unidentified Pteropodidae*	1	Seen	Targeted	
15-Sep-21	1.338084005	103.797894		2108	*Treron vernans*	1	Seen	Targeted	
15-Sep-21	1.338279974	103.797964		2111	*Eleutherodactylus planirostris*	3	Heard	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
15-Sep-21	1.338608963	103.798095		2114	*Oriolus chinensis*	1	Seen	Targeted	
15-Sep-21	1.338785989	103.79819		2116	*Unidentified Pteropodidae*	1	Seen	Targeted	
15-Sep-21	1.339116991	103.79806		2120	*Oriolus chinensis*	6	Seen	Targeted	
15-Sep-21	1.339477999	103.797613		2127	*Fejervarya limnocharis*	1	Heard	Targeted	
15-Sep-21	1.339601967	103.797438		2130	*Polypedates leucomystax*	1	Heard	Targeted	
15-Sep-21	1.33967598	103.797357		2130	*Unidentified Pteropodidae*	1	Seen	Targeted	
15-Sep-21	1.33967598	103.797357		2132	*Eleutherodactylus planirostris*	1	Seen	Targeted	
15-Sep-21	1.33967598	103.797357		2132	*Unidentified Gekkonidae*	1	Heard	Targeted	
15-Sep-21	1.339859962	103.797145		2133	*Polypedates leucomystax*	1	Heard	Targeted	
15-Sep-21	1.338765034	103.797157		2137	*Fejervarya sp.*	1	Seen	Targeted	
15-Sep-21	1.339828027	103.796457		2142	*Microhyla heymonsi*	1	Heard	Targeted	
15-Sep-21	1.339828027	103.796457		2145	*Unidentified Gekkonidae*	1	Heard	Targeted	
15-Sep-21	1.339828027	103.796457		2149	*Otus lempiji*	1	Heard	Targeted	
15-Sep-21	1.339828027	103.796457		2150	*Unidentified Pteropodidae*	1	Seen	Targeted	
15-Sep-21	1.340403026	103.796503		2156	*Dendrelaphis pictus*	1	Seen	Targeted	
15-Sep-21	1.340478966	103.79659		2158	*Caprimulgus macrurus*	1	Seen	Targeted	
15-Sep-21	1.340602012	103.796617		2159	*Dendrelaphis pictus*	1	Seen	Targeted	
15-Sep-21	1.340769986	103.796617		2206	*Eleutherodactylus planirostris*	2	Seen	Targeted	
15-Sep-21	1.340769986	103.796617		2206	*Eleutherodactylus planirostris*	1	Heard	Targeted	
15-Sep-21	1.340769986	103.796617		2206	*Duttaphrynus melanostictus*	1	Seen	Targeted	
15-Sep-21	1.341650002	103.796218		2215	*Dendrelaphis pictus*	1	Seen	Targeted	
15-Sep-21	1.341898022	103.796081		2219	*Bronchocela cristatella*	1	Seen	Targeted	
15-Sep-21	1.341898022	103.796081		2219	*Eleutherodactylus planirostris*	1	Heard	Targeted	
15-Sep-21	1.341898022	103.796081		2219	*Polypedates leucomystax*	1	Heard	Targeted	
15-Sep-21	1.34280201	103.796923		2231	*Strix seloputo*	1	Seen	Targeted	
16-Sep-21	1.339283	103.798642		1000	*Arhopala amphimuta amphimuta*	1	Seen	Incidental	
16-Sep-21	1.338581	103.799267		1110	*Tanaecia pelea pelea*	1	Seen	Incidental	
16-Sep-21	1.339088	103.799234		1230	*Tanaecia iapis puseda*	1	Seen	Incidental	
25-Sep-21	1.342279986	103.796213		848	*Mycalesis perseoides perseoides*	4	Seen	Targeted	
25-Sep-21	1.342261964	103.796091		851	*Mycalesis visala phamis*	3	Seen	Targeted	
25-Sep-21	1.342039006	103.795986		852	*Haliastur indus*	1	Seen	Incidental	
25-Sep-21	1.34129704	103.796331		859	*Mycalesis visala phamis*	2	Seen	Targeted	
25-Sep-21	1.340957992	103.796508		903	*Iambrix salsala salsala*	1	Seen	Targeted	
25-Sep-21	1.340291966	103.796507		909	*Naja sumatrana*	1	Seen	Incidental	
25-Sep-21	1.340291966	103.796507		909	*Potanthus omaha omaha*	1	Seen	Targeted	
25-Sep-21	1.340291966	103.796507		909	*Oriens gola pseudolus*	1	Seen	Targeted	
25-Sep-21	1.340268999	103.796518		911	*Potanthus omaha omaha*	2	Seen	Targeted	
25-Sep-21	1.340268999	103.796518		911	*Mycalesis sp.*	1	Seen	Targeted	
25-Sep-21	1.340093985	103.796585		915	*Iambrix salsala salsala*	1	Seen	Targeted	
25-Sep-21	1.339990972	103.796566		917	*Mycalesis visala phamis*	1	Seen	Targeted	
25-Sep-21	1.338913981	103.797189		923	*Accipiter trivirgatus*	1	Seen	Incidental	
25-Sep-21	1.339341961	103.79711		925	*Calotes versicolor*	1	Seen	Incidental	
25-Sep-21	1.339341961	103.79711		925	*Pycnonotus zeylanicus*	2	Seen	Incidental	
25-Sep-21	1.339396024	103.797837		934	*Jamides celeno aelianus*	15	Seen	Targeted	
25-Sep-21	1.339396024	103.797837		934	*Iambrix salsala salsala*	1	Seen	Targeted	
25-Sep-21	1.339200977	103.797978		942	*Mycalesis perseoides perseoides*	1	Seen	Targeted	
25-Sep-21	1.338584991	103.798052		946	*Eutropis multifasciata*	1	Seen	Incidental	
25-Sep-21	1.33788703	103.797943		952	*Ancistroides nigrita maura*	1	Seen	Targeted	
25-Sep-21	1.337295016	103.798241		956	*Mycalesis perseoides perseoides*	1	Seen	Targeted	
25-Sep-21	1.337516969	103.798602		959	*Tanaecia pelea pelea*	1	Seen	Targeted	
25-Sep-21	1.34116997	103.799034		1022	*Junonia hedonia ida*	1	Seen	Targeted	
25-Sep-21	1.34146099	103.798902		1024	*Ypthima horsfieldii humei*	1	Seen	Targeted	
25-Sep-21	1.341545982	103.798545		1026	*Mycalesis perseoides perseoides*	1	Seen	Targeted	
25-Sep-21	1.341440035	103.79844		1028	*Ypthima horsfieldii humei*	1	Seen	Targeted	
25-Sep-21	1.341412039	103.798337		1029	*Mycalesis visala phamis*	1	Seen	Targeted	
25-Sep-21	1.341412039	103.798337		1029	*Lasippa tiga siaka*	1	Seen	Targeted	
25-Sep-21	1.341249011	103.798266		1030	*Mycalesis mineus macromalayana*	1	Seen	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Psittacula alexandri*	1	Heard	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Eudynamys scolopaceus*	1	Heard	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Pycnonotus zeylanicus*	1	Heard	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Oriolus chinensis*	1	Heard	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Geopelia striata*	1	Heard	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Psilopogon lineatus*	2	Seen	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Mixornis gularis*	2	Heard	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Gallus gallus*	1	Heard	Targeted	
7-Oct-21	1.342328014	103.796432		653	*Ficedula zanthopygia*	1	Heard	Targeted	
7-Oct-21	1.34234	103.796174		655	*Eleutherodactylus planirostris*	3	Heard	Targeted	
7-Oct-21	1.34234	103.796174		657	*Ficedula zanthopygia*	1	Heard	Targeted	
7-Oct-21	1.34234	103.796174		657	*Psittacula alexandri*	1	Heard	Targeted	
7-Oct-21	1.342117963	103.796035		659	*Psittacula longicauda*	1	Heard	Targeted	
7-Oct-21	1.342117963	103.796035		659	*Mixornis gularis*	1	Heard	Targeted	
7-Oct-21	1.341941021	103.796092		659	*Oriolus chinensis*	1	Heard	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
7-Oct-21	1.341623012	103.796331		704	*Oriolus chinensis*	1	Heard	Targeted	
7-Oct-21	1.341623012	103.796331		704	*Aplonis panayensis*	2	Heard	Targeted	
7-Oct-21	1.341623012	103.796331		704	*Chrysophlegma miniaceum*	1	Heard	Targeted	
7-Oct-21	1.341623012	103.796331		704	*Eudynamys scolopaceus*	1	Heard	Targeted	
7-Oct-21	1.341494014	103.79641		705	*Psittacula alexandri*	1	Heard	Targeted	
7-Oct-21	1.341239037	103.796508		707	*Eudynamys scolopaceus*	1	Heard	Targeted	
7-Oct-21	1.341239037	103.796508		707	*Chrysophlegma miniaceum*	1	Heard	Targeted	
7-Oct-21	1.341239037	103.796508		707	*Oriolus chinensis*	1	Heard	Targeted	
7-Oct-21	1.341239037	103.796508		708	*Treron vernans*	1	Heard	Targeted	
7-Oct-21	1.341239037	103.796508		708	*Orthotomus atrogularis*	1	Heard	Targeted	
7-Oct-21	1.341239037	103.796508		708	*Psilopogon lineatus*	1	Heard	Targeted	
7-Oct-21	1.341101993	103.796583		709	*Aplonis panayensis*	2	Heard	Targeted	
7-Oct-21	1.34097903	103.796569		711	*Acridotheres javanicus*	3	Heard	Targeted	
7-Oct-21	1.340652974	103.796626		716	*Pycnonotus zeylanicus*	1	Heard	Targeted	
7-Oct-21	1.340652974	103.796626		716	*Pycnonotus goiavier*	5	Heard	Targeted	
7-Oct-21	1.340652974	103.796626		716	*Oriolus chinensis*	2	Heard	Targeted	
7-Oct-21	1.340652974	103.796626		716	*Treron vernans*	2	Seen	Targeted	
7-Oct-21	1.340652974	103.796626		716	*Callosciurus notatus*	1	Seen	Targeted	
7-Oct-21	1.340598995	103.796675		717	*Psittacula longicauda*	1	Seen	Targeted	
7-Oct-21	1.340552978	103.796664		718	*Callosciurus notatus*	1	Seen	Targeted	
7-Oct-21	1.340552978	103.796664		718	*Pycnonotus plumosus*	1	Heard	Targeted	
7-Oct-21	1.340552978	103.796664		718	*Acridotheres javanicus*	8	Seen	Targeted	
7-Oct-21	1.340552978	103.796664		718	*Gallus gallus*	1	Heard	Targeted	
7-Oct-21	1.340356003	103.796633		720	*Pycnonotus goiavier*	3	Heard	Targeted	
7-Oct-21	1.340302024	103.796555		722	*Aplonis panayensis*	10	Heard	Targeted	
7-Oct-21	1.340302024	103.796555		722	*Amaurornis phoenicurus*	1	Heard	Targeted	
7-Oct-21	1.340302024	103.796555		722	*Eleutherodactylus planirostris*	3	Heard	Targeted	
7-Oct-21	1.340302024	103.796555		722	*Psittacula alexandri*	3	Seen	Targeted	
7-Oct-21	1.340175038	103.796589		724	*Chrysophlegma miniaceum*	1	Heard	Targeted	
7-Oct-21	1.340175038	103.796589		724	*Oriolus chinensis*	1	Seen	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Spilopelia chinensis*	1	Heard	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Oriolus chinensis*	2	Heard	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Spilopelia chinensis*	2	Seen	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Trichoglossus haematodus*	4	Seen	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Aplonis panayensis*	17	Seen	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Treron vernans*	2	Seen	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Gallus gallus*	1	Heard	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Pycnonotus zeylanicus*	1	Heard	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Pycnonotus goiavier*	2	Heard	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Halcyon smyrnensis*	1	Heard	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Eurystomus orientalis*	1	Heard	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Mixornis gularis*	1	Heard	Targeted	
7-Oct-21	1.340081999	103.796594		725	*Psilopogon lineatus*	1	Heard	Targeted	
7-Oct-21	1.338924039	103.796974		734	*Psittacula alexandri*	1	Heard	Targeted	
7-Oct-21	1.338924039	103.796974		734	*Oriolus chinensis*	1	Heard	Targeted	
7-Oct-21	1.338797975	103.797151		736	*Pycnonotus goiavier*	5	Seen	Targeted	
7-Oct-21	1.338797975	103.797151		736	*Oriolus chinensis*	2	Seen	Targeted	
7-Oct-21	1.338797975	103.797151		736	*Aplonis panayensis*	5	Seen	Targeted	
7-Oct-21	1.339375991	103.797087		737	*Orthotomus sutorius*	1	Heard	Targeted	
7-Oct-21	1.339375991	103.797087		737	*Oriolus chinensis*	1	Heard	Targeted	
7-Oct-21	1.339375991	103.797087		737	*Treron vernans*	1	Heard	Targeted	
7-Oct-21	1.339772036	103.797066		739	*Psittacula alexandri*	5	Seen	Targeted	
7-Oct-21	1.339772036	103.797066		739	*Psittacula krameri*	1	Seen	Targeted	
7-Oct-21	1.339772036	103.797066		739	*Pycnonotus zeylanicus*	1	Heard	Targeted	
7-Oct-21	1.339772036	103.797066		739	*Treron vernans*	3	Seen	Targeted	
7-Oct-21	1.339772036	103.797066		739	*Acridotheres javanicus*	2	Heard	Targeted	
7-Oct-21	1.339821992	103.797216		741	*Polypedates leucomystax*	10	Heard	Targeted	
7-Oct-21	1.339821992	103.797216		741	*Psilopogon lineatus*	1	Heard	Targeted	
7-Oct-21	1.339821992	103.797216		742	*Lanius sp.*	1	Heard	Targeted	
7-Oct-21	1.339695007	103.797431		743	*Eudynamys scolopaceus*	1	Heard	Targeted	
7-Oct-21	1.339695007	103.797431		743	*Orthotomus sericeus*	1	Heard	Targeted	
7-Oct-21	1.339695007	103.797431		743	*Pycnonotus plumosus*	1	Heard	Targeted	
7-Oct-21	1.339695007	103.797431		743	*Oriolus chinensis*	2	Heard	Targeted	
7-Oct-21	1.339591993	103.797581		745	*Lanius sp.*	1	Heard	Targeted	
7-Oct-21	1.339486968	103.797622		746	*Pycnonotus zeylanicus*	2	Heard	Targeted	
7-Oct-21	1.339486968	103.797622		746	*Gallus gallus*	1	Heard	Targeted	
7-Oct-21	1.339433994	103.797731		748	*Pycnonotus goiavier*	1	Seen	Targeted	
7-Oct-21	1.339376997	103.797884		749	*Eos bornea*	2	Heard	Targeted	
7-Oct-21	1.339376997	103.797884		749	*Loriculus galgulus*	1	Heard	Targeted	
7-Oct-21	1.33933601	103.797911		751	*Pycnonotus goiavier*	1	Seen	Targeted	
7-Oct-21	1.33933601	103.797911		751	*Phylloscopus borealis*	1	Heard	Targeted	
7-Oct-21	1.339226961	103.797957		752	*Eleutherodactylus planirostris*	3	Heard	Targeted	

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7-Oct-21	1.339226961	103.797957		752	*Aegithina tiphia*	1	Heard	Targeted	
7-Oct-21	1.339226961	103.797957		752	*Psittacula alexandri*	1	Seen	Targeted	
7-Oct-21	1.339217992	103.79802		753	*Muscicapa dauurica*	1	Heard	Targeted	
7-Oct-21	1.339217992	103.79802		753	*Pycnonotus zeylanicus*	1	Heard	Targeted	
7-Oct-21	1.339016994	103.798153		756	*Psilopogon lineatus*	1	Heard	Targeted	
7-Oct-21	1.338961003	103.798209		757	*Eleutherodactylus planirostris*	5	Heard	Targeted	
7-Oct-21	1.338834018	103.798241		759	*Varanus salvator*	1	Seen	Targeted	
7-Oct-21	1.338547021	103.798116		800	*Orthotomus atrogularis*	1	Heard	Targeted	
7-Oct-21	1.338417018	103.797912		803	*Mixornis gularis*	1	Heard	Targeted	
7-Oct-21	1.338417018	103.797912		803	*Pycnonotus goiavier*	1	Heard	Targeted	
7-Oct-21	1.338417018	103.797912		803	*Eudynamys scolopaceus*	1	Heard	Targeted	
7-Oct-21	1.338417018	103.797912		803	*Chrysophlegma miniaceum*	1	Heard	Targeted	
7-Oct-21	1.338261031	103.797986		804	*Psittacula alexandri*	3	Heard	Targeted	
7-Oct-21	1.338112	103.797949		806	*Phylloscopus coronatus*	3	Seen	Targeted	
7-Oct-21	1.338112	103.797949		806	*Eleutherodactylus planirostris*	4	Heard	Targeted	
7-Oct-21	1.338112	103.797949		810	*Aplonis panayensis*	1	Heard	Targeted	
7-Oct-21	1.338112	103.797949		810	*Gallus gallus*	1	Heard	Targeted	
7-Oct-21	1.338112	103.797949		810	*Eudynamys scolopaceus*	2	Heard	Targeted	
7-Oct-21	1.338112	103.797949		810	*Psittacula alexandri*	1	Heard	Targeted	
7-Oct-21	1.337983003	103.797879		811	*Cacatua sp.*	1	Heard	Targeted	
7-Oct-21	1.337260986	103.798235		818	*Eudynamys scolopaceus*	1	Heard	Targeted	
7-Oct-21	1.337360982	103.798417		820	*Aplonis panayensis*	5	Heard	Targeted	
7-Oct-21	1.337360982	103.798417		826	*Psilopogon lineatus*	1	Heard	Targeted	
7-Oct-21	1.338266982	103.798512		826	*Eleutherodactylus planirostris*	2	Heard	Targeted	
7-Oct-21	1.338266982	103.798512		828	*Dendronanthus indicus*	1	Seen	Targeted	
7-Oct-21	1.338619022	103.798589		829	*Callosciurus notatus*	1	Seen	Targeted	
7-Oct-21	1.338619022	103.798589		829	*Picus vittatus*	1	Heard	Targeted	
7-Oct-21	1.338619022	103.798589		830	*Bronchocela cristatella*	1	Seen	Targeted	
7-Oct-21	1.338850027	103.798604		833	*Eudynamys scolopaceus*	1	Heard	Targeted	
7-Oct-21	1.338953041	103.798775		836	*Pycnonotus zeylanicus*	1	Heard	Targeted	
7-Oct-21	1.339236014	103.798884		837	*Anthreptes malacensis*	1	Heard	Targeted	
7-Oct-21	1.339289993	103.798917		838	*Caprimulgus macrurus*	1	Seen	Targeted	
7-Oct-21	1.339725014	103.798984		846	*Oriolus chinensis*	1	Heard	Targeted	
7-Oct-21	1.339725014	103.798984		847	*Acridotheres javanicus*	5	Seen	Targeted	
7-Oct-21	1.339718979	103.798722		849	*Aplonis panayensis*	5	Seen	Targeted	
7-Oct-21	1.33980196	103.798605		849	*Pycnonotus goiavier*	2	Seen	Targeted	
7-Oct-21	1.340147965	103.798434		851	*Aplonis panayensis*	19	Seen	Targeted	
7-Oct-21	1.340893032	103.798429		855	*Pycnonotus goiavier*	6	Seen	Targeted	
7-Oct-21	1.340893032	103.798429		855	*Psilopogon lineatus*	1	Heard	Targeted	
7-Oct-21	1.340893032	103.798429		858	*Draco sumatranus*	2	Seen	Targeted	
7-Oct-21	1.340893032	103.798429		858	*Merops viridis*	2	Seen	Targeted	
7-Oct-21	1.340893032	103.798429		859	*Spilopelia chinensis*	2	Seen	Targeted	
7-Oct-21	1.341106016	103.798949		900	*Dicaeum cruentatum*	1	Heard	Targeted	
7-Oct-21	1.341106016	103.798949		900	*Pycnonotus jocosus*	1	Heard	Targeted	
7-Oct-21	1.341302991	103.799051		901	*Spilopelia chinensis*	1	Heard	Targeted	
7-Oct-21	1.341334004	103.798971		901	*Amaurornis phoenicurus*	1	Heard	Targeted	
7-Oct-21	1.341435006	103.798945		902	*Micropternus brachyurus*	1	Seen	Targeted	
7-Oct-21	1.34157096	103.798696		905	*Psilopogon lineatus*	2	Heard	Targeted	
7-Oct-21	1.341429977	103.798384		909	*Pycnonotus goiavier*	1	Heard	Targeted	
7-Oct-21	1.341429977	103.798384		909	*Oriolus chinensis*	1	Heard	Targeted	
7-Oct-21	1.341429977	103.798384		909	*Eudynamys scolopaceus*	1	Heard	Targeted	
8-Oct-21	1.342266994	103.79605		911	*Xylocopa latipes*	2	Seen	Targeted	
8-Oct-21	1.342072031	103.796042		914	*Orthetrum glaucum*	1	Seen	Targeted	
8-Oct-21	1.340257013	103.796535		931	*Stenodyneriellus guttulatus*	1	Seen	Targeted	
8-Oct-21	1.340257013	103.796535		931	*Nomia strigata*	1	Seen	Targeted	
8-Oct-21	1.340257013	103.796535		931	*Apis cerana*	4	Seen	Targeted	
8-Oct-21	1.339833979	103.796649		931	*Apis cerana*	1	Seen	Targeted	
8-Oct-21	1.339833979	103.796649		931	*Ropalidia sumatrae*	2	Seen	Targeted	
8-Oct-21	1.339833979	103.796649		937	*Ropalidia sumatrae*	1	Seen	Targeted	
8-Oct-21	1.338883974	103.796993		941	*Vespa tropica*	1	Seen	Targeted	
8-Oct-21	1.338700997	103.79717		943	*Neurothemis fluctuans*	1	Seen	Targeted	
8-Oct-21	1.338700997	103.79717		943	*Orthetrum testaceum*	1	Seen	Targeted	
8-Oct-21	1.338788001	103.797212		945	*Apis cerana*	4	Seen	Targeted	
8-Oct-21	1.338788001	103.797212		945	*Orthetrum luzonicum*	1	Seen	Targeted	
8-Oct-21	1.339175999	103.797183		946	*Trithemis festiva*	1	Seen	Targeted	
8-Oct-21	1.339175999	103.797183		946	*Agriocnemis femina*	1	Seen	Targeted	
8-Oct-21	1.339235008	103.797163		948	*Apis cerana*	1	Seen	Targeted	
8-Oct-21	1.339235008	103.797163		948	*Trithemis festiva*	1	Seen	Targeted	
8-Oct-21	1.339235008	103.797163		948	*Orthetrum chrysis*	1	Seen	Targeted	
8-Oct-21	1.339430977	103.797028		951	*Pantala flavescens*	15	Seen	Targeted	
8-Oct-21	1.339430977	103.797028		951	*Rhyothemis phyllis*	1	Seen	Targeted	
8-Oct-21	1.339430977	103.797028		951	*Orthetrum luzonicum*	2	Seen	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
8-Oct-21	1.339430977	103.797028		951	*Orthetrum chrysis*	1	Seen	Targeted	
8-Oct-21	1.339430977	103.797028		951	*Camacinia gigantea*	1	Seen	Targeted	
8-Oct-21	1.33958797	103.797012		954	*Apis cerana*	1	Seen	Targeted	
8-Oct-21	1.339793997	103.797116		956	*Ropalidia stigma*	4	Seen	Targeted	
8-Oct-21	1.339793997	103.797116		956	*Neurothemis fluctuans*	1	Seen	Targeted	
8-Oct-21	1.33790304	103.797938		1019	*Prodasineura notostigma*	1	Seen	Targeted	
8-Oct-21	1.337345978	103.798456		1032	*Cratilla metallica*	1	Seen	Targeted	
8-Oct-21	1.337730959	103.798588		1036	*Lathrecista asiatica*	1	Seen	Targeted	
8-Oct-21	1.339129983	103.798836		1046	*Copera marginipes*	1	Seen	Targeted	
8-Oct-21	1.339117996	103.7989		1048	*Orthetrum chrysis*	2	Seen	Targeted	
8-Oct-21	1.339669023	103.799132		1101	*Ropalidia sumatrae*	1	Seen	Targeted	Nest observed
8-Oct-21	1.339669023	103.799132		1101	*Tetragonula valdezi*	1	Seen	Targeted	Nest observed
8-Oct-21	1.340912981	103.798437		1112	*Neurothemis fluctuans*	1	Seen	Targeted	
8-Oct-21	1.341155972	103.798987		1115	*Tramea transmarina*	1	Seen	Targeted	
8-Oct-21	1.341354037	103.799078		1118	*Neurothemis fluctuans*	2	Seen	Targeted	
8-Oct-21	1.341587976	103.798725		1122	*Ropalidia sumatrae*	1	Seen	Targeted	
8-Oct-21	1.341612032	103.798614		1123	*Camacinia gigantea*	1	Seen	Targeted	
8-Oct-21	1.341612032	103.798614		1123	*Neurothemis fluctuans*	1	Seen	Targeted	
8-Oct-21	1.341422014	103.798331		1126	*Xylocopa flavonigrescens*	1	Seen	Targeted	
8-Oct-21	1.341422014	103.798331		1126	*Neurothemis fluctuans*	1	Seen	Targeted	
11-Oct-21	1.342316782	103.7963952		1937	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342316782	103.7963952		1937	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342316782	103.7963952		1937	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342304209	103.7963382		1938	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.342304209	103.7963382		1938	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342304209	103.7963382		1938	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342292139	103.7963156		1938	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342292139	103.7963156		1938	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342292139	103.7963156		1938	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342305886	103.7963104		1938	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342305969	103.796313		1939	*Eleutherodactylus planirostris*	2	Heard	Targeted	
11-Oct-21	1.342305969	103.796313		1939	*Unidentified Gekkonidae*	1	Heard	Targeted	
11-Oct-21	1.342305969	103.796313		1939	*Microhyla butleri*	1	Seen	Targeted	
11-Oct-21	1.342238998	103.796085		1939	*Eleutherodactylus planirostris*	6	Seen	Targeted	
11-Oct-21	1.342305886	103.7963104		1939	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.34228887	103.7962371		1939	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342318039	103.7961916		1939	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342281159	103.7961716		1940	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.342302617	103.7961586		1940	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342238998	103.796085		1942	*Caprimulgus macrurus*	1	Heard	Targeted	
11-Oct-21	1.342026014	103.795994		1944	*Polypedates leucomystax*	1	Seen	Targeted	
11-Oct-21	1.342078736	103.7959812		1944	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.342078736	103.7959812		1944	Taphozous melanopogon	NA	Bioacoustics	Targeted	
11-Oct-21	1.341960467	103.7960514		1945	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341849994	103.7961441		1946	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341458559	103.796381		1951	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341426624	103.7963768		1952	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341426624	103.7963768		1952	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.34146099	103.796358		1953	*Unidentified Gekkonidae*	1	Heard	Targeted	
11-Oct-21	1.34128212	103.7964716		1954	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.341180531	103.7965561		1956	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341180531	103.7965561		1956	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341219675	103.7965273		1957	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341059245	103.796647		1959	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.34125052	103.7965881		2001	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.34125052	103.7965881		2001	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341177011	103.796629		2003	*Eleutherodactylus planirostris*	6	Seen	Targeted	
11-Oct-21	1.341226632	103.7966166		2003	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341172066	103.7966249		2003	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341172066	103.7966249		2004	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341172066	103.7966249		2004	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.34115899	103.7966342		2004	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.34115899	103.7966342		2004	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341177011	103.796629		2005	*Unidentified Gekkonidae*	1	Heard	Targeted	
11-Oct-21	1.341178687	103.7966141		2005	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341162762	103.7966724		2006	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.340657333	103.7969541		2008	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.340789013	103.7965578		2013	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.340789013	103.7965578		2013	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.340789013	103.7965578		2013	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.341190338	103.7965119		2017	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.341205006	103.796453		2021	*Eleutherodactylus planirostris*	4	Seen	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
11-Oct-21	1.340888003	103.796504		2024	*Eleutherodactylus planirostris*	1	Seen	Targeted	
11-Oct-21	1.340736961	103.796613		2026	*Dendrelaphis pictus*	2	Seen	Targeted	
11-Oct-21	1.340424987	103.79656		2030	*Fejervarya limnocharis*	1	Seen	Targeted	
11-Oct-21	1.340296995	103.796526		2030	*Dendrelaphis pictus*	1	Seen	Targeted	
11-Oct-21	1.339811599	103.7964812		2034	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339766001	103.7964964		2034	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.33969048	103.7965099		2035	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.340296995	103.796526		2036	*Caprimulgus macrurus*	2	Heard	Targeted	
11-Oct-21	1.339318324	103.7966868		2036	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339318324	103.7966868		2037	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339599034	103.79657		2039	*Cynopterus brachyotis*	1	Seen	Targeted	
11-Oct-21	1.338979024	103.796933		2041	*Polypedates leucomystax*	1	Heard	Targeted	
11-Oct-21	1.338829994	103.797195		2041	*Rallina fasciata*	1	Heard	Targeted	
11-Oct-21	1.338829994	103.797195		2041	*Duttaphrynus melanostictus*	1	Seen	Targeted	
11-Oct-21	1.339171389	103.7971459		2042	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.33922847	103.7971623		2042	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.33922847	103.7971623		2042	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339212377	103.797149		2042	Taphozous melanopogon	NA	Bioacoustics	Targeted	
11-Oct-21	1.339014983	103.797174		2043	*Polypedates leucomystax*	1	Heard	Targeted	
11-Oct-21	1.339128977	103.797148		2043	*Caprimulgus macrurus*	1	Heard	Targeted	
11-Oct-21	1.339287646	103.7971681		2043	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.339273984	103.7971487		2043	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339400634	103.7971109		2044	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339400634	103.7971109		2045	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339516304	103.7970675		2045	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.33959543	103.7971245		2045	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339128977	103.797148		2046	*Unidentified Gekkonidae*	1	Heard	Targeted	
11-Oct-21	1.339604985	103.797133		2046	*Polypedates leucomystax*	1	Heard	Targeted	
11-Oct-21	1.339604985	103.797133		2046	*Bronchocela cristatella*	1	Seen	Targeted	
11-Oct-21	1.33959543	103.7971245		2046	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339604985	103.797133		2047	*Polypedates leucomystax*	1	Seen	Targeted	
11-Oct-21	1.339687966	103.7970367		2047	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339687966	103.7970367		2047	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339705819	103.7970417		2048	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.339705819	103.7970417		2048	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.339705819	103.7970417		2048	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339705819	103.7970417		2048	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.33966458	103.7970693		2048	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.33966458	103.7970693		2048	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.33966458	103.7970693		2048	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.33967313	103.7970409		2048	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339604985	103.797133		2049	*Orthotomus sutorius*	1	Seen	Targeted	
11-Oct-21	1.339658294	103.7970486		2049	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339658294	103.7970486		2049	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339696599	103.7970452		2049	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339765415	103.7970745		2050	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339765415	103.7970745		2050	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339765415	103.7970745		2050	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.33976684	103.7971027		2051	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339808078	103.7971143		2051	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339808078	103.7971143		2051	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339858789	103.7972242		2052	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339858789	103.7972242		2052	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339863986	103.79724		2053	*Polypedates leucomystax*	20	Seen	Targeted	Tadpoles
11-Oct-21	1.339863986	103.79724		2053	*Eleutherodactylus planirostris*	17	Seen	Targeted	
11-Oct-21	1.339851748	103.7972496		2053	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339832554	103.7972961		2054	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339768013	103.79724		2055	*Limnonectes blythii*	1	Seen	Targeted	
11-Oct-21	1.339768013	103.79724		2055	*Polypedates leucomystax*	2	Seen	Targeted	
11-Oct-21	1.339725014	103.797254		2100	*Limnonectes blythii*	3	Seen	Targeted	
11-Oct-21	1.339660641	103.7972697		2101	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339712776	103.7972298		2102	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339731133	103.797324		2104	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.339663994	103.797435		2109	*Limnonectes blythii*	1	Seen	Targeted	
11-Oct-21	1.339643039	103.797458		2109	*Limnonectes blythii*	1	Seen	Targeted	
11-Oct-21	1.339502977	103.79769		2110	*Limnonectes blythii*	1	Seen	Targeted	
11-Oct-21	1.339502977	103.79769		2110	*Polypedates leucomystax*	1	Seen	Targeted	
11-Oct-21	1.339502977	103.79769		2110	*Eleutherodactylus planirostris*	7	Seen	Targeted	
11-Oct-21	1.339409016	103.797856		2120	*Muscicapa dauurica*	1	Seen	Targeted	
11-Oct-21	1.339311032	103.7979		2122	*Bronchocela cristatella*	1	Seen	Targeted	
11-Oct-21	1.339124031	103.798075		2125	*Kaloula pulchra*	1	Seen	Targeted	
11-Oct-21	1.338954968	103.798117		2126	*Polypedates leucomystax*	1	Seen	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
11-Oct-21	1.338923033	103.798155		2126	*Fejervarya limnocharis*	1	Seen	Targeted	
11-Oct-21	1.338959914	103.7981137		2127	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.338998219	103.7981838		2128	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.338928984	103.7981561		2128	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.338932673	103.7982168		2129	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.338832006	103.798256		2131	*Eleutherodactylus planirostris*	3	Heard	Targeted	
11-Oct-21	1.338173021	103.798023		2138	*Chalcophaps indica*	1	Seen	Targeted	
11-Oct-21	1.338173021	103.798023		2138	*Eleutherodactylus planirostris*	2	Heard	Targeted	
11-Oct-21	1.337959031	103.797922		2140	*Eleutherodactylus planirostris*	3	Seen	Targeted	
11-Oct-21	1.337959031	103.797922		2140	*Microhyla butleri*	1	Seen	Targeted	
11-Oct-21	1.337901028	103.797969		2141	*Dendrelaphis pictus*	1	Seen	Targeted	
11-Oct-21	1.337898262	103.7979694		2141	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.337820813	103.7980291		2142	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
11-Oct-21	1.337773036	103.798025		2143	*Cynopterus brachyotis*	1	Seen	Targeted	
11-Oct-21	1.337241037	103.798328		2148	*Cynopterus brachyotis*	1	Seen	Targeted	
11-Oct-21	1.337415967	103.79851		2148	*Eleutherodactylus planirostris*	1	Seen	Targeted	
11-Oct-21	1.337415967	103.79851		2149	*Dendrelaphis pictus*	1	Seen	Targeted	
11-Oct-21	1.337615959	103.798703		2152	*Eleutherodactylus planirostris*	2	Seen	Targeted	
11-Oct-21	1.33790304	103.798469		2154	*Duttaphrynus melanostictus*	1	Seen	Targeted	
11-Oct-21	1.33823622	103.7985265		2156	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.338521959	103.798607		2158	*Cynopterus brachyotis*	1	Seen	Targeted	
11-Oct-21	1.338521959	103.798607		2158	*Eleutherodactylus planirostris*	2	Heard	Targeted	
11-Oct-21	1.338521959	103.798607		2158	*Troides helena cerberus*	1	Seen	Incidental	
11-Oct-21	1.338973995	103.798938		2201	*Limnonectes blythii*	2	Seen	Targeted	
11-Oct-21	1.339029986	103.798906		2207	*Limnonectes blythii*	7	Seen	Targeted	
11-Oct-21	1.339289993	103.798971		2211	*Microhyla heymonsi*	2	Seen	Targeted	
11-Oct-21	1.339433994	103.799056		2214	*Polypedates leucomystax*	1	Seen	Targeted	
11-Oct-21	1.339716967	103.799058		2216	*Eleutherodactylus planirostris*	1	Heard	Targeted	
11-Oct-21	1.339716967	103.799058		2216	*Eleutherodactylus planirostris*	1	Seen	Targeted	
11-Oct-21	1.339772036	103.798743		2220	*Dendrelaphis pictus*	2	Seen	Targeted	
11-Oct-21	1.339927018	103.798535		2223	*Cynopterus brachyotis*	1	Seen	Targeted	
11-Oct-21	1.340171015	103.798484		2225	*Eleutherodactylus planirostris*	1	Heard	Targeted	
11-Oct-21	1.340548033	103.798411		2227	*Cynopterus brachyotis*	1	Seen	Targeted	
11-Oct-21	1.340643	103.798382		2228	*Unidentified Gekkonidae*	1	Heard	Targeted	
11-Oct-21	1.340643	103.798382		2228	*Duttaphrynus melanostictus*	2	Seen	Targeted	
11-Oct-21	1.340855984	103.7983488		2228	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.340968637	103.7985921		2229	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.340777026	103.798392		2230	*Caprimulgus macrurus*	2	Heard	Targeted	
11-Oct-21	1.340643	103.798382		2230	*Limnonectes blythii*	1	Seen	Targeted	
11-Oct-21	1.34086797	103.798397		2231	*Duttaphrynus melanostictus*	4	Heard	Targeted	
11-Oct-21	1.34086797	103.798397		2231	*Microhyla mukhlesuri*	1	Heard	Targeted	
11-Oct-21	1.34086797	103.798397		2231	*Polypedates leucomystax*	1	Heard	Targeted	
11-Oct-21	1.341068968	103.798704		2231	*Fejervarya limnocharis*	1	Seen	Targeted	
11-Oct-21	1.341138789	103.7989333		2231	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341138789	103.7989333		2231	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341138035	103.798926		2232	*Calotes versicolor*	1	Seen	Targeted	
11-Oct-21	1.341127222	103.7990017		2232	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.341120936	103.7990519		2232	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.341138035	103.798926		2233	*Fejervarya limnocharis*	1	Seen	Targeted	
11-Oct-21	1.341285976	103.799052		2233	Myotis muricola	NA	Bioacoustics	Targeted	
11-Oct-21	1.341555035	103.798696		2238	*Dendrelaphis pictus*	1	Seen	Targeted	
11-Oct-21	1.341506001	103.798545		2240	*Dendrelaphis pictus*	2	Seen	Targeted	
11-Oct-21	1.341453027	103.798453		2241	*Dendrelaphis pictus*	1	Seen	Targeted	
11-Oct-21	1.341378428	103.7984053		2242	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
11-Oct-21	1.341272984	103.798317		2244	*Paradoxurus musangus*	1	Seen	Targeted	
11-Oct-21	1.341272984	103.798317		2244	*Microhyla butleri*	1	Seen	Targeted	
11-Oct-21	1.341272984	103.798317		2244	*Polypedates leucomystax*	1	Seen	Targeted	
13-Oct-21	1.341137616	103.7982203		2009	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341137616	103.7982203		2009	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341419416	103.7983282		2010	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341429055	103.7983283		2010	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341443304	103.7983435		2010	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341463756	103.7984233		2010	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341463756	103.7984233		2011	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341463756	103.7984233		2011	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341506839	103.7984776		2011	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341536008	103.7985317		2011	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341536008	103.7985317		2012	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341549922	103.7986167		2012	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341448165	103.7986016		2014	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341531482	103.7985985		2016	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341505498	103.7985688		2016	Scotophilus kuhlii	NA	Bioacoustics	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
13-Oct-21	1.341505498	103.7985688		2016	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341505498	103.7985688		2016	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341473982	103.7985572		2016	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341473982	103.7985572		2016	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341486387	103.7985585		2016	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341545312	103.7985351		2017	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341102161	103.7988884		2020	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341102161	103.7988884		2020	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341068046	103.7986616		2020	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341010882	103.7985566		2021	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.341010882	103.7985566		2021	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.339309774	103.7989434		2027	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.339229979	103.7989076		2027	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.338884393	103.7986534		2050	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.339021688	103.7986629		2050	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.338332528	103.7985645		2052	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.338332528	103.7985645		2052	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.338169836	103.7985352		2052	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.338169836	103.7985352		2052	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.33802156	103.7984921		2053	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.337930365	103.798469		2053	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.337752081	103.7984459		2053	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.337752081	103.7984459		2053	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.337607075	103.7987133		2055	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.337537421	103.7986407		2056	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.337868422	103.7979501		2100	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.338218786	103.7980091		2103	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.33833102	103.7979806		2104	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.339210365	103.7980085		2108	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.33944355	103.7978443		2109	Taphozous melanopogon	NA	Bioacoustics	Targeted	
13-Oct-21	1.339693246	103.7972991		2114	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.339702467	103.7972972		2115	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.339744292	103.7973739		2121	Scotophilus kuhlii	NA	Bioacoustics	Targeted	
13-Oct-21	1.340810638	103.7966229		2228	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
13-Oct-21	1.340810638	103.7966229		2228	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
13-Oct-21	1.340865288	103.7966099		2228	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
13-Oct-21	1.340865288	103.7966099		2228	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
13-Oct-21	1.340865288	103.7966099		2228	Rhinolophus refulgens	NA	Bioacoustics	Targeted	
13-Oct-21	1.34102555	103.7965114		2229	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.34102555	103.7965114		2229	Myotis muricola	NA	Bioacoustics	Targeted	
13-Oct-21	1.339139035	103.798917	FW2_01	2028-2033	*Eleutherodactylus planirostris*	1	Seen	Targeted	
13-Oct-21	1.339178011	103.79863	FW2_02	2036-2041	*Limnonectes blythii*	1	Seen	Targeted	
13-Oct-21	1.339178011	103.79863	FW2_02	2036-2041	*Eleutherodactylus planirostris*	1	Seen	Targeted	
13-Oct-21	1.339670029	103.797321	FW2_03	2112-2117	*Limnonectes sp.*	1	Seen	Targeted	
13-Oct-21	1.339670029	103.797321	FW2_03	2112-2117	*Eleutherodactylus planirostris*	3	Heard	Targeted	
13-Oct-21	1.339670029	103.797321	FW2_03	2112-2117	*Polypedates leucomystax*	1	Heard	Targeted	
13-Oct-21	1.339670029	103.797321	FW2_03	2112-2117	*Brachydanio albolineata*	25	Seen	Targeted	
13-Oct-21	1.339670029	103.797321	FW2_03	2112-2117	*Poecilia reticulata*	2	Seen	Targeted	
13-Oct-21	1.338920016	103.797443	FW2_04	2130-2135	*Brachydanio albolineata*	60	Seen	Targeted	
13-Oct-21	1.338920016	103.797443	FW2_04	2130-2135	*Limnonectes blythii*	1	Seen	Targeted	
13-Oct-21	1.338920016	103.797443	FW2_04	2130-2135	*Barbodes rhombeus*	2	Seen	Targeted	
13-Oct-21	1.338321967	103.797546	FW2_05	2140-2145	*Clarias gariepinus*	2	Seen	Targeted	
13-Oct-21	1.338321967	103.797546	FW2_05	2140-2145	*Barbodes rhombeus*	8	Seen	Targeted	
13-Oct-21	1.338321967	103.797546	FW2_05	2140-2145	*Brachydanio albolineata*	8	Seen	Targeted	
13-Oct-21	1.338321967	103.797546	FW2_05	2140-2145	*Channa striata*	1	Seen	Targeted	
13-Oct-21	1.337798014	103.797631	FW2_06	2201-2206	*Brachydanio albolineata*	64	Seen	Targeted	
13-Oct-21	1.337798014	103.797631	FW2_06	2201-2206	*Barbodes rhombeus*	6	Seen	Targeted	
13-Oct-21	1.336719012	103.79812	FW2_07	2214-2219	*Brachydanio albolineata*	80	Seen	Targeted	
13-Oct-21	1.336719012	103.79812	FW2_07	2214-2219	*Barbodes rhombeus*	6	Seen	Targeted	
14-Oct-21	1.339139035	103.798917	FW2_01	1252-1257	*Copera marginipes*	1	Seen	Targeted	
14-Oct-21	1.339178011	103.79863	FW2_02	1300-1305	*Limnonectes blythii*	1	Seen	Targeted	
14-Oct-21	1.339670029	103.797321	FW2_03	1313-1318	*Poecilia reticulata*	3	Seen	Targeted	
14-Oct-21	1.339670029	103.797321	FW2_03	1313-1318	*Brachydanio albolineata*	16	Seen	Targeted	
14-Oct-21	1.338920016	103.797443	FW2_04	1328-1333	*Poecilia reticulata*	3	Seen	Targeted	
14-Oct-21	1.338920016	103.797443	FW2_04	1328-1333	*Brachydanio albolineata*	15	Seen	Targeted	
14-Oct-21	1.338920016	103.797443	FW2_04	1328-1333	*Barbodes rhombeus*	1	Seen	Targeted	
14-Oct-21	1.338920016	103.797443	FW2_04	1328-1333	*Prodasineura humeralis*	4	Seen	Targeted	
14-Oct-21	1.338920016	103.797443	FW2_04	1328-1333	*Archibasis viola*	1	Seen	Targeted	
14-Oct-21	1.338321967	103.797546	FW2_05	1345-1350	*Poecilia reticulata*	4	Seen	Targeted	
14-Oct-21	1.338321967	103.797546	FW2_05	1345-1350	*Barbodes rhombeus*	3	Seen	Targeted	
14-Oct-21	1.338321967	103.797546	FW2_05	1345-1350	*Prodasineura humeralis*	4	Seen	Targeted	
14-Oct-21	1.337798014	103.797631	FW2_06	1358-1403	*Barbodes rhombeus*	30	Seen	Targeted	

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
14-Oct-21	1.337798014	103.797631	FW2_06	1358-1403	*Poecilia reticulata*	8	Seen	Targeted	
14-Oct-21	1.337798014	103.797631	FW2_06	1358-1403	*Prodasineura humeralis*	1	Seen	Targeted	
14-Oct-21	1.336719012	103.79812	FW2_07	1410-1415	*Poecilia reticulata*	5	Seen	Targeted	
14-Oct-21	1.336719012	103.79812	FW2_07	1410-1415	*Brachydanio albolineata*	41	Seen	Targeted	
14-Oct-21	1.336719012	103.79812	FW2_07	1410-1415	*Barbodes rhombeus*	11	Seen	Targeted	
14-Oct-21	1.336719012	103.79812	FW2_07	1410-1415	*Prodasineura humeralis*	5	Seen	Targeted	
14-Oct-21	1.336719012	103.79812	FW2_07	1410-1415	*Tyriobapta torrida*	6	Seen	Targeted	
14-Oct-21	1.336719012	103.79812	FW2_07	1410-1415	*Orthetrum chrysis*	1	Seen	Targeted	
28-Oct-21	1.338915993	103.797408		2111	*Barbodes rhombeus*	3	Seen	Incidental	
28-Oct-21	1.338686999	103.797488		2116	*Clarias cf. batrachus*	1	Seen	Incidental	
28-Oct-21	1.339139035	103.798917	FW2_01	2005-2010	*Limnonectes blythii*	1	Seen	Targeted	
28-Oct-21	1.339670029	103.797321	FW2_03	2035-2040	*Brachydanio albolineata*	TMTC	Seen	Targeted	
28-Oct-21	1.339670029	103.797321	FW2_03	2035-2040	*Limnonectes blythii*	2	Seen	Targeted	
28-Oct-21	1.338920016	103.797443	FW2_04	2058-2103	*Brachydanio albolineata*	20	Seen	Targeted	
28-Oct-21	1.338920016	103.797443	FW2_04	2058-2103	*Poecilia reticulata*	10	Seen	Targeted	
28-Oct-21	1.338920016	103.797443	FW2_04	2058-2103	*Barbodes rhombeus*	2	Seen	Targeted	
28-Oct-21	1.338920016	103.797443	FW2_04	2058-2103	*Limnonectes blythii*	1	Seen	Targeted	
28-Oct-21	1.338321967	103.797546	FW2_05	2120-2125	*Clarias cf. batrachus*	1	Seen	Targeted	
28-Oct-21	1.338321967	103.797546	FW2_05	2120-2125	*Barbodes rhombeus*	3	Seen	Targeted	
28-Oct-21	1.338321967	103.797546	FW2_05	2120-2125	*Polypedates leucomystax*	1	Heard	Targeted	
28-Oct-21	1.338321967	103.797546	FW2_05	2120-2125	*Microhyla heymonsi*	3	Heard	Targeted	
28-Oct-21	1.338321967	103.797546	FW2_05	2120-2125	*Brachydanio albolineata*	TMTC	Seen	Targeted	
28-Oct-21	1.338321967	103.797546	FW2_05	2120-2125	*Poecilia reticulata*	5	Seen	Targeted	
28-Oct-21	1.338321967	103.797546	FW2_05	2120-2125	*Limnonectes blythii*	2	Seen	Targeted	
28-Oct-21	1.337798014	103.797631	FW2_06	2140-2145	*Barbodes rhombeus*	3	Seen	Targeted	
28-Oct-21	1.337798014	103.797631	FW2_06	2140-2145	*Poecilia reticulata*	20	Seen	Targeted	
28-Oct-21	1.337798014	103.797631	FW2_06	2140-2145	*Brachydanio albolineata*	25	Seen	Targeted	
28-Oct-21	1.337798014	103.797631	FW2_06	2140-2145	*Limnonectes blythii*	1	Seen	Targeted	
28-Oct-21	1.337798014	103.797631	FW2_06	2140-2145	*Eleutherodactylus planirostris*	2	Heard	Targeted	
28-Oct-21	1.336719012	103.79812	FW2_07	2155-2200	*Poecilia reticulata*	15	Seen	Targeted	
28-Oct-21	1.336719012	103.79812	FW2_07	2155-2200	*Barbodes rhombeus*	3	Seen	Targeted	
28-Oct-21	1.336719012	103.79812	FW2_07	2155-2200	*Brachydanio albolineata*	TMTC	Seen	Targeted	
28-Oct-21	1.336719012	103.79812	FW2_07	2155-2200	*Limnonectes blythii*	1	Seen	Targeted	
29-Oct-21	1.336719012	103.79812	FW2_07	908	*Prodasineura humeralis*	5	Seen	Targeted	
29-Oct-21	1.336719012	103.79812	FW2_07	908	*Brachydanio albolineata*	17	Seen	Targeted	
29-Oct-21	1.336719012	103.79812	FW2_07	908	*Poecilia reticulata*	9	Seen	Targeted	
29-Oct-21	1.336719012	103.79812	FW2_07	908	*Tyriobapta torrida*	4	Seen	Targeted	
29-Oct-21	1.336719012	103.79812	FW2_07	908	*Barbodes rhombeus*	2	Seen	Targeted	
29-Oct-21	1.337798014	103.797631	FW2_06	915	*Barbodes rhombeus*	17	Seen	Targeted	
29-Oct-21	1.337798014	103.797631	FW2_06	915	*Poecilia reticulata*	4	Seen	Targeted	
29-Oct-21	1.338321967	103.797546	FW2_05	933	*Barbodes rhombeus*	23	Seen	Targeted	
29-Oct-21	1.338321967	103.797546	FW2_05	933	*Brachydanio albolineata*	5	Seen	Targeted	
29-Oct-21	1.338321967	103.797546	FW2_05	933	*Prodasineura humeralis*	2	Seen	Targeted	
29-Oct-21	1.338321967	103.797546	FW2_05	933	*Poecilia reticulata*	2	Seen	Targeted	
29-Oct-21	1.338321967	103.797546	FW2_05	933	*Poecilia reticulata*	1	Seen	Targeted	
29-Oct-21	1.338920016	103.797443	FW2_04	946	*Poecilia reticulata*	1	Seen	Targeted	
29-Oct-21	1.338920016	103.797443	FW2_04	946	*Poecilia reticulata*	8	Seen	Targeted	
29-Oct-21	1.338920016	103.797443	FW2_04	946	*Barbodes rhombeus*	5	Seen	Targeted	
29-Oct-21	1.338920016	103.797443	FW2_04	946	*Brachydanio albolineata*	8	Seen	Targeted	
29-Oct-21	1.339670029	103.797321	FW2_03	1003	*Unidentified Clariidae*	1	Seen	Targeted	
29-Oct-21	1.339670029	103.797321	FW2_03	1003	*Brachydanio albolineata*	5	Seen	Targeted	
29-Oct-21	1.339670029	103.797321	FW2_03	1003	*Barbodes rhombeus*	5	Seen	Targeted	
29-Oct-21	1.339178011	103.79863	FW2_02	1017	*Orthetrum chrysis*	1	Seen	Targeted	
7-Dec-21	1.34000002	103.797066		936	*Macaca fascicularis*	7	Seen	Incidental	

Date	Targeted taxon groups	Survey type	Direction	Time in (24h)	Time out (24h)	Weather
13-Sep-21	Birds, Herpetofauna, Non-volant mammals	Transect survey (AM)	Forward	712	927	Overcast, started drizzling-light rain
14-Sep-21	Butterflies, Odonates, Aculeate hymenopterans	Transect survey (AM)	Forward	907	1133	Cloudy
15-Sep-21	Birds, Herpetofauna, Non-volant mammals	Transect survey (PM)	Forward	1949	2220	Fair
25-Sep-21	Butterflies	Transect survey (AM)	Reverse	848	1032	Sunny, got cloudy towards end
7-Oct-21	Birds, Herpetofauna, Non-volant mammals	Transect survey (AM)	Reverse	652	915	Fair
8-Oct-21	Odonates, Aculeate hymenopterans	Transect survey (AM)	Reverse	911	1128	Sunny, got cloudy towards end
11-Oct-21	Birds, Herpetofauna, Non-volant mammals, Bats	Transect survey (PM)	Reverse			
13-Oct-21	Herpetofauna, Freshwater aquatic fauna	Aquatic point count (PM)	-	2008	2240	Fair
13-Oct-21	Bats	Transect survey (PM)	-	2008	2240	Fair
14-Oct-21	Odonates, Herpetofauna, Freshwater aquatic fauna	Aquatic point count (AM)	-	1250	1420	Fair
28-Oct-21	Herpetofauna, Freshwater aquatic fauna	Aquatic point count (PM)	-	1958	2209	Fair
29-Oct-21	Odonates, Herpetofauna, Freshwater aquatic fauna	Aquatic point count (AM)	-	908	1100	Fair
1-Nov-21	Bamboo bats	Roost emergence survey	-	1830	2100	Fair, after rain
3-Nov-21	Bamboo bats	Roost emergence survey	-	1830	2100	Fair, after rain

Appendix I3

Faunal Survey Data for Windsor

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
17-Jan-20	1.35718	103.81920	WS_T1_02	739	Acridotheres javanicus	1	Heard	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	754	Acridotheres javanicus	2	Seen	Targeted	NA
17-Jan-20	1.36000	103.82118	WS_T1_06	804	Acridotheres javanicus	1	Seen	Targeted	NA
17-Jan-20	1.36032	103.82385	WS_T1_10	830	Acridotheres javanicus	1	Heard	Targeted	NA
17-Jan-20	1.36072	103.82497	WS_T1_11	839	Acridotheres javanicus	2	Seen	Targeted	NA
17-Jan-20	1.36072	103.82567	WS_T1_12	844	Acridotheres javanicus	2	Seen	Targeted	NA
17-Jan-20	1.36012	103.82637	WS_T1_13	850	Acridotheres javanicus	2	Seen	Targeted	NA
17-Jan-20	1.36008	103.82680	WS_T1_14	854	Acridotheres javanicus	2	Seen	Targeted	NA
17-Jan-20	1.36124	103.82479	WS_T1_23	931	Acridotheres javanicus	2	Seen	Targeted	NA
17-Jan-20	1.36107	103.82107	WS_T1_27	950	Acridotheres javanicus	1	Heard	Targeted	NA
17-Jan-20	1.35807	103.81962	WS_T1_03	745	Aerodramus sp.	1	Seen	Targeted	NA
17-Jan-20	1.36057	103.82417	WS_T1_10	833	Aerodramus sp.	20	Seen	Targeted	NA
17-Jan-20	1.36072	103.82567	WS_T1_12	844	Aerodramus sp.	30	Seen	Targeted	NA
17-Jan-20	1.36124	103.82479	WS_T1_23	932	Aerodramus sp.	50	Seen	Targeted	NA
17-Jan-20	1.36045	103.82406	WS_T1_10	832	Aethopyga siparaja	1	Heard	Targeted	NA
17-Jan-20	1.36072	103.82567	WS_T1_12	844	Aethopyga siparaja	1	Heard	Targeted	NA
17-Jan-20	1.36211	103.82557	WS_T1_21	918	Aethopyga siparaja	1	Heard	Targeted	NA
17-Jan-20	1.35851	103.81981	WS_T1_03	747	Anthreptes malacensis	1	Heard	Targeted	NA
17-Jan-20	1.36000	103.82661	WS_T1_14	853	Anthreptes malacensis	1	Heard	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	756	Aplonis panayensis	6	Seen	Targeted	NA
17-Jan-20	1.36067	103.82486	WS_T1_11	838	Aplonis panayensis	1	Heard	Targeted	NA
17-Jan-20	1.36076	103.82509	WS_T1_11	840	Aplonis panayensis	2	Seen	Targeted	NA
17-Jan-20	1.36015	103.82634	WS_T1_13	847	Aplonis panayensis	10	Seen	Targeted	NA
17-Jan-20	1.36094	103.82707	WS_T1_15	859	Aplonis panayensis	4	Seen	Targeted	NA
17-Jan-20	1.36189	103.82659	WS_T1_19	905	Aplonis panayensis	2	Heard	Targeted	NA
17-Jan-20	1.36063	103.82291	WS_T1_08	820	Arachnothera longirostra	1	Heard	Targeted	NA
17-Jan-20	1.36012	103.82637	WS_T1_13	850	Arachnothera longirostra	1	Heard	Targeted	NA
17-Jan-20	1.35722	103.81926	WS_T1_02	739	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.35740	103.81939	WS_T1_02	741	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.35820	103.81967	WS_T1_03	746	Callosciurus notatus	3	Seen	Targeted	NA
17-Jan-20	1.35882	103.82008	WS_T1_04	749	Callosciurus notatus	1	Seen	Targeted	Collecting nesting material
17-Jan-20	1.35900	103.82032	WS_T1_04	751	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	754	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.35941	103.82070	WS_T1_05	758	Callosciurus notatus	1	Seen	Targeted	Feeding on fruits
17-Jan-20	1.36000	103.82118	WS_T1_06	804	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.36063	103.82291	WS_T1_08	820	Callosciurus notatus	1	Heard	Targeted	NA
17-Jan-20	1.36068	103.82326	WS_T1_09	822	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.36045	103.82406	WS_T1_10	832	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.36076	103.82509	WS_T1_11	840	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.36072	103.82567	WS_T1_12	844	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.36015	103.82634	WS_T1_13	847	Callosciurus notatus	1	Seen	Targeted	Collecting nesting material
17-Jan-20	1.36015	103.82634	WS_T1_13	847	Callosciurus notatus	1	Seen	Targeted	Feeding on Costus
17-Jan-20	1.36015	103.82634	WS_T1_13	847	Callosciurus notatus	2	Seen	Targeted	NA
17-Jan-20	1.36089	103.82383	WS_T1_24	934	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.36118	103.82250	WS_T1_25	940	Callosciurus notatus	1	Seen	Targeted	NA
17-Jan-20	1.36045	103.82406	WS_T1_10	832	Chalcophaps indica	1	Heard	Targeted	NA
17-Jan-20	1.36209	103.82638	WS_T1_20	908	Chalcophaps indica	1	Heard	Targeted	NA
17-Jan-20	1.35941	103.82070	WS_T1_05	758	Chrysophlegma miniaceum	1	Heard	Targeted	NA
17-Jan-20	1.36076	103.82280	WS_T1_08	818	Chrysophlegma miniaceum	1	Heard	Targeted	NA
17-Jan-20	1.36081	103.82707	WS_T1_15	858	Cinnyris jugularis	1	Seen	Targeted	NA
17-Jan-20	1.36124	103.82479	WS_T1_23	931	Cinnyris jugularis	1	Heard	Targeted	NA
17-Jan-20	1.36012	103.82637	WS_T1_13	850	Dicaeum cruentatum	1	Seen	Targeted	NA
17-Jan-20	1.35696	103.81882	WS_T1_01	736	Dicaeum trigonostigma	1	Heard	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	754	Dicaeum trigonostigma	2	Heard	Targeted	NA
17-Jan-20	1.36076	103.82280	WS_T1_08	818	Dicaeum trigonostigma	1	Heard	Targeted	NA
17-Jan-20	1.36052	103.82598	WS_T1_12	845	Dicaeum trigonostigma	1	Heard	Targeted	NA
17-Jan-20	1.36226	103.82563	WS_T1_21	916	Dicaeum trigonostigma	1	Heard	Targeted	NA
17-Jan-20	1.36078	103.82255	WS_T1_08	817	Dicrurus paradiseus	1	Heard	Targeted	NA
17-Jan-20	1.35997	103.82645	WS_T1_13	851	Dicrurus paradiseus	1	Seen	Targeted	NA
17-Jan-20	1.35851	103.81981	WS_T1_03	748	Dinopium javanense	1	Heard	Targeted	NA
17-Jan-20	1.36055	103.82169	WS_T1_07	809	Dinopium javanense	1	Heard	Targeted	NA
17-Jan-20	1.35696	103.81882	WS_T1_01	736	Draco melanopogon	1	Seen	Targeted	NA
17-Jan-20	1.36112	103.82194	WS_T1_26	942	Draco sumatranus	1	Seen	Targeted	NA
17-Jan-20	1.35997	103.82645	WS_T1_13	851	Eudynamys scolopaceus	1	Heard	Targeted	NA
17-Jan-20	1.36000	103.82661	WS_T1_14	853	Eudynamys scolopaceus	1	Heard	Targeted	NA
17-Jan-20	1.36147	103.82701	WS_T1_19	901	Eudynamys scolopaceus	1	Heard	Targeted	NA
17-Jan-20	1.36100	103.82314	WS_T1_24	937	Eutropis multifasciata	1	Seen	Targeted	NA
17-Jan-20	1.36113	103.82181	WS_T1_26	943	Eutropis multifasciata	1	Seen	Targeted	NA
17-Jan-20	1.35766	103.81942	WS_T1_02	742	Gallus gallus	1	Heard	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	754	Gallus gallus	1	Seen	Targeted	NA
17-Jan-20	1.36063	103.82291	WS_T1_08	820	Gallus gallus	1	Heard	Targeted	NA
17-Jan-20	1.36039	103.82369	WS_T1_09	829	Gallus gallus	1	Heard	Targeted	NA
17-Jan-20	1.36072	103.82497	WS_T1_11	839	Gallus gallus	1	Heard	Targeted	NA
17-Jan-20	1.36077	103.82539	WS_T1_12	842	Gallus gallus	1	Seen	Targeted	NA
17-Jan-20	1.36072	103.82567	WS_T1_12	844	Gallus gallus	6	Seen	Targeted	NA
17-Jan-20	1.36136	103.82507	WS_T1_22	929	Gallus gallus	1	Heard	Targeted	NA
17-Jan-20	1.36119	103.82147	WS_T1_27	946	Gallus gallus	1	Heard	Targeted	NA
17-Jan-20	1.36012	103.82637	WS_T1_13	850	Gallus gallus (domestic)	1	Seen	Targeted	NA
17-Jan-20	1.35718	103.81920	WS_T1_02	739	Gracula religiosa	1	Heard	Targeted	NA
17-Jan-20	1.36118	103.82250	WS_T1_25	940	Gracula religiosa	1	Seen	Targeted	NA
17-Jan-20	1.35901	103.82026	WS_T1_04	752	Gynacantha sp.	1	Seen	Incidental	NA
17-Jan-20	1.35997	103.82111	WS_T1_06	803	Loriculus galgulus	1	Heard	Targeted	NA
17-Jan-20	1.36067	103.82486	WS_T1_11	838	Loriculus galgulus	1	Heard	Targeted	NA
17-Jan-20	1.36185	103.82668	WS_T1_19	905	Loriculus galgulus	1	Heard	Targeted	NA
17-Jan-20	1.36209	103.82536	WS_T1_21	921	Loriculus galgulus	1	Heard	Targeted	NA
17-Jan-20	1.36124	103.82479	WS_T1_23	931	Loriculus galgulus	1	Heard	Targeted	NA
17-Jan-20	1.36094	103.82340	WS_T1_24	936	Loriculus galgulus	1	Heard	Targeted	NA
17-Jan-20	1.35941	103.82070	WS_T1_05	758	Macaca fascicularis	2	Seen	Targeted	NA
17-Jan-20	1.36057	103.82473	WS_T1_11	837	Macaca fascicularis	2	Heard	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
17-Jan-20	1.36198	103.82532	WS_T1_21	922	Macaca fascicularis	8	Seen	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	756	Mixornis gularis	1	Heard	Targeted	NA
17-Jan-20	1.36078	103.82255	WS_T1_08	817	Mixornis gularis	1	Heard	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	753	Merops viridis	1	Seen	Targeted	NA
17-Jan-20	1.36000	103.82661	WS_T1_14	852	Muscicapa dauurica	1	Seen	Targeted	NA
17-Jan-20	1.36124	103.82479	WS_T1_23	931	Muscicapa dauurica	1	Seen	Targeted	NA
17-Jan-20	1.35851	103.81981	WS_T1_03	747	Oriolus chinensis	1	Heard	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	756	Oriolus chinensis	1	Heard	Targeted	NA
17-Jan-20	1.36017	103.82130	WS_T1_06	805	Oriolus chinensis	1	Heard	Targeted	NA
17-Jan-20	1.36072	103.82497	WS_T1_11	839	Oriolus chinensis	1	Heard	Targeted	NA
17-Jan-20	1.36015	103.82634	WS_T1_13	847	Oriolus chinensis	1	Seen	Targeted	NA
17-Jan-20	1.36030	103.82701	WS_T1_14	855	Oriolus chinensis	1	Heard	Targeted	NA
17-Jan-20	1.36168	103.82688	WS_T1_19	902	Oriolus chinensis	1	Seen	Targeted	NA
17-Jan-20	1.36107	103.82107	WS_T1_27	950	Oriolus chinensis	2	Heard	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	756	Orthotomus atrogularis	1	Heard	Targeted	NA
17-Jan-20	1.36068	103.82326	WS_T1_09	825	Orthotomus atrogularis	1	Heard	Targeted	NA
17-Jan-20	1.36189	103.82659	WS_T1_19	905	Orthotomus atrogularis	1	Heard	Targeted	NA
17-Jan-20	1.36209	103.82536	WS_T1_21	921	Orthotomus atrogularis	1	Heard	Targeted	NA
17-Jan-20	1.36023	103.82137	WS_T1_06	805	Orthotomus sericeus	1	Heard	Targeted	NA
17-Jan-20	1.36185	103.82668	WS_T1_19	905	Orthotomus sericeus	1	Heard	Targeted	NA
17-Jan-20	1.35718	103.81920	WS_T1_02	739	Orthotomus sutorius	1	Heard	Targeted	NA
17-Jan-20	1.36081	103.82707	WS_T1_15	858	Orthotomus sutorius	1	Heard	Targeted	NA
17-Jan-20	1.36068	103.82326	WS_T1_09	823	Phylloscopus borealis	1	Heard	Targeted	NA
17-Jan-20	1.36068	103.82326	WS_T1_09	825	Picus vittatus	1	Seen	Targeted	NA
17-Jan-20	1.35941	103.82070	WS_T1_05	800	Psittacula longicauda	1	Heard	Targeted	NA
17-Jan-20	1.35740	103.81939	WS_T1_02	741	Pycnonotus goiavier	1	Heard	Targeted	NA
17-Jan-20	1.35807	103.81962	WS_T1_03	745	Pycnonotus goiavier	2	Seen	Targeted	NA
17-Jan-20	1.36059	103.82465	WS_T1_11	836	Pycnonotus goiavier	1	Heard	Targeted	NA
17-Jan-20	1.36077	103.82555	WS_T1_12	843	Pycnonotus goiavier	1	Seen	Targeted	NA
17-Jan-20	1.36052	103.82598	WS_T1_12	845	Pycnonotus goiavier	1	Heard	Targeted	NA
17-Jan-20	1.36015	103.82634	WS_T1_13	847	Pycnonotus goiavier	5	Seen	Targeted	NA
17-Jan-20	1.36000	103.82661	WS_T1_14	853	Pycnonotus goiavier	1	Heard	Targeted	NA
17-Jan-20	1.36008	103.82680	WS_T1_14	854	Pycnonotus goiavier	1	Seen	Targeted	NA
17-Jan-20	1.36094	103.82707	WS_T1_15	859	Pycnonotus goiavier	2	Seen	Targeted	NA
17-Jan-20	1.36209	103.82536	WS_T1_21	921	Pycnonotus goiavier	1	Heard	Targeted	NA
17-Jan-20	1.35766	103.81942	WS_T1_02	742	Pycnonotus plumosus	1	Heard	Targeted	NA
17-Jan-20	1.35820	103.81967	WS_T1_03	746	Pycnonotus plumosus	2	Seen	Targeted	NA
17-Jan-20	1.36055	103.82169	WS_T1_07	809	Pycnonotus plumosus	1	Heard	Targeted	NA
17-Jan-20	1.36041	103.82349	WS_T1_09	827	Pycnonotus plumosus	2	Seen	Targeted	NA
17-Jan-20	1.36032	103.82385	WS_T1_10	830	Pycnonotus plumosus	2	Heard	Targeted	NA
17-Jan-20	1.36147	103.82701	WS_T1_19	901	Pycnonotus plumosus	1	Heard	Targeted	NA
17-Jan-20	1.36126	103.82120	WS_T1_27	948	Scat_Sus scrofa	1	Seen	Targeted	Scat
17-Jan-20	1.36030	103.82701	WS_T1_14	855	Spilopelia chinensis	1	Seen	Targeted	NA
17-Jan-20	1.35696	103.81882	WS_T1_01	737	Sundasciurus tenuis	1	Heard	Targeted	NA
17-Jan-20	1.35766	103.81942	WS_T1_02	742	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.35807	103.81962	WS_T1_03	745	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.35851	103.81981	WS_T1_03	748	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	754	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.35941	103.82070	WS_T1_05	758	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.35957	103.82081	WS_T1_05	801	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.35977	103.82097	WS_T1_05	802	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.36074	103.82194	WS_T1_07	812	Sundasciurus tenuis	5	Seen	Targeted	NA
17-Jan-20	1.36039	103.82369	WS_T1_09	829	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.36154	103.82531	WS_T1_22	928	Sundasciurus tenuis	1	Seen	Targeted	NA
17-Jan-20	1.36063	103.82291	WS_T1_08	820	Sus scrofa	1	Seen	Targeted	NA
17-Jan-20	1.36000	103.82661	WS_T1_14	852	Trachemys scripta	1	Seen	Targeted	NA
17-Jan-20	1.35908	103.82033	WS_T1_04	754	Tupaia glis	2	Seen	Targeted	NA
17-Jan-20	1.36125	103.82219	WS_T1_26	941	Varanus nebulosus	1	Seen	Targeted	NA
17-Jan-20	1.36041	103.82349	WS_T1_09	827	Zosterops simplex	2	Heard	Targeted	NA
17-Jan-20	1.36057	103.82417	WS_T1_10	833	Zosterops simplex	1	Seen	Targeted	NA
1-Feb-20	1.36083	103.82694	WS_T1_15	1008	Appias libythea olferna	1	Seen	Targeted	NA
1-Feb-20	1.36170	103.82682	WS_T1_19	1018	Caltoris bromus bromus	1	Seen	Targeted	NA
1-Feb-20	1.36068	103.82571	WS_T1_12	946	Catopsilia pyranthe pyranthe	1	Seen	Targeted	NA
1-Feb-20	1.36100	103.82683	WS_T1_15	1010	Catopsilia pyranthe pyranthe	1	Seen	Targeted	NA
1-Feb-20	1.36115	103.82187	WS_T1_26	1107	Chilades pandava pandava	1	Seen	Targeted	NA
1-Feb-20	1.36001	103.82639	WS_T1_13	956	Delias hyparete metarete	1	Seen	Targeted	NA
1-Feb-20	1.36134	103.82691	WS_T1_15	1017	Delias hyparete metarete	1	Seen	Targeted	NA
1-Feb-20	1.36115	103.82187	WS_T1_26	1107	Delias hyparete metarete	1	Seen	Targeted	NA
1-Feb-20	1.36001	103.82639	WS_T1_13	955	Elymnias hypermnestra agina	1	Seen	Targeted	NA
1-Feb-20	1.35976	103.82659	WS_T1_13	957	Elymnias hypermnestra agina	1	Seen	Targeted	NA
1-Feb-20	1.36134	103.82691	WS_T1_15	1017	Elymnias hypermnestra agina	1	Seen	Targeted	NA
1-Feb-20	1.36195	103.82515	WS_T1_21	1038	Elymnias hypermnestra agina	1	Seen	Targeted	NA
1-Feb-20	1.36122	103.82200	WS_T1_26	1102	Elymnias hypermnestra agina	2	Seen	Targeted	NA
1-Feb-20	1.36162	103.82523	WS_T1_22	1041	Erionota hiraca apicalis	1	Seen	Targeted	NA
1-Feb-20	1.36128	103.82465	WS_T1_23	1046	Eurema sp.	1	Seen	Targeted	NA
1-Feb-20	1.36130	103.82239	WS_T1_25	1059	Eurema sp.	1	Seen	Targeted	NA
1-Feb-20	1.36009	103.82338	WS_T1_09	928	Faunis canens arcesilas	1	Seen	Targeted	NA
1-Feb-20	1.35966	103.82675	WS_T1_14	958	Graphium agamemnon agamemnon	1	Seen	Targeted	NA
1-Feb-20	1.36022	103.82620	WS_T1_13	945	Graphium sarpedon luctatius	1	Seen	Targeted	NA
1-Feb-20	1.36100	103.82683	WS_T1_15	1012	Graphium sarpedon luctatius	1	Seen	Targeted	NA
1-Feb-20	1.36134	103.82691	WS_T1_15	1017	Graphium sarpedon luctatius	1	Seen	Targeted	NA
1-Feb-20	1.36170	103.82682	WS_T1_19	1018	Graphium sarpedon luctatius	1	Seen	Targeted	NA
1-Feb-20	1.36016	103.82628	WS_T1_13	949	Iambrix salsala salsala	1	Seen	Targeted	NA
1-Feb-20	1.36204	103.82528	WS_T1_21	1034	Iambrix salsala salsala	2	Seen	Targeted	NA
1-Feb-20	1.36075	103.82708	WS_T1_15	1007	Junonia almana javana	1	Seen	Targeted	NA
1-Feb-20	1.36136	103.82511	WS_T1_22	1043	Junonia almana javana	3	Seen	Targeted	NA
1-Feb-20	1.36122	103.82200	WS_T1_26	1102	Junonia almana javana	1	Seen	Targeted	NA
1-Feb-20	1.35999	103.82361	WS_T1_09	930	Junonia hedonia ida	1	Seen	Targeted	NA
1-Feb-20	1.36052	103.82421	WS_T1_10	936	Junonia hedonia ida	2	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
1-Feb-20	1.36016	103.82628	WS_T1_13	949	Junonia hedonia ida	2	Seen	Targeted	NA
1-Feb-20	1.36001	103.82639	WS_T1_13	953	Junonia hedonia ida	2	Seen	Targeted	NA
1-Feb-20	1.36018	103.82735	WS_T1_14	1003	Junonia hedonia ida	2	Seen	Targeted	NA
1-Feb-20	1.36134	103.82691	WS_T1_15	1015	Junonia hedonia ida	2	Seen	Targeted	NA
1-Feb-20	1.36128	103.82465	WS_T1_23	1046	Junonia hedonia ida	2	Seen	Targeted	NA
1-Feb-20	1.36128	103.82465	WS_T1_23	1049	Junonia hedonia ida	1	Seen	Targeted	NA
1-Feb-20	1.36091	103.82356	WS_T1_24	1051	Junonia hedonia ida	2	Seen	Targeted	NA
1-Feb-20	1.36112	103.82327	WS_T1_24	1052	Junonia hedonia ida	3	Seen	Targeted	NA
1-Feb-20	1.36119	103.82246	WS_T1_25	1058	Junonia hedonia ida	1	Seen	Targeted	NA
1-Feb-20	1.36130	103.82239	WS_T1_25	1100	Junonia hedonia ida	1	Seen	Targeted	NA
1-Feb-20	1.36166	103.82693	WS_T1_19	1017	Mycalesis mineus macromalayana	1	Seen	Targeted	NA
1-Feb-20	1.36195	103.82515	WS_T1_21	1038	Mycalesis perseus cepheus	1	Seen	Targeted	NA
1-Feb-20	1.36009	103.82338	WS_T1_09	926	Mycalesis visala phamis	8	Seen	Targeted	NA
1-Feb-20	1.36222	103.82564	WS_T1_21	1029	Oriens gola pseudolus	1	Seen	Targeted	NA
1-Feb-20	1.36112	103.82327	WS_T1_24	1053	Oriens gola pseudolus	1	Seen	Targeted	NA
1-Feb-20	1.36119	103.82246	WS_T1_25	1058	Orsotriaena medus cinerea	1	Seen	Targeted	NA
1-Feb-20	1.36128	103.82465	WS_T1_23	1049	Papilio polytes romulus	1	Seen	Targeted	NA
1-Feb-20	1.36130	103.82239	WS_T1_25	1059	Papilio polytes romulus	1	Seen	Targeted	NA
1-Feb-20	1.36018	103.82735	WS_T1_14	1005	Phaedyma columella singa	1	Seen	Targeted	NA
1-Feb-20	1.36001	103.82639	WS_T1_13	953	Potanthus trachala tytleri	1	Seen	Targeted	NA
1-Feb-20	1.36022	103.82620	WS_T1_13	946	Prosotas dubiosa lumpura	1	Seen	Targeted	NA
1-Feb-20	1.36128	103.82465	WS_T1_23	1049	Troides helena cerberus	1	Seen	Targeted	NA
1-Feb-20	1.36001	103.82639	WS_T1_13	955	Vindula dejone erotella	1	Seen	Targeted	NA
1-Feb-20	1.35990	103.82376	WS_T1_09	933	Ypthima horsfieldii humei	1	Seen	Targeted	NA
1-Feb-20	1.36254	103.82603	WS_T1_20	1027	Ypthima horsfieldii humei	1	Seen	Targeted	NA
1-Feb-20	1.36216	103.82533	WS_T1_21	1033	Ypthima horsfieldii humei	1	Seen	Targeted	NA
1-Feb-20	1.36131	103.82210	WS_T1_26	1101	Ypthima horsfieldii humei	1	Seen	Targeted	NA
5-Feb-20	1.36043	103.82403	WS_T1_10	1340	Agrionoptera insignis	2	Seen	Targeted	NA
5-Feb-20	1.36206	103.82531	WS_T1_21	1440	Agrionoptera insignis	1	Seen	Targeted	NA
5-Feb-20	1.36162	103.82522	WS_T1_22	1446	Agrionoptera insignis	1	Seen	Targeted	NA
5-Feb-20	1.36155	103.82534	WS_T1_22	1447	Agrionoptera insignis	1	Seen	Targeted	NA
5-Feb-20	1.36101	103.82328	WS_T1_24	1505	Agrionoptera insignis	1	Seen	Targeted	NA
5-Feb-20	1.36048	103.82415	WS_T1_10	1344	Archibasis viola	1	Seen	Targeted	NA
5-Feb-20	1.36066	103.82482	WS_T1_11	1347	Archibasis viola	1	Seen	Targeted	NA
5-Feb-20	1.36071	103.82506	WS_T1_11	1349	Archibasis viola	1	Seen	Targeted	NA
5-Feb-20	1.36187	103.82665	WS_T1_19	1422	Arhopala abseus abseus	1	Seen	Incidental	NA
5-Feb-20	1.36048	103.82415	WS_T1_10	1344	Brachydiplax chalybea	1	Seen	Targeted	NA
5-Feb-20	1.36140	103.82519	WS_T1_22	1449	Brachydiplax chalybea	2	Seen	Targeted	NA
5-Feb-20	1.36076	103.82529	WS_T1_12	1352	Collocalia affinis	50	Seen	Incidental	NA
5-Feb-20	1.36215	103.82535	WS_T1_21	1439	Cratilla metallica	1	Seen	Targeted	NA
5-Feb-20	1.35997	103.82660	WS_T1_13	1404	Crocothemis servilia	1	Seen	Targeted	NA
5-Feb-20	1.36121	103.82112	WS_T1_27	1517	Galeopterus variegatus	1	Seen	Incidental	NA
5-Feb-20	1.36243	103.82604	WS_T1_20	1439	Gynacantha dohrni	1	Seen	Targeted	NA
5-Feb-20	1.36226	103.82630	WS_T1_20	1428	Gynacantha sp.	1	Seen	Targeted	NA
5-Feb-20	1.36007	103.82643	WS_T1_13	1401	Ictinogomphus decoratus	1	Seen	Targeted	NA
5-Feb-20	1.35997	103.82660	WS_T1_13	1404	Ictinogomphus decoratus	1	Seen	Targeted	NA
5-Feb-20	1.36113	103.82446	WS_T1_23	1451	Lathrecista asiatica	1	Seen	Targeted	NA
5-Feb-20	1.36072	103.82262	WS_T1_08	1334	Neurothemis fluctuans	1	Seen	Targeted	NA
5-Feb-20	1.36043	103.82403	WS_T1_10	1340	Neurothemis fluctuans	1	Seen	Targeted	NA
5-Feb-20	1.36048	103.82415	WS_T1_10	1344	Neurothemis fluctuans	5	Seen	Targeted	NA
5-Feb-20	1.36079	103.82552	WS_T1_12	1354	Neurothemis fluctuans	3	Seen	Targeted	NA
5-Feb-20	1.36070	103.82568	WS_T1_12	1356	Neurothemis fluctuans	1	Seen	Targeted	NA
5-Feb-20	1.36025	103.82625	WS_T1_13	1359	Neurothemis fluctuans	1	Seen	Targeted	NA
5-Feb-20	1.35997	103.82660	WS_T1_13	1404	Neurothemis fluctuans	2	Seen	Targeted	NA
5-Feb-20	1.36206	103.82531	WS_T1_21	1440	Neurothemis fluctuans	2	Seen	Targeted	NA
5-Feb-20	1.36140	103.82519	WS_T1_22	1449	Neurothemis fluctuans	4	Seen	Targeted	NA
5-Feb-20	1.36101	103.82328	WS_T1_24	1505	Neurothemis fluctuans	1	Seen	Targeted	NA
5-Feb-20	1.36112	103.82178	WS_T1_26	1513	Neurothemis fluctuans	1	Seen	Targeted	NA
5-Feb-20	1.36099	103.82427	WS_T1_23	1502	Onychargia atrocyana	1	Seen	Targeted	NA
5-Feb-20	1.36071	103.82197	WS_T1_07	1328	Orthetrum chrysis	1	Seen	Targeted	NA
5-Feb-20	1.36084	103.82236	WS_T1_25	1331	Orthetrum chrysis	2	Seen	Targeted	NA
5-Feb-20	1.36072	103.82262	WS_T1_08	1334	Orthetrum chrysis	1	Seen	Targeted	NA
5-Feb-20	1.36043	103.82403	WS_T1_10	1340	Orthetrum chrysis	1	Seen	Targeted	NA
5-Feb-20	1.36049	103.82416	WS_T1_10	1341	Orthetrum chrysis	1	Seen	Targeted	NA
5-Feb-20	1.36048	103.82415	WS_T1_10	1344	Orthetrum chrysis	2	Seen	Targeted	NA
5-Feb-20	1.36066	103.82499	WS_T1_11	1347	Orthetrum chrysis	1	Seen	Targeted	NA
5-Feb-20	1.36076	103.82529	WS_T1_12	1352	Orthetrum chrysis	2	Seen	Targeted	NA
5-Feb-20	1.36079	103.82552	WS_T1_12	1354	Orthetrum chrysis	3	Seen	Targeted	NA
5-Feb-20	1.36067	103.82572	WS_T1_12	1357	Orthetrum chrysis	1	Seen	Targeted	NA
5-Feb-20	1.36121	103.82202	WS_T1_26	1511	Orthetrum glaucum	1	Seen	Targeted	NA
5-Feb-20	1.35997	103.82660	WS_T1_13	1404	Orthetrum sabina	2	Seen	Targeted	NA
5-Feb-20	1.36067	103.82572	WS_T1_12	1357	Orthetrum testaceum	1	Seen	Targeted	NA
5-Feb-20	1.35997	103.82660	WS_T1_13	1404	Orthetrum testaceum	1	Seen	Targeted	NA
5-Feb-20	1.36072	103.82262	WS_T1_08	1334	Prodasineura humeralis	1	Seen	Targeted	NA
5-Feb-20	1.36048	103.82415	WS_T1_10	1344	Prodasineura humeralis	2	Seen	Targeted	NA
5-Feb-20	1.36079	103.82552	WS_T1_12	1354	Prodasineura humeralis	2	Seen	Targeted	NA
5-Feb-20	1.36072	103.82560	WS_T1_12	1355	Prodasineura humeralis	2	Seen	Targeted	Mating
5-Feb-20	1.36070	103.82568	WS_T1_12	1355	Prodasineura humeralis	1	Seen	Targeted	NA
5-Feb-20	1.36067	103.82572	WS_T1_12	1357	Pseudagrion microcephalum	2	Seen	Targeted	NA
5-Feb-20	1.35997	103.82660	WS_T1_13	1404	Pseudagrion microcephalum	1	Seen	Targeted	NA
5-Feb-20	1.35886	103.82012	WS_T1_04	1317	Pyroneura latoia latoia	1	Seen	Incidental	Feeding on Leea indica
5-Feb-20	1.36198	103.82657	WS_T1_19	1425	Pyroneura latoia latoia	1	Seen	Incidental	NA
5-Feb-20	1.36117	103.82199	WS_T1_26	1512	Rhyothemis phyllis	1	Seen	Targeted	NA
5-Feb-20	1.36154	103.82690	WS_T1_19	1419	Tholymis tillarga	1	Seen	Targeted	NA
5-Feb-20	1.36196	103.82527	WS_T1_21	1441	Tholymis tillarga	1	Seen	Targeted	NA
5-Feb-20	1.36133	103.82221	WS_T1_26	1509	Tholymis tillarga	1	Seen	Targeted	NA
5-Feb-20	1.36007	103.82643	WS_T1_13	1401	Trithemis aurora	3	Seen	Targeted	NA
5-Feb-20	1.35997	103.82660	WS_T1_13	1404	Trithemis aurora	5	Seen	Targeted	NA
5-Feb-20	1.35997	103.82669	WS_T1_14	1408	Trithemis aurora	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
5-Feb-20	1.36117	103.82199	WS_T1_26	1512	Trithemis aurora	1	Seen	Targeted	NA
5-Feb-20	1.36084	103.82236	WS_T1_25	1331	Tyriobapta torrida	1	Seen	Targeted	NA
5-Feb-20	1.36055	103.82458	WS_T1_11	1345	Tyriobapta torrida	3	Seen	Targeted	NA
5-Feb-20	1.36048	103.82415	WS_T1_10	1344	Unidentified_Zygoptera	1	Seen	Targeted	Tang unsure of damselfly
5-Feb-20	1.35855	103.81981	WS_T1_03	1312	Ropalidia sumatrae	1	Seen	Targeted	NA
5-Feb-20	1.35878	103.81995	WS_T1_04	1314	Phimenes flavopictus	1	Seen	Targeted	NA
5-Feb-20	1.35886	103.82012	WS_T1_04	1317	Ceratina nigrolateralis	2	Seen	Targeted	Feeding on Leea indica
5-Feb-20	1.35886	103.82012	WS_T1_04	1317	Nomia sp.	1	Seen	Targeted	NA
5-Feb-20	1.35886	103.82012	WS_T1_04	1317	Nomia strigata	1	Seen	Targeted	NA
5-Feb-20	1.36057	103.82166	WS_T1_07	1326	Ropalidia sumatrae	1	Seen	Targeted	NA
5-Feb-20	1.36084	103.82236	WS_T1_25	1332	Apis cerana	1	Seen	Targeted	NA
5-Feb-20	1.36048	103.82415	WS_T1_10	1344	Ropalidia sumatrae	1	Seen	Targeted	NA
5-Feb-20	1.36071	103.82506	WS_T1_11	1349	Parischnogaster mellyi	2	Seen	Targeted	On nest
5-Feb-20	1.36076	103.82529	WS_T1_12	1351	Stenodyneriellus guttulatus	1	Seen	Targeted	NA
5-Feb-20	1.36070	103.82568	WS_T1_12	1355	Ropalidia sumatrae	1	Seen	Targeted	NA
5-Feb-20	1.35994	103.82645	WS_T1_13	1402	Xylocopa latipes	1	Seen	Targeted	Feeding on Costus
5-Feb-20	1.36015	103.82686	WS_T1_14	1412	Ceratina sp.	3	Seen	Targeted	NA
5-Feb-20	1.36015	103.82686	WS_T1_14	1412	Nomia sp.	2	Seen	Targeted	NA
5-Feb-20	1.36015	103.82686	WS_T1_14	1412	Rhynchium haemorrhoidiale	1	Seen	Targeted	NA
5-Feb-20	1.36015	103.82686	WS_T1_14	1413	Sphex sericeus	2	Seen	Targeted	Feeding on Leea rubra
5-Feb-20	1.36028	103.82705	WS_T1_14	1414	Apis cerana	2	Seen	Targeted	Feeding on Leea rubra
5-Feb-20	1.36028	103.82705	WS_T1_14	1414	Sphex sericeus	2	Seen	Targeted	Feeding on Leea rubra
5-Feb-20	1.36198	103.82657	WS_T1_19	1425	Ropalidia stigma	1	Seen	Targeted	NA
5-Feb-20	1.36243	103.82604	WS_T1_20	1432	Parischnogaster mellyi	1	Seen	Targeted	Abandoned nest
5-Feb-20	1.36199	103.82527	WS_T1_21	1442	Tachytes sp.	1	Seen	Targeted	Wasp. Collected
5-Feb-20	1.36191	103.82513	WS_T1_21	1443	Sphex subtruncatus	1	Seen	Targeted	Attempting to dig burrow
5-Feb-20	1.36114	103.82449	WS_T1_23	1453	Antepipona sp. nr. bipustulata	4	Seen	Targeted	Feeding on Leea indica
5-Feb-20	1.36114	103.82449	WS_T1_23	1453	Ceratina collusor	9	Seen	Targeted	Feeding on Leea indica.
5-Feb-20	1.36114	103.82449	WS_T1_23	1453	Ceratina nigrolateralis	1	Seen	Targeted	NA
5-Feb-20	1.36114	103.82449	WS_T1_23	1455	Isodontia diodon	1	Seen	Targeted	Wasp. Feeding on Leea
5-Feb-20	1.36114	103.82449	WS_T1_23	1457	Ropalidia sumatrae	1	Seen	Targeted	Feeding on Leea indica
5-Feb-20	1.36109	103.82432	WS_T1_23	1500	Rhynchium haemorrhoidiale	1	Seen	Targeted	Feeding on Mikania
5-Feb-20	1.36102	103.82281	WS_T1_25	1507	Antepipona sp. nr. bipustulata	1	Seen	Targeted	NA
5-Feb-20	1.36117	103.82199	WS_T1_26	1512	Liris subtessellatus	1	Seen	Targeted	NA
24-Feb-20	1.36111	103.82217	WS_T1_26	729	Acridotheres javanicus	1	Seen	Targeted	NA
24-Feb-20	1.36114	103.82108	WS_T1_27	735	Acridotheres javanicus	1	Heard	Targeted	NA
24-Feb-20	1.36106	103.82211	WS_T1_26	738	Acridotheres javanicus	3	Seen	Targeted	NA
24-Feb-20	1.36099	103.82287	WS_T1_25	740	Acridotheres javanicus	3	Seen	Targeted	NA
24-Feb-20	1.36090	103.82348	WS_T1_24	746	Acridotheres javanicus	2	Seen	Targeted	NA
24-Feb-20	1.36124	103.82477	WS_T1_23	750	Acridotheres javanicus	5	Seen	Targeted	NA
24-Feb-20	1.36168	103.82687	WS_T1_19	817	Acridotheres javanicus	1	Heard	Targeted	NA
24-Feb-20	1.36129	103.82701	WS_T1_15	820	Acridotheres javanicus	4	Seen	Targeted	NA
24-Feb-20	1.36017	103.82691	WS_T1_14	826	Acridotheres javanicus	4	Seen	Targeted	NA
24-Feb-20	1.36043	103.82601	WS_T1_13	831	Acridotheres javanicus	1	Seen	Targeted	Feeding on Ficus
24-Feb-20	1.36065	103.82511	WS_T1_11	842	Acridotheres javanicus	2	Seen	Targeted	NA
24-Feb-20	1.36040	103.82403	WS_T1_10	849	Acridotheres javanicus	2	Heard	Targeted	NA
24-Feb-20	1.36076	103.82242	WS_T1_25	904	Acridotheres javanicus	1	Seen	Targeted	NA
24-Feb-20	1.36018	103.82135	WS_T1_06	918	Acridotheres javanicus	2	Heard	Targeted	NA
24-Feb-20	1.35923	103.82056	WS_T1_05	926	Acridotheres javanicus	1	Heard	Targeted	NA
24-Feb-20	1.35787	103.81950	WS_T1_03	936	Acridotheres javanicus	1	Heard	Targeted	NA
24-Feb-20	1.36189	103.82557	WS_T1_21	800	Aegithina tiphia	1	Heard	Targeted	NA
24-Feb-20	1.36207	103.82645	WS_T1_20	811	Aegithina tiphia	1	Heard	Targeted	NA
24-Feb-20	1.36067	103.82565	WS_T1_12	837	Aegithina tiphia	1	Heard	Targeted	NA
24-Feb-20	1.36091	103.82321	WS_T1_24	743	Aerodramus sp.	1	Seen	Targeted	NA
24-Feb-20	1.36090	103.82400	WS_T1_23	747	Aerodramus sp.	2	Seen	Targeted	NA
24-Feb-20	1.36038	103.82718	WS_T1_14	822	Aerodramus sp.	3	Seen	Targeted	NA
24-Feb-20	1.36067	103.82565	WS_T1_12	837	Aerodramus sp.	20	Seen	Targeted	NA
24-Feb-20	1.36091	103.82310	WS_T1_08	742	Aethopyga siparaja	1	Heard	Targeted	NA
24-Feb-20	1.36237	103.82577	WS_T1_21	805	Aethopyga siparaja	1	Heard	Targeted	NA
24-Feb-20	1.36196	103.82659	WS_T1_19	814	Aethopyga siparaja	1	Heard	Targeted	NA
24-Feb-20	1.36051	103.82174	WS_T1_07	913	Aethopyga siparaja	1	Heard	Targeted	NA
24-Feb-20	1.35833	103.81974	WS_T1_03	934	Aethopyga siparaja	1	Heard	Targeted	NA
24-Feb-20	1.36076	103.82242	WS_T1_25	906	Agropsar sturninus	2	Seen	Targeted	NA
24-Feb-20	1.35997	103.82638	WS_T1_13	830	Amaurornis phoenicurus	1	Seen	Targeted	NA
24-Feb-20	1.36111	103.82196	WS_T1_26	729	Aplonis panayensis	1	seen	Targeted	NA
24-Feb-20	1.36106	103.82211	WS_T1_26	738	Aplonis panayensis	4	Seen	Targeted	NA
24-Feb-20	1.36104	103.82274	WS_T1_25	740	Aplonis panayensis	1	Seen	Targeted	NA
24-Feb-20	1.36105	103.82444	WS_T1_23	749	Aplonis panayensis	2	Seen	Targeted	NA
24-Feb-20	1.36124	103.82477	WS_T1_23	750	Aplonis panayensis	2	Seen	Targeted	NA
24-Feb-20	1.36158	103.82529	WS_T1_22	753	Aplonis panayensis	1	Heard	Targeted	NA
24-Feb-20	1.36207	103.82645	WS_T1_20	812	Aplonis panayensis	10	Heard	Targeted	NA
24-Feb-20	1.36088	103.82707	WS_T1_15	821	Aplonis panayensis	5	Seen	Targeted	NA
24-Feb-20	1.36043	103.82601	WS_T1_13	831	Aplonis panayensis	10	Seen	Targeted	Feeding on Ficus
24-Feb-20	1.36062	103.82576	WS_T1_12	834	Aplonis panayensis	30	Seen	Targeted	NA
24-Feb-20	1.36076	103.82242	WS_T1_25	904	Aplonis panayensis	20	Heard	Targeted	NA
24-Feb-20	1.35900	103.82035	WS_T1_04	928	Aplonis panayensis	2	Heard	Targeted	NA
24-Feb-20	1.35787	103.81950	WS_T1_03	936	Aplonis panayensis	1	Heard	Targeted	NA
24-Feb-20	1.35707	103.81895	WS_T1_01	944	Aplonis panayensis	1	Heard	Targeted	NA
24-Feb-20	1.36184	103.82666	WS_T1_19	815	Arachnothera longirostra	1	Heard	Targeted	NA
24-Feb-20	1.36048	103.82419	WS_T1_10	848	Arachnothera longirostra	1	Seen	Targeted	NA
24-Feb-20	1.35754	103.81943	WS_T1_02	940	Arachnothera longirostra	1	Seen	Targeted	NA
24-Feb-20	1.36090	103.82400	WS_T1_23	747	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.36158	103.82529	WS_T1_22	753	Callosciurus notatus	2	Seen	Targeted	NA
24-Feb-20	1.36176	103.82544	WS_T1_22	758	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.36203	103.82566	WS_T1_21	801	Callosciurus notatus	1	Heard	Targeted	NA
24-Feb-20	1.36235	103.82562	WS_T1_21	803	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.36207	103.82645	WS_T1_20	812	Callosciurus notatus	1	Seen	Targeted	Feeding on Elaeis
24-Feb-20	1.36043	103.82601	WS_T1_13	831	Callosciurus notatus	2	Seen	Targeted	Feeding on Ficus
24-Feb-20	1.36065	103.82511	WS_T1_11	842	Callosciurus notatus	2	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
24-Feb-20	1.36035	103.82364	WS_T1_09	853	Callosciurus notatus	3	Seen	Targeted	NA
24-Feb-20	1.36038	103.82338	WS_T1_09	855	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.36060	103.82299	WS_T1_08	859	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.36051	103.82174	WS_T1_07	911	Callosciurus notatus	3	Seen	Targeted	NA
24-Feb-20	1.36051	103.82174	WS_T1_07	914	Callosciurus notatus	1	Seen	Targeted	Feeding on Spathodea
24-Feb-20	1.35983	103.82100	WS_T1_05	920	Callosciurus notatus	2	Seen	Targeted	NA
24-Feb-20	1.35900	103.82035	WS_T1_04	928	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.35873	103.81994	WS_T1_04	931	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.35856	103.81986	WS_T1_03	932	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.35754	103.81943	WS_T1_02	940	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.35707	103.81895	WS_T1_01	944	Callosciurus notatus	1	Seen	Targeted	NA
24-Feb-20	1.36122	103.82126	WS_T1_27	733	Caprimulgus macrurus	1	Seen	Targeted	NA
24-Feb-20	1.36158	103.82529	WS_T1_22	753	Chloropsis sp.	1	Heard	Targeted	Leafbird sp
24-Feb-20	1.36062	103.82576	WS_T1_12	834	Chrysophlegma miniaceum	2	Seen	Targeted	Excavating nest hole
24-Feb-20	1.36088	103.82707	WS_T1_15	821	Cinnyris jugularis	1	Seen	Targeted	NA
24-Feb-20	1.36017	103.82691	WS_T1_14	826	Cinnyris jugularis	1	Heard	Targeted	NA
24-Feb-20	1.36001	103.82113	WS_T1_06	919	Corvus macrorhynchos	1	Heard	Targeted	NA
24-Feb-20	1.36029	103.82702	WS_T1_14	825	Danaus genutia genutia	1	Seen	Incidental	Feeding on Leea rubra
24-Feb-20	1.36158	103.82529	WS_T1_22	753	Dicaeum trigonostigma	1	Heard	Targeted	NA
24-Feb-20	1.36184	103.82666	WS_T1_19	815	Dicaeum trigonostigma	1	Heard	Targeted	NA
24-Feb-20	1.36065	103.82511	WS_T1_11	838	Dicaeum trigonostigma	2	Seen	Targeted	NA
24-Feb-20	1.36038	103.82338	WS_T1_09	854	Dicaeum trigonostigma	1	Heard	Targeted	NA
24-Feb-20	1.36017	103.82691	WS_T1_14	826	Dicrurus paradiseus	1	Heard	Targeted	NA
24-Feb-20	1.36057	103.82299	WS_T1_08	858	Dicrurus paradiseus	1	Seen	Targeted	NA
24-Feb-20	1.35900	103.82035	WS_T1_04	927	Dicrurus paradiseus	1	Seen	Targeted	NA
24-Feb-20	1.36090	103.82348	WS_T1_24	746	Dinopium javanense	1	Heard	Targeted	NA
24-Feb-20	1.36062	103.82281	WS_T1_08	902	Dinopium javanense	2	Heard	Targeted	NA
24-Feb-20	1.36051	103.82174	WS_T1_07	914	Dinopium javanense	1	Heard	Targeted	NA
24-Feb-20	1.35923	103.82056	WS_T1_05	926	Draco melanopogon	1	Seen	Targeted	NA
24-Feb-20	1.36235	103.82562	WS_T1_21	803	Eudynamys scolopaceus	1	Heard	Targeted	NA
24-Feb-20	1.36129	103.82701	WS_T1_15	820	Eudynamys scolopaceus	1	Seen	Targeted	NA
24-Feb-20	1.36043	103.82601	WS_T1_13	831	Eudynamys scolopaceus	1	Seen	Targeted	Feeding on Ficus
24-Feb-20	1.35976	103.82091	WS_T1_05	922	Eudynamys scolopaceus	1	Seen	Targeted	NA
24-Feb-20	1.36219	103.82634	WS_T1_20	810	Eutropis multifasciata	1	Seen	Targeted	NA
24-Feb-20	1.35997	103.82638	WS_T1_13	830	Eutropis multifasciata	1	Seen	Targeted	NA
24-Feb-20	1.36047	103.82436	WS_T1_10	847	Galeopterus variegatus	1	Seen	Targeted	2m away, 2m high. Grey
24-Feb-20	1.36107	103.82239	WS_T1_25	739	Gallus gallus	2	Heard	Targeted	NA
24-Feb-20	1.36090	103.82348	WS_T1_24	745	Gallus gallus	2	Seen	Targeted	NA
24-Feb-20	1.36124	103.82477	WS_T1_23	750	Gallus gallus	1	Heard	Targeted	NA
24-Feb-20	1.36189	103.82557	WS_T1_21	800	Gallus gallus	1	Heard	Targeted	NA
24-Feb-20	1.36038	103.82718	WS_T1_14	822	Gallus gallus	1	Heard	Targeted	NA
24-Feb-20	1.36065	103.82511	WS_T1_11	840	Gallus gallus	2	Heard	Targeted	NA
24-Feb-20	1.36035	103.82364	WS_T1_09	851	Gallus gallus	3	Seen	Targeted	NA
24-Feb-20	1.36051	103.82174	WS_T1_07	911	Gallus gallus	1	Seen	Targeted	NA
24-Feb-20	1.35977	103.82091	WS_T1_05	921	Gallus gallus	7	Seen	Targeted	NA
24-Feb-20	1.35923	103.82056	WS_T1_05	926	Gallus gallus	1	Heard	Targeted	NA
24-Feb-20	1.35900	103.82035	WS_T1_04	928	Gallus gallus	3	Seen	Targeted	NA
24-Feb-20	1.35877	103.82003	WS_T1_04	930	Gallus gallus	1	Heard	Targeted	NA
24-Feb-20	1.36111	103.82217	WS_T1_26	728	Gracula religiosa	1	Seen	Targeted	NA
24-Feb-20	1.35998	103.82667	WS_T1_14	828	Halcyon smyrnensis	1	Seen	Targeted	NA
24-Feb-20	1.36104	103.82274	WS_T1_25	740	Idionyx yolanda	1	Seen	Incidental	NA
24-Feb-20	1.36076	103.82242	WS_T1_25	906	Ixobrychus sinensis	1	Seen	Targeted	Juvenile
24-Feb-20	1.36065	103.82511	WS_T1_11	838	Loriculus galgulus	1	Seen	Targeted	NA
24-Feb-20	1.36076	103.82242	WS_T1_25	906	Loriculus galgulus	1	Heard	Targeted	NA
24-Feb-20	1.35733	103.81937	WS_T1_02	942	Loriculus galgulus	1	Heard	Targeted	NA
24-Feb-20	1.36091	103.82310	WS_T1_08	742	Macaca fascicularis	5	Seen	Targeted	NA
24-Feb-20	1.36038	103.82338	WS_T1_09	855	Macaca fascicularis	10	Seen	Targeted	Feeding on Areca
24-Feb-20	1.36038	103.82338	WS_T1_09	855	Macaca fascicularis	2	Seen	Targeted	Feeding on Nephelium
24-Feb-20	1.36057	103.82299	WS_T1_08	858	Macaca fascicularis	2	Seen	Targeted	NA
24-Feb-20	1.36062	103.82281	WS_T1_08	900	Macaca fascicularis	3	Seen	Targeted	NA
24-Feb-20	1.36076	103.82242	WS_T1_25	906	Macaca fascicularis	6	Seen	Targeted	NA
24-Feb-20	1.36103	103.82262	WS_T1_25	740	Mixornis gularis	1	Heard	Targeted	NA
24-Feb-20	1.35768	103.81944	WS_T1_02	938	Mixornis gularis	2	Seen	Targeted	NA
24-Feb-20	1.36092	103.82418	WS_T1_23	748	Merops sp.	1	Heard	Targeted	NA
24-Feb-20	1.35998	103.82667	WS_T1_14	827	Merops sp.	1	Heard	Targeted	NA
24-Feb-20	1.36048	103.82419	WS_T1_10	848	Merops sp.	1	Seen	Targeted	NA
24-Feb-20	1.36062	103.82281	WS_T1_08	901	Merops sp.	1	Heard	Targeted	NA
24-Feb-20	1.36075	103.82199	WS_T1_07	909	Merops sp.	2	Heard	Targeted	NA
24-Feb-20	1.36237	103.82577	WS_T1_21	805	Merops viridis	1	Seen	Targeted	NA
24-Feb-20	1.36065	103.82511	WS_T1_11	839	Merops viridis	1	Seen	Targeted	NA
24-Feb-20	1.36039	103.82141	WS_T1_06	916	Merops viridis	1	Seen	Targeted	NA
24-Feb-20	1.35976	103.82091	WS_T1_05	922	Merops viridis	1	Seen	Targeted	NA
24-Feb-20	1.35998	103.82667	WS_T1_14	828	Muscicapa dauurica	1	Heard	Targeted	NA
24-Feb-20	1.36090	103.82400	WS_T1_23	747	Oriolus chinensis	1	Heard	Targeted	NA
24-Feb-20	1.36176	103.82544	WS_T1_22	758	Oriolus chinensis	1	Heard	Targeted	NA
24-Feb-20	1.36249	103.82593	WS_T1_20	806	Oriolus chinensis	1	Heard	Targeted	NA
24-Feb-20	1.35998	103.82667	WS_T1_14	828	Oriolus chinensis	1	Seen	Targeted	NA
24-Feb-20	1.35900	103.82035	WS_T1_04	928	Oriolus chinensis	1	Heard	Targeted	NA
24-Feb-20	1.36122	103.82126	WS_T1_27	731	Orthotomus atrogularis	1	Heard	Targeted	NA
24-Feb-20	1.36091	103.82310	WS_T1_08	742	Orthotomus atrogularis	1	Heard	Targeted	NA
24-Feb-20	1.36158	103.82529	WS_T1_22	755	Orthotomus atrogularis	1	Heard	Targeted	NA
24-Feb-20	1.35998	103.82667	WS_T1_14	827	Orthotomus atrogularis	1	Heard	Targeted	NA
24-Feb-20	1.36043	103.82601	WS_T1_13	832	Orthotomus atrogularis	1	Heard	Targeted	NA
24-Feb-20	1.35873	103.81994	WS_T1_04	931	Orthotomus atrogularis	1	Heard	Targeted	NA
24-Feb-20	1.36184	103.82666	WS_T1_19	815	Orthotomus sericeus	1	Heard	Targeted	NA
24-Feb-20	1.36065	103.82511	WS_T1_11	842	Orthotomus sericeus	1	Seen	Targeted	NA
24-Feb-20	1.35900	103.82035	WS_T1_04	928	Orthotomus sericeus	1	Heard	Targeted	NA
24-Feb-20	1.36249	103.82593	WS_T1_20	806	Orthotomus sutorius	1	Heard	Targeted	NA
24-Feb-20	1.35998	103.82667	WS_T1_14	828	Orthotomus sutorius	1	Heard	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
24-Feb-20	1.36050	103.82450	WS_T1_10	845	Pelargopsis capensis	1	Heard	Targeted	NA
24-Feb-20	1.35997	103.82638	WS_T1_13	830	Phylloscopus borealis	1	Heard	Targeted	NA
24-Feb-20	1.36051	103.82174	WS_T1_07	913	Phylloscopus borealis	1	Seen	Targeted	NA
24-Feb-20	1.36203	103.82566	WS_T1_21	801	Phylloscopus borealoides	1	Heard	Targeted	NA
24-Feb-20	1.36065	103.82511	WS_T1_11	840	Psittacula krameri	1	Seen	Targeted	NA
24-Feb-20	1.36207	103.82645	WS_T1_20	812	Psittacula longicauda	1	Heard	Targeted	NA
24-Feb-20	1.36129	103.82701	WS_T1_15	820	Psittacula longicauda	1	Heard	Targeted	NA
24-Feb-20	1.36060	103.82491	WS_T1_11	843	Psittacula longicauda	1	Heard	Targeted	NA
24-Feb-20	1.36054	103.82316	WS_T1_09	857	Psittacula longicauda	1	Heard	Targeted	NA
24-Feb-20	1.36062	103.82281	WS_T1_08	902	Psittacula longicauda	1	Heard	Targeted	NA
24-Feb-20	1.36055	103.82186	WS_T1_07	910	Psittacula longicauda	1	Heard	Targeted	NA
24-Feb-20	1.35923	103.82056	WS_T1_05	926	Psittacula longicauda	1	Heard	Targeted	NA
24-Feb-20	1.35745	103.81940	WS_T1_02	941	Rubigula flaviventris	1	Heard	Targeted	NA
24-Feb-20	1.36129	103.82701	WS_T1_15	820	Pycnonotus goiavier	1	Seen	Targeted	NA
24-Feb-20	1.36038	103.82718	WS_T1_14	822	Pycnonotus goiavier	1	Seen	Targeted	NA
24-Feb-20	1.36017	103.82691	WS_T1_14	826	Pycnonotus goiavier	2	Seen	Targeted	NA
24-Feb-20	1.36067	103.82565	WS_T1_12	837	Pycnonotus goiavier	1	Seen	Targeted	NA
24-Feb-20	1.36114	103.82164	WS_T1_26	730	Pycnonotus plumosus	1	Heard	Targeted	NA
24-Feb-20	1.36090	103.82400	WS_T1_23	747	Pycnonotus plumosus	1	Heard	Targeted	NA
24-Feb-20	1.36105	103.82444	WS_T1_23	749	Pycnonotus plumosus	1	Heard	Targeted	NA
24-Feb-20	1.35997	103.82638	WS_T1_13	830	Pycnonotus plumosus	1	Heard	Targeted	NA
24-Feb-20	1.36040	103.82403	WS_T1_10	849	Pycnonotus plumosus	1	Heard	Targeted	NA
24-Feb-20	1.36075	103.82199	WS_T1_07	909	Pycnonotus plumosus	1	Heard	Targeted	NA
24-Feb-20	1.35877	103.82003	WS_T1_04	930	Pycnonotus plumosus	1	Heard	Targeted	NA
24-Feb-20	1.35768	103.81944	WS_T1_02	938	Pycnonotus plumosus	1	Seen	Targeted	NA
24-Feb-20	1.36088	103.82707	WS_T1_15	821	Spilopelia chinensis	1	Seen	Targeted	NA
24-Feb-20	1.35927	103.82054	WS_T1_05	925	Spilopelia chinensis	1	Heard	Targeted	NA
24-Feb-20	1.36091	103.82310	WS_T1_08	742	Sundasciurus tenuis	1	Seen	Targeted	NA
24-Feb-20	1.36090	103.82348	WS_T1_24	745	Sundasciurus tenuis	1	Seen	Targeted	NA
24-Feb-20	1.36090	103.82400	WS_T1_23	747	Sundasciurus tenuis	1	Seen	Targeted	NA
24-Feb-20	1.36048	103.82419	WS_T1_10	848	Sundasciurus tenuis	1	Seen	Targeted	NA
24-Feb-20	1.36051	103.82174	WS_T1_07	913	Sundasciurus tenuis	1	Seen	Targeted	NA
24-Feb-20	1.35983	103.82100	WS_T1_05	920	Sundasciurus tenuis	1	Seen	Targeted	NA
24-Feb-20	1.35976	103.82091	WS_T1_05	922	Sundasciurus tenuis	1	Seen	Targeted	NA
24-Feb-20	1.35900	103.82035	WS_T1_04	928	Sundasciurus tenuis	2	Seen	Targeted	NA
24-Feb-20	1.36163	103.82542	WS_T1_22	757	Sus scrofa	2	Seen	Targeted	NA
24-Feb-20	1.36071	103.82557	WS_T1_12	838	Sus scrofa	1	Seen	Targeted	NA
24-Feb-20	1.35873	103.81994	WS_T1_04	931	Sus scrofa	4	Seen	Targeted	NA
24-Feb-20	1.35998	103.82667	WS_T1_14	828	Trachemys scripta	3	Seen	Targeted	NA
24-Feb-20	1.36114	103.82108	WS_T1_27	735	Treron vernans	1	Heard	Targeted	NA
24-Feb-20	1.36103	103.82262	WS_T1_25	740	Treron vernans	1	Seen	Targeted	NA
24-Feb-20	1.36130	103.82500	WS_T1_22	751	Treron vernans	1	Seen	Targeted	NA
24-Feb-20	1.36065	103.82511	WS_T1_11	840	Treron vernans	2	Seen	Targeted	NA
24-Feb-20	1.36060	103.82299	WS_T1_08	859	Treron vernans	1	Heard	Targeted	NA
24-Feb-20	1.36111	103.82196	WS_T1_26	730	Trichoglossus haematodus	8	Seen	Targeted	NA
24-Feb-20	1.36158	103.82529	WS_T1_22	755	Trichoglossus haematodus	2	Heard	Targeted	NA
24-Feb-20	1.36163	103.82542	WS_T1_22	757	Trichoglossus haematodus	1	Heard	Targeted	NA
24-Feb-20	1.36229	103.82629	WS_T1_20	809	Trichoglossus haematodus	2	Heard	Targeted	NA
24-Feb-20	1.36065	103.82511	WS_T1_11	839	Trichoglossus haematodus	2	Heard	Targeted	NA
24-Feb-20	1.36062	103.82281	WS_T1_08	900	Trichoglossus haematodus	1	Heard	Targeted	NA
24-Feb-20	1.35976	103.82091	WS_T1_05	922	Tupaia gllis	1	Seen	Targeted	NA
1-Mar-20	1.35942	103.82359	NA	1109	Arhopala major major	1	Seen	Incidental	NA
1-Mar-20	1.35983	103.82670	WS_T1_14	808	Clarias cf. batrachus	1	Seen	Incidental	NA
1-Mar-20	1.35842	103.82334	NA	1059	Euthalia monina monina	1	Seen	Incidental	NA
1-Mar-20	1.35948	103.82363	NA	1059	Larvivora cyane	1	Seen	Incidental	NA
1-Mar-20	1.35858	103.82330	NA	1037	Zeuxidia amethystus amethystus	2	Seen	Incidental	NA
2-Mar-20	1.36142	103.82515	WS_T1_22	920	Agriocnemis femina	1	Seen	Targeted	NA
2-Mar-20	1.36105	103.82434	WS_T1_23	911	Agrionoptera insignis	1	Seen	Targeted	NA
2-Mar-20	1.36026	103.82296	WS_T1_09	1050	Agrionoptera insignis	1	Seen	Targeted	NA
2-Mar-20	1.36199	103.82661	WS_T1_19	950	Amathusia phidippus phidippus	1	Seen	Targeted	Feeding on fallen
2-Mar-20	1.36146	103.82531	WS_T1_22	923	Brachydiplax chalybea	1	Seen	Targeted	NA
2-Mar-20	1.36009	103.82683	WS_T1_14	1013	Channa lucius	1	Seen	Incidental	NA
2-Mar-20	1.36072	103.82703	WS_T1_15	1001	Chilasa clytia clytia	1	Seen	Targeted	NA
2-Mar-20	1.36252	103.82602	WS_T1_20	935	Copsychus malabaricus	1	Heard	Incidental	NA
2-Mar-20	1.35873	103.81998	WS_T1_04	1106	Cyornis sp.	1	Heard	Incidental	Cyornis glaucicomans or
2-Mar-20	1.36072	103.82703	WS_T1_15	1001	Delias hyparete metarete	1	Seen	Targeted	NA
2-Mar-20	1.35982	103.82370	WS_T1_09	1046	Elymnias hypermnestra agina	1	Seen	Targeted	NA
2-Mar-20	1.36104	103.82102	WS_T1_27	901	Eurema sp.	1	Seen	Targeted	NA
2-Mar-20	1.36173	103.82681	WS_T1_19	956	Eurema sp.	1	Seen	Targeted	NA
2-Mar-20	1.36199	103.82661	WS_T1_19	950	Faunis canens arcesilas	1	Seen	Targeted	Feeding on fallen
2-Mar-20	1.36026	103.82296	WS_T1_09	1049	Faunis canens arcesilas	1	Seen	Targeted	NA
2-Mar-20	1.36064	103.82564	WS_T1_12	1028	Iambrix salsala salsala	1	Seen	Targeted	NA
2-Mar-20	1.35995	103.82662	WS_T1_14	1015	Ictinogomphus decoratus	1	Seen	Targeted	NA
2-Mar-20	1.36118	103.82454	WS_T1_23	913	Junonia almana javana	1	Seen	Targeted	NA
2-Mar-20	1.36072	103.82703	WS_T1_15	1005	Junonia hedonia ida	1	Seen	Targeted	NA
2-Mar-20	1.36026	103.82713	WS_T1_14	1010	Junonia hedonia ida	4	Seen	Targeted	Feeding on Leea rubra
2-Mar-20	1.35993	103.82635	WS_T1_13	1017	Junonia hedonia ida	1	Seen	Targeted	NA
2-Mar-20	1.35982	103.82370	WS_T1_09	1044	Junonia hedonia ida	1	Seen	Targeted	NA
2-Mar-20	1.35709	103.81909	WS_T1_01	1110	Junonia hedonia ida	1	Seen	Targeted	NA
2-Mar-20	1.36136	103.82696	WS_T1_15	959	Lathrecista asiatica	1	Seen	Targeted	NA
2-Mar-20	1.35907	103.82029	WS_T1_04	1103	Lathrecista asiatica	1	Seen	Targeted	NA
2-Mar-20	1.36199	103.82661	WS_T1_19	950	Lethe europa malaya	1	Seen	Targeted	NA
2-Mar-20	1.36122	103.82135	WS_T1_27	859	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
2-Mar-20	1.36199	103.82661	WS_T1_19	950	Mycalesis perseoides perseoides	1	Seen	Targeted	Feeding on fallen
2-Mar-20	1.36199	103.82661	WS_T1_19	953	Mycalesis perseoides perseoides	1	Seen	Targeted	NA
2-Mar-20	1.36199	103.82661	WS_T1_19	950	Mycalesis sp.	1	Seen	Targeted	Feeding on fallen
2-Mar-20	1.36199	103.82661	WS_T1_19	950	Mycalesis sp.	3	Seen	Targeted	Feeding on fallen
2-Mar-20	1.36189	103.82664	WS_T1_19	955	Mycalesis sp.	1	Seen	Targeted	NA
2-Mar-20	1.36064	103.82564	WS_T1_12	1028	Mycalesis sp.	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
2-Mar-20	1.36071	103.82508	WS_T1_11	1031	Mycalesis sp.	1	Seen	Targeted	NA
2-Mar-20	1.36103	103.82424	WS_T1_23	910	Neurothemis fluctuans	1	Seen	Targeted	NA
2-Mar-20	1.36105	103.82434	WS_T1_23	913	Neurothemis fluctuans	1	Seen	Targeted	NA
2-Mar-20	1.36123	103.82456	WS_T1_23	915	Neurothemis fluctuans	2	Seen	Targeted	NA
2-Mar-20	1.36146	103.82531	WS_T1_22	921	Neurothemis fluctuans	1	Seen	Targeted	NA
2-Mar-20	1.35995	103.82662	WS_T1_14	1016	Neurothemis fluctuans	1	Seen	Targeted	NA
2-Mar-20	1.35993	103.82635	WS_T1_13	1018	Neurothemis fluctuans	1	Seen	Targeted	NA
2-Mar-20	1.36064	103.82598	WS_T1_12	1024	Neurothemis fluctuans	1	Seen	Targeted	NA
2-Mar-20	1.36045	103.82414	WS_T1_10	1039	Neurothemis fluctuans	2	Seen	Targeted	NA
2-Mar-20	1.36105	103.82434	WS_T1_23	912	Orthetrum chrysis	1	Seen	Targeted	NA
2-Mar-20	1.36064	103.82598	WS_T1_12	1023	Orthetrum chrysis	1	Seen	Targeted	NA
2-Mar-20	1.36069	103.82571	WS_T1_12	1027	Orthetrum chrysis	1	Seen	Targeted	NA
2-Mar-20	1.36073	103.82530	WS_T1_12	1030	Orthetrum chrysis	2	Seen	Targeted	NA
2-Mar-20	1.36071	103.82508	WS_T1_11	1031	Orthetrum chrysis	3	Seen	Targeted	NA
2-Mar-20	1.36045	103.82414	WS_T1_10	1039	Orthetrum chrysis	2	Seen	Targeted	NA
2-Mar-20	1.36027	103.82390	WS_T1_10	1040	Orthetrum chrysis	1	Seen	Targeted	NA
2-Mar-20	1.36004	103.82385	WS_T1_10	1041	Orthetrum chrysis	2	Seen	Targeted	NA
2-Mar-20	1.35982	103.82370	WS_T1_09	1043	Orthetrum chrysis	1	Seen	Targeted	Eaten by spider
2-Mar-20	1.35982	103.82370	WS_T1_09	1043	Orthetrum chrysis	1	Seen	Targeted	On spider web
2-Mar-20	1.35982	103.82370	WS_T1_09	1044	Orthetrum chrysis	1	Seen	Targeted	NA
2-Mar-20	1.35982	103.82370	WS_T1_09	1044	Orthetrum chrysis	1	Seen	Targeted	NA
2-Mar-20	1.36142	103.82515	WS_T1_22	920	Orthetrum luzonicum	1	Seen	Targeted	NA
2-Mar-20	1.35995	103.82662	WS_T1_14	1016	Orthetrum sabina	1	Seen	Targeted	NA
2-Mar-20	1.35995	103.82662	WS_T1_14	1014	Orthetrum testaceum	1	Seen	Targeted	NA
2-Mar-20	1.36064	103.82598	WS_T1_12	1023	Orthetrum testaceum	1	Seen	Targeted	NA
2-Mar-20	1.36069	103.82571	WS_T1_12	1027	Orthetrum testaceum	1	Seen	Targeted	NA
2-Mar-20	1.36071	103.82508	WS_T1_11	1031	Orthetrum testaceum	1	Seen	Targeted	NA
2-Mar-20	1.35818	103.81943	WS_T1_03	1115	Pantala flavescens	2	Seen	Targeted	NA
2-Mar-20	1.36136	103.82487	WS_T1_22	917	Pelopidas mathias mathias	1	Seen	Targeted	Feeding on Asystasia
2-Mar-20	1.36072	103.82703	WS_T1_15	1001	Pelopidas mathias mathias	1	Seen	Targeted	NA
2-Mar-20	1.36072	103.82703	WS_T1_15	1005	Phalanta phalantha phalantha	1	Seen	Targeted	NA
2-Mar-20	1.36026	103.82713	WS_T1_14	1010	Polyura sp.	1	Seen	Targeted	NA
2-Mar-20	1.36103	103.82424	WS_T1_23	910	Potanthus omaha omaha	1	Seen	Targeted	NA
2-Mar-20	1.36123	103.82456	WS_T1_23	914	Potanthus omaha omaha	1	Seen	Targeted	NA
2-Mar-20	1.35993	103.82635	WS_T1_13	1018	Potanthus omaha omaha	1	Seen	Targeted	NA
2-Mar-20	1.36072	103.82515	WS_T1_11	1031	Prodasineura humeralis	1	Seen	Targeted	NA
2-Mar-20	1.36064	103.82598	WS_T1_12	1025	Pseudagrion microcephalum	1	Seen	Targeted	NA
2-Mar-20	1.36247	103.82620	WS_T1_20	937	Pyroneura latoia latoia	1	Seen	Targeted	NA
2-Mar-20	1.36111	103.82176	WS_T1_26	855	Rhyothemis phyllis	1	Seen	Targeted	NA
2-Mar-20	1.36142	103.82515	WS_T1_22	920	Rhyothemis phyllis	1	Seen	Targeted	NA
2-Mar-20	1.35982	103.82370	WS_T1_09	1045	Rhyothemis phyllis	1	Seen	Targeted	NA
2-Mar-20	1.35923	103.82045	WS_T1_04	1102	Tanaecia sp.	1	Seen	Targeted	NA
2-Mar-20	1.36098	103.82334	WS_T1_24	907	Trithemis aurora	4	Seen	Targeted	NA
2-Mar-20	1.36136	103.82487	WS_T1_22	917	Trithemis aurora	2	Seen	Targeted	NA
2-Mar-20	1.36026	103.82702	WS_T1_14	1011	Trithemis aurora	1	Seen	Targeted	NA
2-Mar-20	1.35995	103.82662	WS_T1_14	1014	Trithemis aurora	4	Seen	Targeted	NA
2-Mar-20	1.36064	103.82589	WS_T1_12	1021	Trithemis aurora	3	Seen	Targeted	NA
2-Mar-20	1.36069	103.82571	WS_T1_12	1027	Trithemis aurora	1	Seen	Targeted	NA
2-Mar-20	1.36064	103.82598	WS_T1_12	1023	Trithemis festiva	1	Seen	Targeted	Ovipositing
2-Mar-20	1.36064	103.82598	WS_T1_12	1026	Trithemis festiva	1	Seen	Targeted	NA
2-Mar-20	1.36069	103.82571	WS_T1_12	1027	Trithemis festiva	1	Seen	Targeted	NA
2-Mar-20	1.36056	103.82471	WS_T1_11	1033	Tyriobapta torrida	3	Seen	Targeted	NA
2-Mar-20	1.36146	103.82531	WS_T1_22	921	Ypthima horsfieldii humei	1	Seen	Targeted	NA
2-Mar-20	1.36238	103.82585	WS_T1_20	932	Ypthima horsfieldii humei	1	Seen	Targeted	NA
2-Mar-20	1.36146	103.82531	WS_T1_22	923	Ypthima huebneri	1	Seen	Targeted	NA
2-Mar-20	1.36072	103.82703	WS_T1_15	1001	Zizina otis lampa	1	Seen	Targeted	NA
3-Jun-20	1.36259	103.82537	WS_T1_21	1100	Sus scrofa	1	Seen	Incidental	Sub-adult
3-Jun-20	1.36387	103.82772	WS_T1_16	737	Psittacula longicauda	1	Heard	Targeted	NA
3-Jun-20	1.36387	103.82756	WS_T1_16	739	Aegithina tiphia	1	Heard	Targeted	NA
3-Jun-20	1.36387	103.82756	WS_T1_16	739	Aplonis panayensis	1	Heard	Targeted	NA
3-Jun-20	1.36387	103.82756	WS_T1_16	739	Orthotomus sericeus	1	Heard	Targeted	NA
3-Jun-20	1.36387	103.82756	WS_T1_16	739	Spilopelia chinensis	1	Heard	Targeted	NA
3-Jun-20	1.36379	103.82748	WS_T1_16	740	Acridotheres javanicus	1	Heard	Targeted	NA
3-Jun-20	1.36379	103.82748	WS_T1_16	740	Pycnonotus goiavier	1	Heard	Targeted	NA
3-Jun-20	1.36359	103.82747	WS_T1_16	743	Aegithina tiphia	1	Heard	Targeted	NA
3-Jun-20	1.36359	103.82747	WS_T1_16	743	Aplonis panayensis	3	Heard	Targeted	NA
3-Jun-20	1.36359	103.82747	WS_T1_16	743	Pycnonotus goiavier	1	Heard	Targeted	NA
3-Jun-20	1.36357	103.82737	WS_T1_16	744	Todiramphus chloris	1	Heard	Targeted	NA
3-Jun-20	1.36352	103.82724	WS_T1_17	745	Acridotheres javanicus	1	Heard	Targeted	NA
3-Jun-20	1.36338	103.82717	WS_T1_17	746	Oriolus chinensis	1	Heard	Targeted	NA
3-Jun-20	1.36338	103.82717	WS_T1_17	746	Orthotomus sericeus	1	Heard	Targeted	NA
3-Jun-20	1.36338	103.82717	WS_T1_17	746	Sus scrofa	1	Seen	Targeted	NA
3-Jun-20	1.36338	103.82717	WS_T1_17	746	Treron vernans	1	Seen	Targeted	NA
3-Jun-20	1.36318	103.82732	WS_T1_17	749	Oriolus chinensis	1	Heard	Targeted	NA
3-Jun-20	1.36318	103.82732	WS_T1_17	749	Pycnonotus goiavier	1	Heard	Targeted	NA
3-Jun-20	1.36318	103.82732	WS_T1_17	750	Aplonis panayensis	10	Seen	Targeted	Feeding on Ficus
3-Jun-20	1.36318	103.82732	WS_T1_17	750	Treron vernans	1	Seen	Targeted	Feeding on Ficus
3-Jun-20	1.36318	103.82732	WS_T1_17	752	Aplonis panayensis	4	Seen	Targeted	NA
3-Jun-20	1.36318	103.82732	WS_T1_17	752	Oriolus chinensis	1	Seen	Targeted	Feeding on Ficus
3-Jun-20	1.36318	103.82732	WS_T1_17	752	Psilopogon lineatus	1	Seen	Targeted	Feeding on Ficus
3-Jun-20	1.36318	103.82732	WS_T1_17	752	Treron vernans	2	Seen	Targeted	Feeding on Ficus
3-Jun-20	1.36288	103.82741	WS_T1_18	756	Aethopyga siparaja	1	Heard	Targeted	NA
3-Jun-20	1.36268	103.82743	WS_T1_18	759	Gallus gallus	1	Heard	Targeted	NA
3-Jun-20	1.36252	103.82733	WS_T1_18	801	Psilopogon haemacephalus	1	Heard	Targeted	NA
3-Jun-20	1.36252	103.82733	WS_T1_18	801	Todiramphus chloris	1	Heard	Targeted	NA
3-Jun-20	1.36228	103.82711	WS_T1_19	803	Aplonis panayensis	1	Heard	Targeted	NA
3-Jun-20	1.36228	103.82711	WS_T1_19	803	Pycnonotus plumosus	1	Heard	Targeted	NA
3-Jun-20	1.36228	103.82711	WS_T1_19	804	Arachnothera longirostra	1	Heard	Targeted	NA
3-Jun-20	1.36228	103.82711	WS_T1_19	804	Dicaeum trigonostigma	1	Heard	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
3-Jun-20	1.36211	103.82695	WS_T1_19	805	Pycnonotus goiavier	1	Seen	Targeted	NA
3-Jun-20	1.36212	103.82678	WS_T1_19	807	Orthotomus sericeus	1	Heard	Targeted	NA
3-Jun-20	1.36212	103.82678	WS_T1_19	809	Anthreptes malacensis	1	Seen	Targeted	NA
3-Jun-20	1.36212	103.82678	WS_T1_19	809	Zosterops simplex	1	Heard	Targeted	NA
3-Jun-20	1.36212	103.82678	WS_T1_19	810	Canis lupus familiaris	1	Seen	Targeted	include
3-Jun-20	1.36212	103.82678	WS_T1_19	810	Unidentified_Sciuridae	1	Seen	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	902	Acridotheres javanicus	1	Heard	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	902	Loriculus galgulus	1	Heard	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	902	Psittacula longicauda	1	Heard	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	902	Spilopelia chinensis	1	Heard	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	904	Cinnyris jugularis	1	Heard	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	904	Dinopium javanense	1	Heard	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	904	Mixornis gularis	1	Heard	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	905	Aegithina tiphia	1	Heard	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	905	Callosciurus notatus	1	Seen	Targeted	NA
3-Jun-20	1.36088	103.82093	WS_T1_28	905	Pycnonotus goiavier	1	Heard	Targeted	NA
3-Jun-20	1.36067	103.82063	WS_T1_28	907	Gracula religiosa	1	Heard	Targeted	NA
3-Jun-20	1.36067	103.82063	WS_T1_28	907	Oriolus chinensis	1	Heard	Targeted	NA
3-Jun-20	1.36055	103.82055	WS_T1_28	908	Mixornis gularis	1	Heard	Targeted	NA
3-Jun-20	1.36055	103.82055	WS_T1_28	909	Callosciurus notatus	1	Seen	Targeted	NA
3-Jun-20	1.36055	103.82055	WS_T1_28	911	Orthotomus atrogularis	1	Heard	Targeted	NA
3-Jun-20	1.36055	103.82055	WS_T1_28	911	Sundasciurus tenuis	1	Seen	Targeted	NA
3-Jun-20	1.36037	103.82049	WS_T1_28	912	Acridotheres javanicus	1	Heard	Targeted	NA
3-Jun-20	1.36023	103.82049	WS_T1_29	915	Chrysophlegma miniaceum	1	Heard	Targeted	NA
3-Jun-20	1.36023	103.82049	WS_T1_29	919	Callosciurus notatus	1	Seen	Targeted	NA
3-Jun-20	1.36023	103.82049	WS_T1_29	919	Pitta moluccensis	1	Heard	Targeted	NA
3-Jun-20	1.36016	103.82056	WS_T1_29	920	Acridotheres javanicus	1	Heard	Targeted	NA
3-Jun-20	1.36016	103.82056	WS_T1_29	920	Aethopyga siparaja	1	Heard	Targeted	NA
3-Jun-20	1.36016	103.82056	WS_T1_29	920	Dinopium javanense	1	Heard	Targeted	NA
3-Jun-20	1.36016	103.82056	WS_T1_29	920	Gallus gallus	1	Heard	Targeted	NA
3-Jun-20	1.36016	103.82056	WS_T1_29	920	Spilopelia chinensis	1	Heard	Targeted	NA
3-Jun-20	1.36002	103.82036	WS_T1_29	922	Callosciurus notatus	2	Seen	Targeted	NA
3-Jun-20	1.36002	103.82036	WS_T1_29	922	Merops sp.	1	Heard	Targeted	NA
3-Jun-20	1.35991	103.82024	WS_T1_29	924	Picus vittatus	1	Heard	Targeted	NA
3-Jun-20	1.35984	103.82029	WS_T1_29	926	Callosciurus notatus	2	Seen	Targeted	NA
3-Jun-20	1.35984	103.82029	WS_T1_29	926	Orthotomus atrogularis	1	Heard	Targeted	NA
3-Jun-20	1.35951	103.82006	WS_T1_30	929	Acridotheres javanicus	1	Heard	Targeted	NA
3-Jun-20	1.35935	103.81988	WS_T1_30	930	Aerodramus sp.	1	Seen	Targeted	NA
3-Jun-20	1.35935	103.81988	WS_T1_30	930	Macaca fascicularis	2	Seen	Targeted	Feeding on Elaeis
3-Jun-20	1.35935	103.81988	WS_T1_30	930	Pycnonotus goiavier	1	Seen	Targeted	NA
3-Jun-20	1.35935	103.81988	WS_T1_30	932	Acridotheres javanicus	2	Seen	Targeted	NA
3-Jun-20	1.35935	103.81988	WS_T1_30	932	Aplonis panayensis	4	Seen	Targeted	NA
3-Jun-20	1.35935	103.81988	WS_T1_30	932	Orthotomus sutorius	1	Heard	Targeted	NA
3-Jun-20	1.35884	103.81973	WS_T1_30	937	Aethopyga siparaja	1	Seen	Targeted	Feeding on Heliconia
3-Jun-20	1.35884	103.81973	WS_T1_30	937	Callosciurus notatus	1	Seen	Targeted	NA
3-Jun-20	1.35884	103.81973	WS_T1_30	937	Macaca fascicularis	30	Seen	Targeted	NA
5-Jun-20	1.36098	103.82217	WS_T1_26	1029	Surniculus lugubris	1	Heard	Incidental	NA
16-Jun-20	1.36264	103.82779	WS_A1_03	1942	Poecilia reticulata	100+	Seen	Point count	NA
16-Jun-20	1.36290	103.82762	WS_T1_18	1945	Chiroptera sp.	1	Seen	Targeted	NA
16-Jun-20	1.36315	103.82777	WS_A1_02	1949	Clarias sp.	1	Seen	Point count	NA
16-Jun-20	1.36315	103.82777	WS_A1_02	1949	Monopterus javanensis	1	Seen	Point count	NA
16-Jun-20	1.36315	103.82777	WS_A1_02	1949	Poecilia reticulata	38	Seen	Point count	NA
16-Jun-20	1.36264	103.82779	WS_A1_03	1956	Barbodes rhombeus	5	Seen	Point count	NA
16-Jun-20	1.36264	103.82779	WS_A1_03	1956	Poecilia reticulata	11	Seen	Point count	NA
16-Jun-20	1.36362	103.82749	WS_T1_16	2009	Unidentified_Insect bat	1	Seen	Targeted	NA
16-Jun-20	1.36362	103.82749	WS_T1_16	2009	Rattus annandalei	1	Seen	Targeted	NA
16-Jun-20	1.36359	103.82730	WS_T1_16	2010	Unidentified_Insect bat	1	Seen	Targeted	NA
16-Jun-20	1.36359	103.82730	WS_T1_16	2013	Rattus annandalei	1	Seen	Targeted	NA
16-Jun-20	1.36215	103.82626	WS_T1_20	2041	Macaca fascicularis	1	Heard	Targeted	NA
16-Jun-20	1.36215	103.82626	WS_T1_20	2041	Ninox scutulata	1	Heard	Targeted	NA
16-Jun-20	1.36216	103.82565	WS_T1_21	2048	Iomys horsfieldii	1	seen	Targeted	Height 15m
16-Jun-20	1.36233	103.82529	WS_A2_01	2056	Barbodes rhombeus	7	Seen	Point count	NA
16-Jun-20	1.36233	103.82529	WS_A2_01	2056	Betta pugnax	1	Seen	Point count	NA
16-Jun-20	1.36233	103.82529	WS_A2_01	2056	Chalcorana labialis	12	Seen	Incidental	tadpoles
16-Jun-20	1.36149	103.82530	WS_A2_02	2110	Betta pugnax	1	Seen	Point count	NA
16-Jun-20	1.36149	103.82530	WS_A2_02	2110	Dermogenys collettei	1	Seen	Point count	NA
16-Jun-20	1.36149	103.82530	WS_A2_02	2110	Limnonectes blythii	1	Seen	Incidental	NA
16-Jun-20	1.36149	103.82530	WS_A2_02	2110	Rallina fasciata	1	Heard	Incidental	NA
16-Jun-20	1.36149	103.82530	WS_A2_02	2110	Rasbora elegans	1	Seen	Point count	NA
16-Jun-20	1.36085	103.82410	WS_T1_10	2115	Unidentified_Insect bat	1	Seen	Targeted	NA
16-Jun-20	1.36083	103.82356	WS_T1_24	2118	Unidentified_Insect bat	1	Seen	Targeted	NA
16-Jun-20	1.36083	103.82356	WS_T1_24	2120	Unidentified_Fruit bat	1	Seen	Targeted	NA
16-Jun-20	1.36107	103.82188	WS_T1_26	2139	Galeopterus variegatus	1	Seen	Targeted	Grey morph, height 8m
16-Jun-20	1.36096	103.82178	WS_T1_26	2148	Sus scrofa	4	Seen	Targeted	NA
16-Jun-20	1.36120	103.82109	WS_T1_27	2155	Rattus annandalei	1	Seen	Targeted	NA
16-Jun-20	1.36076	103.82084	WS_T1_28	2158	Unidentified_Flying squirrel	1	Heard	Targeted	Calling from inside WNP
16-Jun-20	1.36076	103.82084	WS_T1_28	2158	Oriolus chinensis	2	Seen	Targeted	Roosting
16-Jun-20	1.36076	103.82084	WS_T1_28	2158	Rattus sp.	1	Seen	Targeted	NA
16-Jun-20	1.36053	103.82057	WS_T1_28	2204	Galeopterus variegatus	1	Seen	Targeted	Rufous morph, height 4m
16-Jun-20	1.35906	103.81999	WS_T1_04	2219	Galeopterus variegatus	2	Seen	Targeted	Grey morph w baby,
16-Jun-20	1.35921	103.82013	WS_T1_04	2222	Galeopterus variegatus	1	Seen	Targeted	Grey morph, Height 8m
16-Jun-20	1.35710	103.81904	WS_T1_01	2245	Unidentified_Flying squirrel	1	Heard	Targeted	NA
16-Jun-20	1.35710	103.81904	WS_T1_01	2245	Nyctixalus pictus	1	Heard	Incidental	NA
16-Jun-20	1.35710	103.81904	WS_T1_01	2245	Sus scrofa	1	Seen	Targeted	NA
16-Jun-20	1.35758	103.81938	WS_T1_02	2248	Eleutherodactylus planirostris	1	Heard	Incidental	NA
16-Jun-20	1.35758	103.81938	WS_T1_02	2248	Unidentified_Fruit bat	2	Seen	Targeted	NA
16-Jun-20	1.35758	103.81938	WS_T1_02	2248	Sus scrofa	1	Seen	Targeted	NA
16-Jun-20	1.35848	103.81975	WS_T1_03	2254	Macaca fascicularis	2	Heard	Targeted	NA
16-Jun-20	1.35965	103.82077	WS_T1_05	2300	Caprimulgus macrurus	1	Heard	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
16-Jun-20	1.35965	103.82077	WS_T1_05	2300	Unidentified_Fruit bat	1	Seen	Targeted	NA
16-Jun-20	1.36088	103.82226	WS_A3_01	2306	Barbodes rhombeus	17	Seen	Point count	NA
16-Jun-20	1.36088	103.82226	WS_A3_01	2306	Dermogenys collettei	2	Seen	Point count	NA
16-Jun-20	1.36088	103.82226	WS_A3_01	2308	Otus lempiji	2	Heard	Incidental	NA
16-Jun-20	1.36044	103.82398	WS_A3_02	2322	Barbodes rhombeus	38	Seen	Point count	NA
16-Jun-20	1.36044	103.82398	WS_A3_02	2322	Clarias sp.	1	Seen	Point count	NA
16-Jun-20	1.36044	103.82398	WS_A3_02	2322	Dermogenys collettei	2	Seen	Point count	NA
16-Jun-20	1.36044	103.82398	WS_A3_02	2322	Macrobrachium malayanum	1	Seen	Point count	NA
16-Jun-20	1.36044	103.82398	WS_A3_02	2322	Rasbora elegans	4	Seen	Point count	NA
16-Jun-20	1.36044	103.82398	WS_A3_02	2322	Trichopsis vittata	1	Seen	Point count	NA
16-Jun-20	1.36055	103.82420	WS_T1_10	2330	Ninox scutulata	1	Heard	Targeted	NA
16-Jun-20	1.36072	103.82502	WS_A3_03	2332	Barbodes rhombeus	21	Seen	Point count	NA
16-Jun-20	1.36072	103.82502	WS_A3_03	2332	Dermogenys collettei	6	Seen	Point count	NA
16-Jun-20	1.36072	103.82502	WS_A3_03	2332	Macrobrachium malayanum	1	Seen	Point count	NA
16-Jun-20	1.36072	103.82502	WS_A3_03	2332	Poecilia reticulata	7	Seen	Point count	NA
16-Jun-20	1.36072	103.82502	WS_A3_03	2332	Rasbora elegans	4	Seen	Point count	NA
16-Jun-20	1.36065	103.82592	WS_A3_04	2342	Barbodes rhombeus	29	Seen	Point count	NA
16-Jun-20	1.36065	103.82592	WS_A3_04	2342	Dermogenys collettei	4	Seen	Point count	NA
16-Jun-20	1.36065	103.82592	WS_A3_04	2342	Rasbora elegans	7	Seen	Point count	NA
16-Jun-20	1.36075	103.82520	WS_T1_11	2352	Bronchocela cristatella	1	Seen	Targeted	NA
16-Jun-20	1.36075	103.82520	WS_T1_11	2352	Unidentified_Fruit bat	1	Seen	Targeted	NA
16-Jun-20	1.36005	103.82674	WS_A3_05	2355	Barbodes rhombeus	150+	Seen	Point count	NA
16-Jun-20	1.36005	103.82674	WS_A3_05	2355	Clarias gariepinus	3	Seen	Point count	NA
16-Jun-20	1.36005	103.82674	WS_A3_05	2355	Poecilia reticulata	200+	Seen	Point count	NA
16-Jun-20	1.36079	103.82246	WS_T1_25	2310	Unidentified_Fruit bat	2	Seen	Targeted	NA
16-Jun-20	1.36043	103.82386	WS_T1_10	2310	Rattus sp.	1	Seen	Targeted	NA
16-Jun-20	1.36057	103.82846	NA	2033	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200616_203308.wav
16-Jun-20	1.36374	103.82825	NA	2018	Myotis muricola	NA	Acoustic	Acoustic	20200616_201808.wav
16-Jun-20	1.36374	103.82825	NA	2018	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200616_201808.wav
16-Jun-20	1.36077	103.82841	NA	2103	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200616_210308.wav
16-Jun-20	1.36077	103.82841	NA	2355	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200616_235502.wav
18-Jun-20	1.36315	103.82777	WS_A1_02	0838-	Poecilia reticulata	16	Seen	Point count	NA
18-Jun-20	1.36368	103.82781	WS_A1_01	0845-	Barbodes rhombeus	1	Seen	Point count	NA
18-Jun-20	1.36224	103.82720	WS_T1_19	930	Iambrix salsala salsala	1	Seen	Targeted	NA
18-Jun-20	1.36224	103.82720	WS_T1_19	930	Ypthima sp.	1	Seen	Targeted	NA
18-Jun-20	1.36167	103.82708	WS_T1_19	933	Melanitis leda leda	1	Seen	Targeted	NA
18-Jun-20	1.36167	103.82708	WS_T1_19	934	Agrionoptera insignis	1	Seen	Targeted	NA
18-Jun-20	1.36149	103.82729	WS_T1_15	935	Mycalesis visala phamis	1	Seen	Targeted	NA
18-Jun-20	1.36142	103.82742	WS_T1_15	937	Appias libythea olferna	1	Seen	Targeted	NA
18-Jun-20	1.36142	103.82742	WS_T1_15	937	Catopsilia pomona pomona	2	Seen	Targeted	NA
18-Jun-20	1.36137	103.82727	WS_T1_15	941	Catopsilia pyranthe pyranthe	1	Seen	Targeted	NA
18-Jun-20	1.36101	103.82137	WS_T1_27	958	Papilio iswara iswara	1	Seen	Targeted	Fighting with Papilio
18-Jun-20	1.36101	103.82137	WS_T1_27	958	Papilio polytes romulus	1	Seen	Targeted	Fighting with Papilio
18-Jun-20	1.36100	103.82102	WS_T1_27	959	Eurema sp.	1	Seen	Targeted	NA
18-Jun-20	1.36095	103.82094	WS_T1_27	1003	Neurothemis fluctuans	1	Seen	Targeted	NA
18-Jun-20	1.36095	103.82094	WS_T1_27	1003	Ypthima sp.	1	Seen	Targeted	NA
18-Jun-20	1.36071	103.82070	WS_T1_28	1007	Papilio polytes romulus	1	Seen	Targeted	NA
18-Jun-20	1.35906	103.81978	WS_T1_30	1022	Appias libythea olferna	1	Seen	Targeted	NA
18-Jun-20	1.35906	103.81978	WS_T1_30	1024	Diplacodes trivialis	1	Seen	Targeted	NA
18-Jun-20	1.35714	103.81896	WS_T1_01	1031	Pyroneura latoia latoia	1	Seen	Targeted	NA
18-Jun-20	1.36088	103.82226	WS_A3_01	1043-	Dermogenys collettei	1	Seen	Point count	NA
18-Jun-20	1.36088	103.82226	WS_A3_01	1043-	Poecilia reticulata	2	Seen	Point count	NA
18-Jun-20	1.36044	103.82398	WS_A3_02	1052-	Archibasis viola	1	Seen	Point count	NA
18-Jun-20	1.36044	103.82398	WS_A3_02	1052-	Dermogenys collettei	18	Seen	Point count	NA
18-Jun-20	1.36044	103.82398	WS_A3_02	1052-	Microgomphus chelifer	1	Seen	Point count	Teneral
18-Jun-20	1.36044	103.82398	WS_A3_02	1052-	Orthetrum chrysis	5	Seen	Point count	NA
18-Jun-20	1.36044	103.82398	WS_A3_02	1052-	Poecilia reticulata	20	Seen	Point count	NA
18-Jun-20	1.36044	103.82398	WS_A3_02	1052-	Prodasineura humeralis	2	Seen	Point count	NA
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Archibasis viola	1	Seen	Point count	NA
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Barbodes rhombeus	8	Seen	Point count	NA
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Ceriagrion cerinorubellum	1	Seen	Point count	Mating
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Channa striata	2	Seen	Point count	NA
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Dermogenys collettei	11	Seen	Point count	NA
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Macrobrachium malayanum	3	Seen	Point count	NA
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Neurothemis fluctuans	1	Seen	Point count	NA
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Poecilia reticulata	7	Seen	Point count	NA
18-Jun-20	1.36072	103.82502	WS_A3_03	1100-	Prodasineura humeralis	2	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Archibasis viola	1	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Dermogenys collettei	1	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Neurothemis fluctuans	2	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Orthetrum chrysis	1	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Orthetrum luzonicum	1	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Poecilia reticulata	7	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Prodasineura humeralis	1	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Trithemis aurora	2	Seen	Point count	NA
18-Jun-20	1.36065	103.82592	WS_A3_04	1108-	Trithemis festiva	3	Seen	Point count	2 mating
18-Jun-20	1.36063	103.82595	WS_T1_12	1111	Papilio demoleus malayanus	1	Seen	Targeted	NA
18-Jun-20	1.36067	103.82600	WS_T1_12	1115	Doleschalia bisaltide bisaltide	1	Seen	Targeted	Feeding on Syzygium
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Amyda cartilaginea	1	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Barbodes rhombeus	TMTC	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Brachydiplax chalybea	1	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Crocothemis servilia	1	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Dawkinsia filamentosa	2	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Geophagus sp.	1	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Ictinogomphus decoratus	2	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Neurothemis fluctuans	2	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Orthetrum sabina	1	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Orthetrum testaceum	3	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Poecilia reticulata	TMTC	Seen	Point count	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Pseudagrion microcephalum	2	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Rhodothemis rufa	1	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Rhyothemis phyllis	4	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Trachemys scripta	3	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Trithemis aurora	5	Seen	Point count	NA
18-Jun-20	1.36005	103.82674	WS_A3_05	1121-	Xiphophorus maculatus	7	Seen	Point count	NA
18-Jun-20	1.36233	103.82529	WS_A2_01	1139-	Barbodes rhombeus	6	Seen	Point count	NA
18-Jun-20	1.36233	103.82529	WS_A2_01	1139-	Betta pugnax	2	Seen	Point count	NA
18-Jun-20	1.36233	103.82529	WS_A2_01	1139-	Chalcorana labialis	3	Seen	Point count	Tadpoles
18-Jun-20	1.36233	103.82529	WS_A2_01	1139-	Devadatta argyoides	1	Seen	Point count	NA
18-Jun-20	1.36233	103.82529	WS_A2_01	1139-	Orthetrum chrysis	2	Seen	Point count	NA
18-Jun-20	1.36233	103.82529	WS_A2_01	1139-	Poecilia reticulata	2	Seen	Point count	NA
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Archibasis viola	1	Seen	Point count	NA
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Betta pugnax	1	Seen	Point count	NA
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Brachydiplax chalybea	1	Seen	Point count	NA
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Ceriagrion cerinorubellum	2	Seen	Point count	NA
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Dermogenys collettei	2	Seen	Point count	NA
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Neurothemis fluctuans	3	Seen	Point count	1 ovipositing
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Poecilia reticulata	11	Seen	Point count	NA
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Poecilia reticulata	2	Seen	Point count	NA
18-Jun-20	1.36149	103.82530	WS_A2_02	1149-	Rasbora elegans	1	Seen	Point count	NA
18-Jun-20	1.36287	103.82745	WS_T1_18	919	Nest_Parischnogaster mellyi	1	Seen	Targeted	Abandoned nest
18-Jun-20	1.36224	103.82720	WS_T1_19	930	Stenodyneriellus guttulatus	4	Seen	Targeted	NA
18-Jun-20	1.36167	103.82708	WS_T1_19	933	Antepipona sp. nr. bipustulata	2	Seen	Targeted	NA
18-Jun-20	1.36142	103.82742	WS_T1_15	937	Apis cerana	5	Seen	Targeted	NA
18-Jun-20	1.36142	103.82742	WS_T1_15	940	Campsomerinae	1	Seen	Targeted	Collected
18-Jun-20	1.36138	103.82564	WS_T1_22	944	Xylocopa latipes	2	Seen	Incidental	NA
18-Jun-20	1.36100	103.82102	WS_T1_27	1001	Tetragonula valdezi	1	Seen	Targeted	Feeding on Heliconia
18-Jun-20	1.36095	103.82094	WS_T1_27	1001	Heterotrigona itama	1	Seen	Targeted	Feeding on Heliconia
18-Jun-20	1.36095	103.82094	WS_T1_27	1003	Campsomerinae	1	Seen	Targeted	Same species as above.
18-Jun-20	1.35946	103.82000	WS_T1_30	1020	Ropalidia sumatrae	1	Seen	Targeted	NA
18-Jun-20	1.35906	103.81978	WS_T1_30	1023	Tetragonula valdezi	1	Seen	Targeted	Feeding on Coccinia
18-Jun-20	1.35906	103.81978	WS_T1_30	1023	Lassioglossum sp.	1	Seen	Targeted	Failed to collect specimen
25-Jun-20	1.36005	103.82674	WS_A3_05	912	Amyda cartilaginea	1	Seen	Incidental	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	912	Neurothemis fluctuans	4	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	912	Osphronemus laticlavius	1	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	912	Poecilia reticulata	>100	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	912	Xiphophorus maculatus	5	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	915	Ictinogomphus decoratus	1	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	915	Trachemys scripta	4	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	915	Trithemis aurora	1	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	917	Pseudagrion microcephalum	1	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	922	Dermogenys collettei	3	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	922	Trithemis festiva	2	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	924	Prodasineura humeralis	1	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	926	Pseudagrion microcephalum	1	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	926	Trithemis aurora	1	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	926	Tyriobapta torrida	1	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	926	Teneral_Unidentified_Odonate	1	Seen	Point count	Likely Pseudagrion
25-Jun-20	1.36072	103.82502	WS_A3_03	932	Dermogenys collettei	1	Seen	Point count	NA
25-Jun-20	1.36072	103.82502	WS_A3_03	932	Prodasineura humeralis	1	Seen	Point count	NA
25-Jun-20	1.36072	103.82502	WS_A3_03	936	Neurothemis fluctuans	2	Seen	Point count	1 female
25-Jun-20	1.36072	103.82502	WS_A3_03	938	Tyriobapta torrida	1	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	941	Barbodes rhombeus	>44	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	941	Ceriagrion cerinorubellum	2	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	941	Channa striata	1	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	941	Dermogenys collettei	6	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	941	Poecilia reticulata	7	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	941	Rasbora elegans	5	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	941	Tyriobapta torrida	3	Seen	Point count	NA
25-Jun-20	1.35932	103.81977	WS_A3_02	1016	Diplacodes trivialis	1	Seen	Incidental	NA
25-Jun-20	1.35932	103.81977	WS_A3_02	1016	Orthetrum glaucum	1	Seen	Incidental	NA
25-Jun-20	1.35971	103.82028	WS_A3_02	1018	Chalcophaps indica	1	Seen	Incidental	NA
25-Jun-20	1.36066	103.82074	WS_A3_02	1027	Arachnothera longirostra	1	Seen	Incidental	NA
25-Jun-20	1.36066	103.82074	WS_A3_02	1027	Sundasciurus tenuis	1	Seen	Incidental	NA
25-Jun-20	1.36086	103.82086	WS_A3_02	1029	Neurothemis fluctuans	1	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A2_02	1039	Barbodes rhombeus	2	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A2_02	1039	Neurothemis fluctuans	1	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A2_02	1039	Orthetrum chrysis	3	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A2_02	1040	Agrionoptera insignis	2	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A2_02	1040	Archibasis viola	1	Seen	Point count	NA
25-Jun-20	1.36233	103.82529	WS_A2_01	1058	Barbodes rhombeus	1	Seen	Point count	NA
25-Jun-20	1.36233	103.82529	WS_A2_01	1058	Betta pugnax	2	Seen	Point count	NA
25-Jun-20	1.36233	103.82529	WS_A2_01	1058	Orthetrum chrysis	1	Seen	Point count	NA
25-Jun-20	1.36315	103.82777	WS_A1_02	1126	Agrionoptera insignis	1	Seen	Point count	NA
25-Jun-20	1.36315	103.82777	WS_A1_02	1126	Podolestes orientalis	1	Seen	Point count	NA
25-Jun-20	1.36315	103.82777	WS_A1_02	1126	Poecilia reticulata	3	Seen	Point count	NA
25-Jun-20	1.36368	103.82781	WS_A1_01	1146	Barbodes rhombeus	6	Seen	Point count	NA
25-Jun-20	1.36368	103.82781	WS_A1_01	1146	Orthetrum chrysis	2	Seen	Point count	NA
25-Jun-20	1.36368	103.82781	WS_A1_01	1146	Poecilia reticulata	7	Seen	Point count	NA
25-Jun-20	1.36368	103.82781	WS_A1_01	1146	Prodasineura humeralis	3	Seen	Point count	NA
25-Jun-20	1.36264	103.82779	WS_A1_03	1159	Poecilia reticulata	17	Seen	Point count	NA
25-Jun-20	1.36264	103.82779	WS_A1_03	1201	Chalcorana labialis	1	Seen	Incidental	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	1924	Amaurornis phoenicurus	1	Heard	Incidental	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	1924	Barbodes rhombeus	100+	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	1924	Clarias gariepinus	1	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	1924	Osphronemus laticlavius	1	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	1924	Poecilia reticulata	200+	Seen	Point count	NA
25-Jun-20	1.35999	103.82667	WS_T1_14	1943	Unidentified_Fruit bat	1	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
25-Jun-20	1.35995	103.82650	WS_T1_13	1945	Unidentified_Fruit bat	20+	Seen	Targeted	Feeding on Ficus
25-Jun-20	1.36012	103.82634	WS_T1_13	1948	Cynopterus brachyotis	1	Seen	Targeted	NA
25-Jun-20	1.36012	103.82634	WS_T1_13	1948	Rattus sp.	1	Seen	Targeted	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	1952	Barbodes rhombeus	6	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	1952	Dermogenys collettei	6	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	1952	Poecilia reticulata	3	Seen	Point count	NA
25-Jun-20	1.36065	103.82592	WS_A3_04	1952	Rasbora elegans	3	Seen	Point count	NA
25-Jun-20	1.36067	103.82605	WS_T1_12	1958	Galeopterus variegatus	1	Seen	Targeted	Rufous morph, 15.7m
25-Jun-20	1.36074	103.82561	WS_T1_12	2000	Sus scrofa	2	Seen	Targeted	NA
25-Jun-20	1.36072	103.82502	WS_A3_03	2003	Barbodes rhombeus	13	Seen	Point count	NA
25-Jun-20	1.36072	103.82502	WS_A3_03	2003	Dermogenys collettei	5	Seen	Point count	NA
25-Jun-20	1.36072	103.82502	WS_A3_03	2003	Limnonectes blythii	1	Seen	Incidental	NA
25-Jun-20	1.36072	103.82502	WS_A3_03	2003	Poecilia reticulata	8	Seen	Point count	NA
25-Jun-20	1.36072	103.82502	WS_A3_03	2003	Pulchrana baramica	1	Heard	Incidental	NA
25-Jun-20	1.36072	103.82502	WS_A3_03	2003	Rasbora elegans	3	Seen	Point count	NA
25-Jun-20	1.36066	103.82501	WS_T1_11	2010	Bronchocela cristatella	1	Seen	Incidental	NA
25-Jun-20	1.36066	103.82501	WS_A3_03	2010	Channa striata	1	Seen	Incidental	NA
25-Jun-20	1.36066	103.82501	WS_T1_11	2010	Unidentified_Fruit bat	1	Seen	Targeted	NA
25-Jun-20	1.36054	103.82415	WS_T1_10	2011	Otus lempiji	1	Seen	Targeted	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	2017	Barbodes rhombeus	17	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	2017	Dermogenys collettei	11	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	2017	Poecilia reticulata	30+	Seen	Point count	NA
25-Jun-20	1.36044	103.82398	WS_A3_02	2017	Rasbora elegans	10	Seen	Point count	NA
25-Jun-20	1.36043	103.82400	WS_T1_10	2024	Rattus annandalei	1	Seen	Targeted	NA
25-Jun-20	1.36042	103.82358	WS_T1_09	2027	Chalcorana labialis	1	Seen	Incidental	NA
25-Jun-20	1.36042	103.82358	WS_A3_02	2027	Clarias cf. batrachus	1	Seen	Incidental	In small pool of water
25-Jun-20	1.36042	103.82358	WS_T1_09	2027	Rattus annandalei	1	Seen	Targeted	NA
25-Jun-20	1.36070	103.82280	WS_T1_08	2033	Sus scrofa	2	Seen	Targeted	NA
25-Jun-20	1.36079	103.82208	WS_T1_07	2038	Unidentified_Insect bat	1	Seen	Targeted	NA
25-Jun-20	1.36088	103.82226	WS_A3_01	2041	Barbodes rhombeus	1	Seen	Point count	NA
25-Jun-20	1.36088	103.82226	WS_A3_01	2041	Fejervarya cancrivora	1	Seen	Incidental	NA
25-Jun-20	1.36079	103.82208	WS_T1_07	2042	Rattus annandalei	1	Seen	Targeted	NA
25-Jun-20	1.36054	103.82166	WS_T1_07	2050	Unidentified_Fruit bat	1	Seen	Targeted	NA
25-Jun-20	1.36054	103.82166	WS_T1_07	2052	Paradoxurus musangus	1	Seen	Targeted	NA
25-Jun-20	1.35922	103.82046	WS_T1_04	2104	Unidentified_Fruit bat	2	Seen	Targeted	NA
25-Jun-20	1.35922	103.82046	WS_T1_04	2106	Sus scrofa	1	Seen	Targeted	NA
25-Jun-20	1.35878	103.82011	WS_T1_04	2116	Sus scrofa	1	Seen	Targeted	NA
25-Jun-20	1.35861	103.81992	WS_T1_04	2120	Unidentified_Fruit bat	1	Seen	Targeted	NA
25-Jun-20	1.35861	103.81992	WS_T1_04	2120	Galeopterus variegatus	1	seen	Targeted	Grey morph, 15.1m
25-Jun-20	1.35861	103.81992	WS_T1_04	2120	Sus scrofa	2	Seen	Targeted	NA
25-Jun-20	1.35818	103.81970	WS_T1_03	2122	Nycticebus coucang	1	seen	Targeted	20m height
25-Jun-20	1.35970	103.82051	WS_T1_05	2137	Unidentified_Fruit bat	1	Seen	Targeted	NA
25-Jun-20	1.36032	103.82077	WS_T1_28	2201	Unidentified_Fruit bat	1	Seen	Targeted	NA
25-Jun-20	1.36032	103.82077	WS_T1_28	2201	Paradoxurus musangus	1	Seen	Targeted	NA
25-Jun-20	1.36060	103.82092	WS_T1_28	2205	Galeopterus variegatus	1	Seen	Targeted	Grey morph, 12m height
25-Jun-20	1.36030	103.82043	WS_T1_29	2223	Unidentified_Flying squirrel	1	Seen	Targeted	Further N, across road
25-Jun-20	1.36047	103.82061	WS_T1_28	2227	Unidentified_Fruit bat	1	Seen	Targeted	NA
25-Jun-20	1.36047	103.82061	WS_T1_28	2229	Iomys horsfieldii	2	Seen	Targeted	One individual glided
25-Jun-20	1.36096	103.82283	WS_T1_25	2318	Rallina fasciata	1	Heard	Targeted	NA
25-Jun-20	1.36096	103.82283	WS_T1_25	2319	Unidentified_Fruit bat	1	Seen	Targeted	NA
25-Jun-20	1.36149	103.82530	WS_A2_02	2328	Barbodes rhombeus	4	Seen	Point count	NA
25-Jun-20	1.36149	103.82530	WS_A2_02	2328	Dermogenys collettei	12	Seen	Point count	NA
25-Jun-20	1.36149	103.82530	WS_A2_02	2328	Poecilia reticulata	5	Seen	Point count	NA
25-Jun-20	1.36149	103.82530	WS_A2_02	2328	Rasbora elegans	1	Seen	Point count	NA
25-Jun-20	1.36233	103.82529	WS_A2_01	2342	Barbodes rhombeus	2	Seen	Point count	NA
25-Jun-20	1.36233	103.82529	WS_A2_01	2342	Chalcorana labialis	2	Seen	Incidental	Tadpole
25-Jun-20	1.36233	103.82529	WS_A2_01	2342	Poecilia reticulata	2	Seen	Point count	NA
25-Jun-20	1.36216	103.82533	WS_T1_21	2354	Rattus sp.	1	Seen	Targeted	NA
25-Jun-20	1.36227	103.82646	WS_T1_20	2355	Chalcophaps indica	1	Seen	Targeted	Roosting
25-Jun-20	1.36264	103.82779	WS_A1_03	14	Barbodes rhombeus	1	Seen	Point count	NA
25-Jun-20	1.36264	103.82779	WS_A1_03	14	Clarias cf. batrachus	1	Seen	Point count	NA
25-Jun-20	1.36264	103.82779	WS_A1_03	14	Poecilia reticulata	22	Seen	Point count	NA
25-Jun-20	1.36324	103.82710	WS_T1_17	23	Cynopterus brachyotis	1	Seen	Targeted	NA
25-Jun-20	1.36324	103.82710	WS_T1_17	23	Sus scrofa	1	Seen	Targeted	NA
25-Jun-20	1.36324	103.82710	WS_T1_17	25	Rattus sp.	1	Seen	Targeted	NA
25-Jun-20	1.36386	103.82751	WS_T1_16	30	Iomys horsfieldii	1	Seen	Targeted	Height 6m
25-Jun-20	1.36368	103.82781	WS_A1_01	40	Poecilia reticulata	15	Seen	Point count	NA
25-Jun-20	1.36315	103.82777	WS_A1_02	51	Poecilia reticulata	28	Seen	Point count	NA
25-Jun-20	1.36315	103.82777	WS_A1_02	55	Clarias cf. batrachus	1	Seen	Point count	NA
25-Jun-20	1.36005	103.82674	WS_A3_05	1924	Amyda cartilaginea	1	Seen	Incidental	NA
25-Jun-20	1.36030	103.81969	NA	2320	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200625_232009.wav
27-Jun-20	1.35949	103.81991	WS_T1_30	932	Caltoris cormasa	1	Seen	Targeted	NA
27-Jun-20	1.35949	103.81991	WS_T1_30	932	Eggs_Gallus gallus (domestic)	6	Seen	Incidental	NA
27-Jun-20	1.35949	103.81991	WS_T1_30	932	Spalgis epius epius	1	Seen	Targeted	NA
27-Jun-20	1.36093	103.82094	WS_T1_27	953	Eurema sp.	1	Seen	Targeted	NA
27-Jun-20	1.36093	103.82094	WS_T1_27	953	Mycalesis mineus macromalayana	2	Seen	Targeted	NA
27-Jun-20	1.36093	103.82094	WS_T1_27	953	Ypthima baldus newboldi	2	Seen	Targeted	NA
27-Jun-20	1.36099	103.82096	WS_T1_27	956	Caltoris sp.	4	Seen	Targeted	NA
27-Jun-20	1.36099	103.82096	WS_T1_27	956	Papilio polytes romulus	1	Seen	Targeted	NA
27-Jun-20	1.36099	103.82096	WS_T1_27	956	Pelopidas mathias mathias	2	Seen	Targeted	NA
27-Jun-20	1.36107	103.82215	WS_T1_26	1003	Macaca fascicularis	5	Seen	Incidental	NA
27-Jun-20	1.36107	103.82215	WS_T1_26	1003	Ypthima baldus newboldi	6	Seen	Incidental	NA
27-Jun-20	1.36152	103.82730	NA	1019	Appias libythea olferna	1	Seen	Incidental	NA
27-Jun-20	1.36152	103.82730	NA	1019	Elymnias hypermnestra agina	1	Seen	Incidental	NA
27-Jun-20	1.36152	103.82730	NA	1019	Eurema sp.	1	Seen	Incidental	NA
27-Jun-20	1.36152	103.82730	NA	1019	Mycalesis perseoides perseoides	1	Seen	Incidental	NA
27-Jun-20	1.36152	103.82730	NA	1019	Mycalesis perseus cepheus	1	Seen	Incidental	NA
27-Jun-20	1.36214	103.82694	WS_T1_19	1022	Iambrix salsala salsala	2	Seen	Targeted	NA
27-Jun-20	1.36214	103.82694	WS_T1_19	1022	Junonia hedonia ida	3	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
27-Jun-20	1.35927	103.81982	WS_T1_30	930	Leptosia nina malayana	1	Seen	Targeted	NA
27-Jun-20	1.35936	103.81991	WS_T1_30	932	Iambrix salsala salsala	1	Seen	Targeted	NA
27-Jun-20	1.35936	103.81991	WS_T1_30	932	Ypthima baldus newboldi	1	Seen	Targeted	NA
27-Jun-20	1.36208	103.82675	WS_T1_19	1025	Junonia almana javana	1	Seen	Targeted	NA
27-Jun-20	1.36208	103.82675	WS_T1_19	1025	Potanthus omaha omaha	1	Seen	Targeted	NA
27-Jun-20	1.36208	103.82675	WS_T1_19	1025	Ypthima baldus newboldi	1	Seen	Targeted	NA
29-Jun-20	1.36114	103.82139	WS_T1_27	1142	Galeopterus variegatus	1	Seen	Incidental	Height 7m; rufous morph;
5-Jul-20	1.36376	103.82750	WS_T1_16	943	Sus scrofa	1	Seen	Incidental	NA
6-Jul-20	1.35899	103.81977	WS_T1_30	802	Orthotomus atrogularis	1	Heard	Targeted	NA
6-Jul-20	1.35899	103.81977	WS_T1_30	802	Spilopelia chinensis	1	Seen	Targeted	NA
6-Jul-20	1.35929	103.81986	WS_T1_30	803	Anthreptes malacensis	1	Seen	Targeted	NA
6-Jul-20	1.35947	103.82000	WS_T1_30	804	Spilopelia chinensis	1	Seen	Targeted	NA
6-Jul-20	1.35981	103.82026	WS_T1_29	806	Aethopyga siparaja	1	Heard	Targeted	NA
6-Jul-20	1.35989	103.82036	WS_T1_29	807	Gallus gallus	1	Heard	Targeted	NA
6-Jul-20	1.35989	103.82036	WS_T1_29	807	Mixornis gularis	1	Heard	Targeted	NA
6-Jul-20	1.36014	103.82042	WS_T1_29	809	Arachnothera longirostra	1	Heard	Targeted	NA
6-Jul-20	1.36031	103.82046	WS_T1_28	810	Aplonis panayensis	1	Heard	Targeted	NA
6-Jul-20	1.36054	103.82050	WS_T1_28	812	Aplonis panayensis	1	Heard	Targeted	NA
6-Jul-20	1.36054	103.82050	WS_T1_28	812	Orthotomus atrogularis	1	Heard	Targeted	NA
6-Jul-20	1.36054	103.82050	WS_T1_28	812	Orthotomus atrogularis	1	Seen	Targeted	NA
6-Jul-20	1.36086	103.82089	WS_T1_28	813	Sundasciurus tenuis	1	Seen	Targeted	NA
6-Jul-20	1.36080	103.82070	WS_T1_28	815	Aplonis panayensis	1	Seen	Targeted	NA
6-Jul-20	1.36080	103.82070	WS_T1_28	815	Oriolus chinensis	1	Heard	Targeted	NA
6-Jul-20	1.36080	103.82070	WS_T1_28	815	Pycnonotus plumosus	1	Heard	Targeted	NA
6-Jul-20	1.36083	103.82087	WS_T1_28	817	Caprimulgus macrurus	1	Seen	Targeted	NA
6-Jul-20	1.36391	103.82782	WS_T1_16	907	Pycnonotus goiavier	1	Heard	Targeted	NA
6-Jul-20	1.36384	103.82751	WS_T1_16	910	Orthotomus sericeus	1	Heard	Targeted	NA
6-Jul-20	1.36378	103.82746	WS_T1_16	911	Aplonis panayensis	10	Heard	Targeted	NA
6-Jul-20	1.36368	103.82747	WS_T1_16	912	Acridotheres javanicus	2	Seen	Targeted	NA
6-Jul-20	1.36356	103.82746	WS_T1_16	912	Aegithina tiphia	1	Heard	Targeted	NA
6-Jul-20	1.36356	103.82746	WS_T1_16	912	Spilopelia chinensis	1	Heard	Targeted	NA
6-Jul-20	1.36351	103.82735	WS_T1_17	913	Dinopium javanense	1	Heard	Targeted	NA
6-Jul-20	1.36285	103.82747	WS_T1_18	917	Anthreptes malacensis	1	Heard	Targeted	NA
6-Jul-20	1.36285	103.82747	WS_T1_18	919	Pycnonotus goiavier	1	Heard	Targeted	NA
6-Jul-20	1.36285	103.82747	WS_T1_18	920	Chloropsis sp.	1	Heard	Targeted	NA
6-Jul-20	1.36272	103.82746	WS_T1_18	921	Callosciurus notatus	1	Seen	Targeted	NA
6-Jul-20	1.36272	103.82746	WS_T1_18	921	Oriolus chinensis	1	Heard	Targeted	NA
6-Jul-20	1.36223	103.82697	WS_T1_19	925	Halcyon smyrnensis	1	Heard	Targeted	NA
6-Jul-20	1.36218	103.82690	WS_T1_19	927	Junonia hedonia ida	1	Seen	Targeted	NA
6-Jul-20	1.36218	103.82690	WS_T1_19	927	Ypthima sp.	1	Seen	Targeted	NA
6-Jul-20	1.36199	103.82705	WS_T1_19	928	Elymnias hypermnestra agina	1	Seen	Targeted	NA
6-Jul-20	1.36146	103.82734	WS_T1_15	936	Ypthima huebneri	1	Seen	Targeted	NA
6-Jul-20	1.36097	103.82099	WS_T1_27	943	Junonia hedonia ida	1	Seen	Targeted	NA
6-Jul-20	1.36097	103.82099	WS_T1_27	943	Papilio polytes romulus	2	Seen	Targeted	NA
6-Jul-20	1.36097	103.82099	WS_T1_27	944	Eurema andersonii andersonii	2	Seen	Targeted	NA
6-Jul-20	1.36077	103.82081	WS_T1_28	948	Erionota sp.	1	Seen	Targeted	NA
6-Jul-20	1.36032	103.82054	WS_T1_28	953	Delias hyparete metarete	1	Seen	Targeted	NA
6-Jul-20	1.35948	103.81995	WS_T1_30	958	Baoris sp.	1	Seen	Targeted	Feeding on
6-Jul-20	1.35935	103.81987	WS_T1_30	1001	Appias libythea olferna	2	Seen	Targeted	NA
6-Jul-20	1.36114	103.82234	WS_T1_25	1010	Idea stolli logani	1	Seen	Targeted	NA
7-Jul-20	1.36360	103.82781	WS_T1_16	732	Tropidolaemus wagleri	1	Seen	Targeted	NA
7-Jul-20	1.36352	103.82720	WS_T1_17	752	Sus scrofa	1	Seen	Incidental	Outside SICC fence
7-Jul-20	1.36202	103.82521	WS_T1_21	839	Orthetrum chrysis	1	Seen	Incidental	NA
7-Jul-20	1.36061	103.82490	WS_T1_11	949	Sundasciurus tenuis	1	Seen	Incidental	NA
7-Jul-20	1.36070	103.82544	WS_T1_12	951	Cephrenes sp.	7	Seen	Incidental	NA
7-Jul-20	1.36072	103.82502	WS_A3_03	953	Channa sp.	1	Seen	Incidental	NA
7-Jul-20	1.36065	103.82592	WS_A3_04	0957-	Varanus salvator	1	Seen	Point count	NA
7-Jul-20	1.36065	103.82592	WS_T1_12	1002	Oriens gola pseudolus	2	Seen	Incidental	Feeding on Leea indica
7-Jul-20	1.36005	103.82674	WS_A3_05	1005-	Amyda cartilaginea	1	Seen	Point count	NA
7-Jul-20	1.36005	103.82674	WS_A3_05	1005-	Trachemys scripta	2	Seen	Point count	NA
7-Jul-20	1.36145	103.82340	WS_BF_03	1030	Tanaecia pelea pelea	2	Seen	Trapping	NA
13-Jul-20	1.36005	103.82674	WS_A3_05	0731-	Amyda cartilaginea	1	Seen	Point count	NA
13-Jul-20	1.36005	103.82674	WS_A3_05	0731-	Trachemys scripta	1	Seen	Point count	NA
13-Jul-20	1.36065	103.82592	WS_A3_04	0739-	Eleutherodactylus planirostris	1	Heard	Point count	NA
13-Jul-20	1.36063	103.82595	WS_T1_12	743	Macaca fascicularis	2	Seen	Incidental	NA
13-Jul-20	1.35945	103.82037	WS_T1_05	825	Roadkill Sibynophis melanocephalus	1	Seen	Targeted	Roadkill, fresh specimen
13-Jul-20	1.35981	103.82027	WS_T1_29	842	Dendrelaphis caudolineatus	1	Seen	Targeted	NA
13-Jul-20	1.36368	103.82781	WS_A1_01	923	Coeliccia octogesima	1	Seen	Incidental	NA
13-Jul-20	1.36368	103.82781	WS_A1_01	1003	Tropidolaemus wagleri	1	Seen	Point count	Same individual
13-Jul-20	1.36315	103.82777	WS_A1_02	1008	Tupaia glis	1	Seen	Incidental	NA
14-Jul-20	1.36467	103.82795	NA	1957	Galeopterus variegatus	2	Seen	Incidental	Mother and infant; grey
14-Jul-20	1.36368	103.82781	WS_A1_01	2007	Tropidolaemus wagleri	1	Seen	Point count	NA
14-Jul-20	1.36368	103.82781	WS_A1_01	2008	Chalcorana labialis	1	Seen	Point count	Tadpole
14-Jul-20	1.36368	103.82781	WS_A1_01	2008	Limnonectes blythii	1	Seen	Point count	NA
14-Jul-20	1.36328	103.82713	WS_T1_17	2010	Rattus sp.	1	Seen	Incidental	NA
14-Jul-20	1.36071	103.82270	WS_T1_08	4	Limnonectes blythii	1	Seen	Targeted	NA
14-Jul-20	1.36048	103.82336	WS_T1_09	8	Microhyla heymonsi	1	Heard	Targeted	NA
14-Jul-20	1.36047	103.82348	WS_T1_09	9	Limnonectes blythii	1	Heard	Targeted	NA
14-Jul-20	1.36044	103.82398	WS_A3_02	15	Microhyla heymonsi	3	Heard	Point count	NA
14-Jul-20	1.36044	103.82398	WS_A3_02	17	Limnonectes blythii	2	Seen	Point count	NA
14-Jul-20	1.36044	103.82398	WS_A3_02	18	Limnonectes blythii	1	Heard	Point count	NA
14-Jul-20	1.36054	103.82445	WS_T1_10	21	Limnonectes blythii	1	Seen	Targeted	NA
14-Jul-20	1.36072	103.82502	WS_A3_03	23	Boiga dendrophila	1	Seen	Point count	NA
14-Jul-20	1.36072	103.82502	WS_A3_03	23	Hylarana erythraea	1	Heard	Point count	NA
14-Jul-20	1.36072	103.82502	WS_A3_03	24	Microhyla heymonsi	4	Heard	Point count	NA
14-Jul-20	1.36065	103.82592	WS_A3_04	35	Limnonectes blythii	1	Seen	Point count	NA
14-Jul-20	1.36062	103.82593	WS_T1_12	40	Limnonectes blythii	1	Seen	Targeted	NA
14-Jul-20	1.36019	103.82628	WS_T1_13	42	Hylarana erythraea	2	Heard	Targeted	NA
14-Jul-20	1.36019	103.82628	WS_T1_13	42	Microhyla heymonsi	1	Heard	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
14-Jul-20	1.36005	103.82674	WS_A3_05	45	Hylarana erythraea	20	Heard	Point count	NA
14-Jul-20	1.36005	103.82674	WS_A3_05	45	Limnonectes blythii	12	Heard	Point count	NA
14-Jul-20	1.36005	103.82674	WS_A3_05	45	Microhyla heymonsi	5	Heard	Point count	NA
14-Jul-20	1.36005	103.82674	WS_A3_05	47	Hylarana erythraea	1	Seen	Point count	NA
14-Jul-20	1.36005	103.82674	WS_A3_05	48	Limnonectes blythii	1	Seen	Point count	NA
14-Jul-20	1.36005	103.82674	WS_A3_05	48	Limnonectes blythii	1	Heard	Point count	NA
14-Jul-20	1.36293	103.82744	WS_T1_18	2025	Polypedates leucomystax	1	Heard	Targeted	NA
14-Jul-20	1.36264	103.82779	WS_A1_03	2027	Limnonectes blythii	1	Seen	Point count	NA
14-Jul-20	1.36264	103.82779	WS_A1_03	2030	Unidentified_Frog	1	Seen	Point count	NA
14-Jul-20	1.36264	103.82779	WS_A1_03	2031	Limnonectes blythii	1	Seen	Point count	NA
14-Jul-20	1.36287	103.82747	WS_T1_18	2033	Polypedates leucomystax	1	Heard	Targeted	NA
14-Jul-20	1.36253	103.82724	WS_T1_18	2036	Limnonectes blythii	1	Seen	Targeted	NA
14-Jul-20	1.36233	103.82529	WS_A2_01	2057	Chalcorana labialis	5	Seen	Point count	NA
14-Jul-20	1.36233	103.82529	WS_A2_01	2058	Eutropis multifasciata	1	Seen	Point count	NA
14-Jul-20	1.36233	103.82529	WS_A2_01	2058	Monopterus javanensis	1	Seen	Incidental	NA
14-Jul-20	1.36233	103.82529	WS_A2_01	2059	Limnonectes blythii	2	Seen	Point count	NA
14-Jul-20	1.36233	103.82529	WS_A2_01	2059	Microhyla heymonsi	5	Heard	Point count	NA
14-Jul-20	1.36233	103.82529	WS_A2_01	2100	Clarias cf. batrachus	1	Seen	Incidental	NA
14-Jul-20	1.36149	103.82530	WS_A2_02	2105	Pulchrana baramica	1	Heard	Point count	Opposite site of the road
14-Jul-20	1.36149	103.82530	WS_A2_02	2108	Limnonectes blythii	1	Seen	Point count	Opposite site of the road
14-Jul-20	1.36115	103.82466	WS_T1_23	2118	Limnonectes blythii	1	Heard	Targeted	NA
14-Jul-20	1.36115	103.82466	WS_T1_23	2122	Pulchrana laterimaculata	1	Heard	Targeted	NA
14-Jul-20	1.36078	103.82360	WS_T1_24	2125	Galeopterus variegatus	1	Seen	Incidental	Height = 20m; Lamppost
14-Jul-20	1.36085	103.82390	WS_T1_24	2130	Bronchocela cristatella	1	Seen	Targeted	Opposite WNP
14-Jul-20	1.36078	103.82360	WS_T1_24	2140	Unidentified_Flying squirrel	1	Seen	Incidental	Height = 6m; WNP
14-Jul-20	1.36095	103.82322	WS_T1_24	2140	Gekko monarchus	1	Seen	Targeted	NA
14-Jul-20	1.36116	103.82197	WS_T1_26	2209	Paradoxurus musangus	1	Seen	Incidental	Sitting in the grass
14-Jul-20	1.36083	103.82086	WS_T1_28	2220	Microhyla heymonsi	5	Heard	Targeted	NA
14-Jul-20	1.36080	103.82080	WS_T1_28	2223	Galeopterus variegatus	1	Seen	Incidental	Grey morph; Height =
14-Jul-20	1.36044	103.82048	WS_T1_28	2226	Unidentified_Flying squirrel	1	Seen	Incidental	At WS044; Height = 15m
14-Jul-20	1.36044	103.82048	WS_T1_28	2226	Iomys horsfieldii	1	Seen	Incidental	Glided from WS043 to
14-Jul-20	1.36023	103.82043	WS_T1_29	2228	Eleutherodactylus planirostris	5	Heard	Targeted	NA
14-Jul-20	1.36023	103.82043	WS_T1_29	2235	Eleutherodactylus planirostris	3	Heard	Targeted	NA
14-Jul-20	1.36023	103.82043	WS_T1_29	2235	Iomys horsfieldii	2	Seen	Incidental	Height = 12m; Before
14-Jul-20	1.35735	103.81935	WS_T1_02	2300	Unidentified_Flying squirrel	1	Heard	Incidental	NA
14-Jul-20	1.35702	103.81878	WS_T1_01	2308	Tropidolaemus wagleri	1	Seen	Targeted	Female
14-Jul-20	1.35844	103.81973	WS_T1_03	2323	Paradoxurus musangus	1	Seen	Incidental	On Ficus variegata
14-Jul-20	1.35844	103.81973	WS_T1_03	2323	Rattus sp.	1	Seen	Incidental	NA
14-Jul-20	1.35859	103.81981	WS_T1_03	2324	Paradoxurus musangus	1	Seen	Incidental	NA
14-Jul-20	1.35910	103.82035	WS_T1_04	2330	Microhyla heymonsi	10	Heard	Targeted	NA
14-Jul-20	1.35948	103.82070	WS_T1_05	2332	Unidentified_Flying squirrel	1	Seen	Incidental	Height = 10m
14-Jul-20	1.35974	103.82085	WS_T1_05	2335	Rattus sp.	2	Seen	Incidental	NA
14-Jul-20	1.36043	103.82137	WS_T1_06	2340	Unidentified_Flying squirrel	1	Heard	Incidental	Alternative work site
14-Jul-20	1.36035	103.82143	WS_T1_06	2340	Sus scrofa	1	Seen	Incidental	NA
14-Jul-20	1.36066	103.82136	WS_T1_06	2343	Larvae_Unidentified Odonate	1	Seen	Incidental	NA
14-Jul-20	1.36082	103.82201	WS_T1_07	2346	Unidentified_Flying squirrel	1	Seen	Incidental	Height = 12m
14-Jul-20	1.36082	103.82201	WS_T1_07	2346	Rattus sp.	1	Seen	Incidental	NA
14-Jul-20	1.36088	103.82226	WS_A3_01	2351	Limnonectes blythii	1	Heard	Point count	NA
14-Jul-20	1.36088	103.82226	WS_T1_07	2351	Macrobrachium sp.	1	Seen	Incidental	NA
14-Jul-20	1.36080	103.82241	WS_T1_25	2353	Eutropis multifasciata	1	Seen	Targeted	NA
14-Jul-20	1.36082	103.82237	WS_T1_25	2359	Xenopeltis unicolor	1	Seen	Targeted	NA
20-Jul-20	1.36005	103.82674	WS_A3_05	1958-	Hylarana erythraea	5	Heard	Point count	NA
20-Jul-20	1.36005	103.82674	WS_A3_05	1958-	Limnonectes blythii	1	Seen	Point count	NA
20-Jul-20	1.36005	103.82674	WS_T1_14	1958-	Monopterus javanensis	1	Seen	Incidental	Eating dead Barbodes
20-Jul-20	1.36005	103.82674	WS_A3_05	1958-	Polypedates leucomystax	1	Heard	Point count	NA
20-Jul-20	1.36009	103.82644	WS_T1_13	2006	Hylarana erythraea	2	Seen	Targeted	NA
20-Jul-20	1.36043	103.82612	WS_T1_13	2010	Limnonectes blythii	1	Seen	Targeted	NA
20-Jul-20	1.36065	103.82592	WS_A3_04	2012-	Fejervarya limnocharis	2	Seen	Point count	NA
20-Jul-20	1.36065	103.82592	WS_A3_04	2012-	Limnonectes blythii	1	Heard	Point count	NA
20-Jul-20	1.36065	103.82592	WS_A3_04	2012-	Limnonectes blythii	2	Seen	Point count	NA
20-Jul-20	1.36070	103.82573	WS_T1_12	2019	Limnonectes blythii	1	Seen	Targeted	NA
20-Jul-20	1.36078	103.82557	WS_T1_12	2020	Fejervarya sp.	2	Seen	Targeted	NA
20-Jul-20	1.36077	103.82552	WS_T1_12	2020	Hylarana erythraea	1	Heard	Targeted	NA
20-Jul-20	1.36072	103.82502	WS_A3_03	2021-	Limnonectes blythii	4	Seen	Point count	NA
20-Jul-20	1.36072	103.82502	WS_A3_03	2021-	Microhyla heymonsi	10	Heard	Point count	NA
20-Jul-20	1.36072	103.82502	WS_A3_03	2021-	Pulchrana baramica	1	Heard	Point count	NA
20-Jul-20	1.36070	103.82511	WS_T1_11	2027	Limnonectes blythii	1	Seen	Targeted	NA
20-Jul-20	1.36070	103.82511	WS_T1_11	2027	Limnonectes blythii	1	Heard	Targeted	NA
20-Jul-20	1.36064	103.82496	WS_T1_11	2031	Bronchocela cristatella	1	Seen	Targeted	NA
20-Jul-20	1.36044	103.82398	WS_A3_02	2039-	Limnonectes blythii	8	Seen	Point count	NA
20-Jul-20	1.36018	103.82390	WS_T1_10	2049	Chalcorana labialis	1	Seen	Targeted	NA
20-Jul-20	1.36035	103.82380	WS_T1_10	2051	Iomys horsfieldii	1	Heard	Incidental	NA
20-Jul-20	1.36035	103.82380	WS_T1_10	2051	Limnonectes blythii	1	Seen	Targeted	NA
20-Jul-20	1.36063	103.82309	WS_T1_09	2100	Iomys horsfieldii	1	Seen	Incidental	Gliding at 10m
20-Jul-20	1.36088	103.82226	WS_A3_01	2108-	Limnonectes blythii	1	Heard	Point count	NA
20-Jul-20	1.36079	103.82212	WS_T1_07	2114	Limnonectes blythii	2	Seen	Targeted	NA
20-Jul-20	1.36085	103.82200	WS_T1_07	2117	Chalcorana labialis	1	Seen	Targeted	NA
20-Jul-20	1.36085	103.82200	WS_T1_07	2117	Dendrelaphis haasi	1	Seen	Targeted	NA
20-Jul-20	1.36053	103.82149	WS_T1_06	2148	Microhyla heymonsi	2	Heard	Targeted	NA
20-Jul-20	1.35948	103.82079	WS_T1_05	2207	Iomys horsfieldii	1	Heard	Incidental	NA
20-Jul-20	1.35914	103.82039	WS_T1_04	2213	Pulchrana laterimaculata	1	Heard	Targeted	NA
20-Jul-20	1.35889	103.82028	WS_T1_04	2220	Iomys horsfieldii	1	Heard	Incidental	NA
20-Jul-20	1.35872	103.81995	WS_T1_04	2223	Tropidolaemus wagleri	1	Seen	Targeted	NA
20-Jul-20	1.35878	103.82003	WS_T1_04	2224	Paradoxurus musangus	1	Seen	Incidental	NA
20-Jul-20	1.35785	103.81959	WS_T1_03	2235	Paradoxurus musangus	1	Seen	Incidental	NA
20-Jul-20	1.35691	103.81877	WS_T1_01	2245	Tropidolaemus wagleri	1	Seen	Targeted	Probably same individual
20-Jul-20	1.35947	103.81991	WS_T1_30	2304	Duttaphrynus melanostictus	1	Seen	Targeted	NA
20-Jul-20	1.35947	103.81991	WS_T1_30	2304	Eleutherodactylus planirostris	10	Seen	Targeted	NA
20-Jul-20	1.35969	103.82017	WS_T1_29	2311	Eleutherodactylus planirostris	12	Seen	Targeted	NA

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
20-Jul-20	1.36044	103.82054	WS_T1_28	2323	Iomys horsfieldii	3	Seen	Incidental	Two at 12m (beside
20-Jul-20	1.36058	103.82055	WS_T1_28	2331	Sus scrofa	1	Seen	Incidental	NA
22-Jul-20	1.36173	103.82683	WS_T1_19	2310	Unidentified_Flying squirrel	1	Seen	Incidental	Height = 15m
28-Jul-20	1.36130	103.82580	NA	1958	Roadkill_Fejervarya limnocharis	1	Seen	Incidental	Road kill
28-Jul-20	1.36148	103.82387	NA	2015	Unidentified_Flying squirrel	1	Heard	Incidental	NA
28-Jul-20	1.36102	103.82397	WS_T1_23	2020	Paradoxurus musangus	1	Seen	Incidental	NA
28-Jul-20	1.36126	103.82129	WS_T1_27	2044	Microhyla heymonsi	2	Heard	Targeted	NA
28-Jul-20	1.36097	103.82280	WS_T1_25	2045	Kaloula pulchra	3	Heard	Targeted	NA
28-Jul-20	1.36097	103.82280	WS_T1_25	2045	Microhyla heymonsi	2	Heard	Targeted	NA
28-Jul-20	1.36091	103.82344	WS_T1_24	2052	Kaloula pulchra	1	Heard	Targeted	NA
28-Jul-20	1.36091	103.82344	WS_T1_24	2052	Microhyla heymonsi	1	Heard	Targeted	NA
28-Jul-20	1.36097	103.82425	WS_T1_23	2101	Microhyla heymonsi	1	Heard	Targeted	NA
28-Jul-20	1.36126	103.82482	WS_T1_22	2105	Pulchrana baramica	1	Heard	Targeted	NA
28-Jul-20	1.36149	103.82530	WS_A2_02	2106 -	Limnonectes blythii	3	Seen	Point count	NA
28-Jul-20	1.36154	103.82514	WS_T1_22	2108	Unidentified_Gekkonidae	1	Heard	Targeted	NA
28-Jul-20	1.36124	103.82515	WS_T1_22	2114	Limnonectes blythii	2	Heard	Targeted	NA
28-Jul-20	1.36124	103.82515	WS_T1_22	2114	Pulchrana baramica	1	Heard	Targeted	NA
28-Jul-20	1.36144	103.82528	WS_T1_22	2115	Unidentified_Flying squirrel	1	Heard	Incidental	NA
28-Jul-20	1.36173	103.82543	WS_T1_22	2118	Microhyla heymonsi	5	Heard	Targeted	NA
28-Jul-20	1.36184	103.82532	WS_T1_21	2119	Tupaia glis	2	Seen	Incidental	NA
28-Jul-20	1.36233	103.82529	WS_A2_01	2119 -	Chalcorana labialis	3	Seen	Point count	Tadpoles
28-Jul-20	1.36233	103.82529	WS_A2_01	2119 -	Chalcorana labialis	2	Seen	Point count	NA
28-Jul-20	1.36233	103.82529	WS_A2_01	2119 -	Microhyla heymonsi	1	Heard	Point count	NA
28-Jul-20	1.36206	103.82560	WS_T1_21	2139	Microhyla mukhlesuri	10	Heard	Targeted	NA
28-Jul-20	1.36206	103.82560	WS_T1_21	2139	Microhyla heymonsi	10	Heard	Targeted	NA
28-Jul-20	1.36220	103.82581	WS_T1_21	2140	Eleutherodactylus planirostris	1	Heard	Targeted	NA
28-Jul-20	1.36244	103.82581	WS_T1_20	2141	Eleutherodactylus planirostris	1	Seen	Targeted	NA
28-Jul-20	1.36213	103.82631	WS_T1_20	2147	Galeopterus variegatus	1	Seen	Incidental	NA
28-Jul-20	1.36264	103.82779	WS_A1_03	2202 -	Eutropis multifasciata	1	Seen	Point count	NA
28-Jul-20	1.36373	103.82782	WS_T1_16	2221	Ahaetulla prasina	1	Seen	Targeted	NA
28-Jul-20	1.36315	103.82777	WS_A1_02	2239 -	Limnonectes blythii	1	Seen	Point count	NA
28-Jul-20	1.36315	103.82777	WS_A1_02	2239 -	Limnonectes blythii	1	Seen	Point count	NA
7-Aug-20	1.36136	103.82359	WS_T1_24	1020	Pericnemis stictica	1	Seen	Incidental	NA
12-Aug-20	1.36128	103.82117	WS_BB_01	1927	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_192714.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1930	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_193003.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_193435.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1947	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_194723.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_195443.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_195531.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1956	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_195646.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1957	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_195731.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1958	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_195800.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1958	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_195833.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1959	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200812_195918.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_195956.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_200128.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_200222.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_200254.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	2009	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200812_200946.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	2023	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200812_202332.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	2031	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200812_203136.wav
12-Aug-20	1.36128	103.82117	WS_BB_01	2038	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200812_203813.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1928	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_192834.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1941	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194156.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1942	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_194206.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1942	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194206.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1943	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194358.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194416.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194436.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1946	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194614.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1950	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195018.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	1950	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195022.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2004	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_200445.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200445.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2006	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200621.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2010	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201014.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2011	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201111.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2017	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201733.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2016	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201615.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2018	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201828.wav
24-Aug-20	1.36147	103.82269	WS_BB_03	2023	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_202325.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1926	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_192620.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1926	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_192657.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1928	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_192813.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1936	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_193621.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1937	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_193745.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1938	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_193817.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1938	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_193839.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1939	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_193920.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1939	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_193935.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1940	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_194044.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1947	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_194730.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2027	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_202716.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2054	Rhinolophus lepidus	NA	Acoustic	Acoustic	20200824_205449.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1845	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_184549.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1930	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193022.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1930	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193036.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1930	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193042.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1930	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193046.wav

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
24-Aug-20	1.36145	103.82236	WS_BB_02	1931	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193142.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1931	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193150.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193201.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193208.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193222.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193233.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193237.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193257.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1933	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193333.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1933	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193349.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1933	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193359.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193404.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193413.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193428.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193434.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193437.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193452.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193500.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193508.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193539.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1937	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193729.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1937	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193734.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1937	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193739.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1938	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193813.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1938	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_193817.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1940	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_194015.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1943	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_194343.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2024	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_202443.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2053	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205302.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2053	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205332.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2053	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205337.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2053	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205351.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2053	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205358.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2054	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205415.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2054	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205427.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2057	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205729.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2058	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205847.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2059	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205901.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2059	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205911.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2059	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_205927.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2100	Saccolaimus saccolaimus	NA	Acoustic	Acoustic	20200824_210000.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1920	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192020.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1922	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192229.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1926	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192636.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1926	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192657.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1927	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192709.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1927	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192721.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1928	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192829.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1929	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192911.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1929	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192931.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1929	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_192945.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1930	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193007.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1930	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193036.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1930	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193057.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1931	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193119.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193201.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193237.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1932	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193257.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1933	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193311.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1933	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193333.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1933	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193349.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193413.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193428.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193434.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193437.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1934	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193452.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193500.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193508.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193520.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193530.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193539.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1935	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193550.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1936	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193605.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1936	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193621.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1936	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193648.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1937	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193707.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1937	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193719.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1937	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193729.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1937	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193745.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1938	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193800.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1938	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193813.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1938	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193817.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1938	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193839.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1939	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_193908.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1940	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194010.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1940	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194020.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1940	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194029.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1940	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194044.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1941	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194107.wav

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
24-Aug-20	1.36145	103.82236	WS_BB_02	1941	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194126.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1941	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194135.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1942	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194215.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1942	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194232.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1942	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194256.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1943	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194302.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1943	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194314.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1943	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194330.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1943	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194343.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194402.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194420.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194437.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194443.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1944	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194454.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1945	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194506.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1945	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194533.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1945	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194544.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1945	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194548.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1945	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194555.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1946	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194603.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1946	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194614.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1946	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194630.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1946	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194640.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1946	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194650.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1947	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194702.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1947	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194707.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1947	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194722.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1947	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194730.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1947	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194748.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1948	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194811.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1948	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194841.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1948	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194851.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194902.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194905.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194927.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194943.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1949	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_194954.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1950	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195010.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1950	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195021.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1950	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195032.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1950	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195039.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1950	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195049.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1950	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195058.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195110.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195116.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195120.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195134.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195148.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1951	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195152.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1952	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195218.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1952	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195233.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1952	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195248.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195304.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195311.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195326.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195338.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1953	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195349.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195401.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195420.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195448.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1954	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195456.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195510.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195522.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1955	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195543.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1956	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195603.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1956	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195618.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1956	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195638.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1956	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195651.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1957	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195721.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1957	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195746.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1958	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195801.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1958	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195806.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1958	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195852.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195907.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	1959	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_195934.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2000	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200051.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200106.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200121.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200133.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200147.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2001	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200159.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200212.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200226.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200231.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2002	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200251.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2003	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200320.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2003	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200324.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2003	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200342.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2003	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200354.wav

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
24-Aug-20	1.36145	103.82236	WS_BB_02	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200422.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200436.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200445.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2004	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200456.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2005	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200506.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2005	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200522.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2005	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200539.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2005	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200554.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2006	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200619.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2006	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200634.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2006	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200638.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2008	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200804.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2008	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200820.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2008	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200846.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2009	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200907.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2009	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_200947.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2010	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201045.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2011	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201131.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2012	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201213.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2012	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201232.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2014	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201406.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2014	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201420.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2015	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201503.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2015	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201522.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2015	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201532.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2016	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201600.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2016	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201641.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2017	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201715.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2017	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201735.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2018	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201812.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2018	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201847.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2019	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201910.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2019	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201928.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2019	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_201952.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2020	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_202037.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2021	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_202102.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2022	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_202214.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2022	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_202242.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2026	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_202655.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2033	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203349.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2036	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203623.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2036	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203633.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2037	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203706.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2037	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203725.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2037	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203751.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2038	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203817.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2039	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203905.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2039	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203917.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2039	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_203948.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2040	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204002.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2040	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204022.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2040	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204038.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2042	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204241.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204305.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204317.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204327.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204343.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2043	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204354.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2044	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204432.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2044	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204459.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2045	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204515.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2046	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204657.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2047	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204751.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2048	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204808.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2048	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204823.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2048	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_204855.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2050	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205050.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2052	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205203.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2052	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205224.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2052	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205238.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2052	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205248.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2054	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205415.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2054	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205427.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2054	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205455.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2055	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205515.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2056	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205650.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2057	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205704.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2057	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205714.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2058	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205847.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2059	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205911.wav
24-Aug-20	1.36145	103.82236	WS_BB_02	2059	Scotophilus kuhlii	NA	Acoustic	Acoustic	20200824_205917.wav
18-Jun-20	1.36010	103.82045	WS_T1_29	950	Arachnothera longirostra	1	Seen	Incidental	Seen at 0950 h
18-Jun-20	1.36024	103.82052	WS_T1_29	937	Chrysophlegma miniaceum	-	Heard	Incidental	Heard at 0937 h
18-Jun-20	1.35967	103.82045	WS_T1_29	1048	Dicaeum trigonostigma	-	Heard	Incidental	Heard at 1048 h
18-Jun-20	1.35933	103.82011	WS_T1_30	1037	Draco sumatranus	1	Seen	Incidental	Seen at 1037 h on
18-Jun-20	1.35990	103.82036	WS_T1_29	1010	Macaca fascicularis	A few	Seen	Incidental	Seen at 1010 h; a few
7-Jul-20	1.36231	103.82518	WS_T1_21	950	cf. Coeliccia octogesima	1	Seen	Incidental	seen 0950h
30-Jun-20	1.36151	103.82356	NA	1040	Galeopterus variegatus	1	Seen	Incidental	10:40 h: spotted at height
30-Jun-20	1.36108	103.82277	WS_T1_25	910	Orthotomus sericeus	-	Heard	Incidental	0910 h: heard

Date	Latitude	Longitude	Sampling point	Time (24h)	Scientific name	Quantity	Observation type	Survey method	Remarks
30-Jun-20	1.36093	103.82357	WS_T1_24	1000	Tyriobapta torrida	3	Seen	Incidental	1000 h: spotted; 3
1-Jul-20	1.36126	103.82372	WS_T1_24	920	Tyriobapta torrida	2	Seen	Incidental	0920 h: spotted 2
7-Jul-20	1.36127	103.82660	NA	1140	cf. Pericnemis stictica	1	Seen	Incidental	5-6cm length, seen at
7-Jul-20	1.36127	103.82660	NA	1140	Mycalesis perseus	1	Seen	Incidental	Seen at 1140
15-Jun-20	1.36226	103.82507	WS_T1_21	1038	Coeliccia octogesima	1	Seen	Incidental	1038 h. Seen.
17-Jun-20	1.35982	103.82025	WS_T1_29	925	Aethopyga siparaja	-	Heard	Incidental	Heard at 9.25am
17-Jun-20	1.35928	103.81978	WS_T1_30	915	Arachnothera longirostra	1	Seen	Incidental	Seen at 9.15am
17-Jun-20	1.36040	103.82052	WS_T1_28	1000	Galeopterus variegatus	1	Seen	Incidental	rufous, at height 3-4m
17-Jun-20	1.35903	103.81978	WS_T1_30	840	Trithemis festiva	1	Seen	Incidental	Seen at 8.40am around a
25-Jun-20	1.36119	103.82075	WS_T1_27	-	Beehive	-	Seen	Incidental	On 0.9m girth Ilex
29-Jun-20	1.36129	103.82206	WS_T1_26	-	Animal burrow	-	Seen	Incidental	Possible animal burrow
29-Jun-20	1.36139	103.82192	WS_T1_26	1000	Galeopterus variegatus	1	Seen	Incidental	6m height, rufous morph,
29-Jun-20	1.35988	103.82054	WS_T1_29	915	Sundasciurus tenuis	1	Seen	Incidental	0915 on road with piece
29-Jun-20	1.36107	103.82343	WS_T1_24	1245	Tyriobapta torrida	3	Seen	Incidental	1245 h, 1 male 2
30-Jun-20	1.36093	103.82357	WS_T1_24	1000	Agrionoptera insignis	1	Seen	Incidental	10:00 h: spotted
30-Jun-20	1.36124	103.82455	WS_T1_23	1233	Rallina fasciata	-	Heard	Incidental	1233 h: Heard, didnÔøΩt
30-Jun-20	1.35991	103.82067	WS_T1_05	840	Sundasciurus tenuis	1	Seen	Incidental	Seen at 0840h inside
1-Jul-20	1.36142	103.82380	NA	1010	Macaca fascicularis	One	Seen	Incidental	1010 h: Spotted 1 troop
1-Jul-20	1.36104	103.82386	WS_T1_24	955	Tyriobapta torrida	1	Seen	Incidental	0955 h: spotted 1 female
25-Jun-20	NA	NA	WS_A1_01	0040	Unidentified Insect bat	3	Seen	Incidental	NA
30-Jun-20	NA	NA	NA	0835	*Junonia almana javana*	1	Seen	Incidental	0835 h, along island club
30-Jun-20	NA	NA	NA	0839	*Trithemis festiva*	1	Seen	Incidental	0839 h, along island club

Bamboo cluster	Latitude	Longitude	Bamboo spevcies	Height (m)	Spread (m)	Presence of slits	Active slit internode girth (cm)	Active slit internode length (cm)	Active slit length / width (cm)	Active slit height from ground (m)	Estimated no. of individuals	Observations of bamboo bats	Priority classification (1 - bamboo bat roosting confirmed, 2 - bamboo bat recorded but roosting not confirmed, 3 - bamboo bat not recorded but potential roosting site)	Remarks
WS_BB_01	1.36128	103.82117	*Bambusa multiplex*	7	2	Yes	N.A	N.A	N.A	N.A	N.A	N.A	3	
WS_BB_02	1.36145	103.82236	*Bambusa vulgaris*	12	3	Yes	N.A	N.A	N.A	N.A	N.A	N.A	3	
WS_BB_03	1.36147	103.82269	*Bambusa vulgaris*	12	3	Yes	N.A	N.A	N.A	N.A	N.A	N.A	3	

Type	Sampling Point	Latitude	Longitude	Sampling Da	Time Open (	Retrieval Da	Time Close	Remarks
Butterfly Trap	WS_BF_01	1.36185	103.82673	5-Jul-20	915	6-Jul-20	830	Banana Bait. Moth.
Butterfly Trap	WS_BF_02	1.36185	103.82673	5-Jul-20	915	6-Jul-20	830	Prawn Bait. No catch.
Butterfly Trap	WS_BF_03	1.36145	103.82340	6-Jul-20	940	7-Jul-20	1030	Banana Bait.
Butterfly Trap	WS_BF_04	1.36145	103.82340	6-Jul-20	940	7-Jul-20	1030	Prawn Bait. No catch.

Date	Sampling Point	Latitude	Longitude	AM/PM	Time	Min.Light (lux)	Max.Light (lux)	Avg.Light (lux)	Min.Humidity (rH)	Max.Humidity (rH)	Avg.Humidity (rH)	Temperature (°C)
17-Jun-20	WS_LTH_1503	1.36178	103.82465	AM	0818	232.0	240.0	236.0	89.6	89.7	89.7	30.1
17-Jun-20	WS_LTH_1003	1.36161	103.82426	AM	0825	3140.0	3260.0	3200.0	83.3	83.6	83.5	30.4
17-Jun-20	WS_LTH_503	1.36143	103.82390	AM	0834	745.0	760.0	752.5	84.1	84.4	84.3	30.7
17-Jun-20	WS_LTH_03	1.36136	103.82359	AM	0841	1127.0	1280.0	1203.5	83.2	83.9	83.6	30.5
17-Jun-20	WS_LTH_02	1.36094	103.82360	AM	0855	2140.0	2220.0	2180.0	86.1	86.4	86.3	30.8
17-Jun-20	WS_LTH_01	1.36107	103.82103	AM	0911	1100.0	1165.0	1132.5	86.5	87.7	87.1	30.8
17-Jun-20	WS_LTH_04	1.35977	103.82032	AM	0924	1976.0	1989.0	1982.5	84.7	85.1	84.9	31.1
17-Jun-20	WS_LTH_504	1.35930	103.82027	AM	0932	15240.0	17050.0	16145.0	75.9	76.2	76.1	31.9
17-Jun-20	WS_LTH_1004	1.35973	103.82221	AM	0952	1147.0	1160.0	1153.5	83.6	83.9	83.8	30.4
17-Jun-20	WS_LTH_501	1.36051	103.82138	AM	1003	1257.0	1332.0	1294.5	83.5	83.7	83.6	30.3
17-Jun-20	WS_LTH_1501	1.35993	103.82188	AM	1024	1036.0	1065.0	1050.5	82.3	83.3	82.8	30.7
17-Jun-20	WS_LTH_1504	1.35821	103.82015	AM	1108	391.0	397.0	394.0	87.8	91.5	89.7	29.0
14-Jul-20	WS_LTH_02	1.36094	103.82360	PM	2125	2.0	3.0	2.5	82.1	83.5	82.8	28.9
14-Jul-20	WS_LTH_03	1.36136	103.82359	PM	2135	0.0	0.0	0.0	83.3	83.6	83.5	28.1
14-Jul-20	WS_LTH_1003	1.36161	103.82426	PM	2147	0.0	0.0	0.0	89.5	89.9	89.7	28.3
14-Jul-20	WS_LTH_503	1.36143	103.82390	PM	2149	0.0	0.0	0.0	88.7	89.4	89.1	28.4
14-Jul-20	WS_LTH_1503	1.36178	103.82465	PM	2200	0.0	0.0	0.0	87.2	87.4	87.3	29.8
14-Jul-20	WS_LTH_04	1.35977	103.82032	PM	2242	0.0	0.0	0.0	91.1	91.3	91.2	28.9
14-Jul-20	WS_LTH_504	1.35930	103.82027	PM	2247	13.0	14.0	13.5	85.2	86.8	86.0	28.5
14-Jul-20	WS_LTH_01	1.36107	103.82103	PM	2253	0.0	0.0	0.0	85.9	86.1	86.0	27.8
14-Jul-20	WS_LTH_1004	1.35973	103.82221	PM	2325	0.0	0.0	0.0	91.7	91.8	91.8	29.2
14-Jul-20	WS_LTH_501	1.36051	103.82138	PM	2341	0.0	0.0	0.0	87.7	88.5	88.1	29.0
14-Jul-20	WS_LTH_502	1.36000	103.82447	PM	0009	0.0	0.0	0.0	81.0	81.4	81.2	29.8
20-Jul-20	WS_LTH_501	1.36051	103.82138	PM	2148	0.0	0.0	0.0	85.2	87.1	86.2	30.3
20-Jul-20	WS_LTH_502	1.36000	103.82447	PM	2155	0.0	0.0	0.0	82.2	82.7	82.5	29.9
20-Jul-20	WS_LTH_1004	1.35973	103.82221	PM	2217	0.0	0.0	0.0	78.3	78.6	78.5	30.0
20-Jul-20	WS_LTH_504	1.35930	103.82027	PM	2256	0.0	0.0	0.0	78.6	79.8	79.2	29.4
20-Jul-20	WS_LTH_04	1.35977	103.82032	PM	2311	0.0	0.0	0.0	78.6	79.9	79.3	29.8
20-Jul-20	WS_LTH_01	1.36107	103.82103	PM	2338	0.0	0.0	0.0	80.2	81.3	80.8	29.1
28-Jul-20	WS_LTH_1503	1.36178	103.82465	PM	1949	0.0	0.0	0.0	81.4	83.2	82.3	29.5
28-Jul-20	WS_LTH_1003	1.36161	103.82426	PM	2005	0.0	0.0	0.0	86.5	86.5	86.5	29.2
28-Jul-20	WS_LTH_503	1.36143	103.82390	PM	2015	0.0	0.0	0.0	82.2	82.6	82.4	29.2
28-Jul-20	WS_LTH_02	1.36094	103.82360	PM	2022	0.0	0.0	0.0	84.8	84.4	84.6	29.5
28-Jul-20	WS_LTH_03	1.36136	103.82359	PM	2028	0.0	0.0	0.0	82.7	82.8	82.8	29.4
7-Aug-20	WS_LTH_502	1.36000	103.82447	AM	0820	205.0	215.0	210.0	83.5	84.1	83.8	28.9
7-Aug-20	WS_LTH_501	1.36051	103.82138	AM	0826	163.0	187.0	175.0	83.8	84.4	84.1	28.9
7-Aug-20	WS_LTH_1504	1.35821	103.82015	AM	0856	211.0	218.0	214.5	84.7	85.1	84.9	29.9
7-Aug-20	WS_LTH_1004	1.35973	103.82221	AM	0914	1706.0	1776.0	1741.0	76.9	79.9	78.4	30.7
7-Aug-20	WS_LTH_1003	1.36161	103.82426	AM	0949	1305.0	1398.0	1351.5	78.0	79.2	78.6	31.0
7-Aug-20	WS_LTH_1503	1.36178	103.82465	AM	0957	2270.0	2470.0	2370.0	72.6	73.4	73.0	32.5
7-Aug-20	WS_LTH_503	1.36143	103.82390	AM	1004	1003.0	1103.0	1053.0	74.7	75.9	75.3	32.3
7-Aug-20	WS_LTH_02	1.36094	103.82360	AM	1009	3060.0	3340.0	3200.0	70.3	71.0	70.7	32.5

Date	Sampling Point	Latitude	Longitude	AM/PM	Time	Min.Light (lux)	Max.Light (lux)	Avg.Light (lux)	Min.Humidity (rH)	Max.Humidity (rH)	Avg.Humidity (rH)	Temperature (°C)
7-Aug-20	WS_LTH_03	1.36136	103.82359	AM	1017	1180.0	1255.0	1217.5	74.6	76.0	75.3	32.4
18-Aug-20	WS_LTH_04	1.35977	103.82032	AM	0930	544.0	610.0	577.0	85.6	86.8	86.2	28.9
20-Aug-20	WS_LTH_01	1.36107	103.82103	AM	1038	8100.0	8410.0	8255.0	71.7	72.6	72.2	30.7
20-Aug-20	WS_LTH_504	1.35930	103.82027	AM	1045	7120.0	7510.0	7315.0	71.6	72.6	72.1	31.5

Sampling Point	Type	Latitude	Longitude
WS_A1_01	Aquatic	1.36368	103.82781
WS_A1_02	Aquatic	1.36315	103.82777
WS_A1_03	Aquatic	1.36264	103.82779
WS_A2_01	Aquatic	1.36233	103.82529
WS_A2_02	Aquatic	1.36149	103.82530
WS_A3_01	Aquatic	1.36088	103.82226
WS_A3_02	Aquatic	1.36044	103.82398
WS_A3_03	Aquatic	1.36072	103.82502
WS_A3_04	Aquatic	1.36065	103.82592
WS_A3_05	Aquatic	1.36005	103.82674
WS_BB_01	Bamboo	1.36128	103.82117
WS_BB_02	Bamboo	1.36145	103.82236
WS_BB_03	Bamboo	1.36147	103.82269
WS_BF_01	Butterfly Trap	1.36185	103.82673
WS_BF_02	Butterfly Trap	1.36185	103.82673
WS_BF_03	Butterfly Trap	1.36145	103.82340
WS_BF_04	Butterfly Trap	1.36145	103.82340
WS_LTH_01	LTH	1.36107	103.82103
WS_LTH_02	LTH	1.36094	103.82360
WS_LTH_03	LTH	1.36136	103.82359
WS_LTH_04	LTH	1.35977	103.82032
WS_LTH_1003	LTH	1.36161	103.82426
WS_LTH_1004	LTH	1.35973	103.82221
WS_LTH_1501	LTH	1.35993	103.82188
WS_LTH_1503	LTH	1.36178	103.82465
WS_LTH_1504	LTH	1.35821	103.82015
WS_LTH_501	LTH	1.36051	103.82138
WS_LTH_502	LTH	1.36000	103.82447
WS_LTH_503	LTH	1.36143	103.82390
WS_LTH_504	LTH	1.35930	103.82027
WS_T1_01	Terrestrial	1.35720	103.81888
WS_T1_02	Terrestrial	1.35741	103.81933
WS_T1_03	Terrestrial	1.35824	103.81967
WS_T1_04	Terrestrial	1.35890	103.82020
WS_T1_05	Terrestrial	1.35958	103.82076
WS_T1_06	Terrestrial	1.36025	103.82135
WS_T1_07	Terrestrial	1.36074	103.82193
WS_T1_08	Terrestrial	1.36073	103.82277
WS_T1_09	Terrestrial	1.36047	103.82332
WS_T1_10	Terrestrial	1.36051	103.82420
WS_T1_11	Terrestrial	1.36065	103.82484
WS_T1_12	Terrestrial	1.36077	103.82562
WS_T1_13	Terrestrial	1.36018	103.82627
WS_T1_14	Terrestrial	1.36018	103.82693
WS_T1_15	Terrestrial	1.36079	103.82705
WS_T1_16	Terrestrial	1.36380	103.82751
WS_T1_17	Terrestrial	1.36324	103.82717
WS_T1_18	Terrestrial	1.36261	103.82739
WS_T1_19	Terrestrial	1.36207	103.82683
WS_T1_20	Terrestrial	1.36233	103.82629
WS_T1_21	Terrestrial	1.36217	103.82535
WS_T1_22	Terrestrial	1.36142	103.82520
WS_T1_23	Terrestrial	1.36106	103.82438
WS_T1_24	Terrestrial	1.36094	103.82351
WS_T1_25	Terrestrial	1.36104	103.82262
WS_T1_26	Terrestrial	1.36114	103.82189
WS_T1_27	Terrestrial	1.36120	103.82109
WS_T1_28	Terrestrial	1.36065	103.82070
WS_T1_29	Terrestrial	1.35992	103.82029
WS_T1_30	Terrestrial	1.35931	103.81979

Date	Activity	Sampling location	Direction	Time in	Time out	Weather
17-Jan-20	AM - bird, herp, mammal	WS_T1	Forward	734	951	Fair
1-Feb-20	AM - butterflies	WS_T1	Forward	911	1119	Fair
5-Feb-20	AM - bees, odonates	WS_T1	Forward	1306	1521	Fair
24-Feb-20	AM - bird, herp, mammal	WS_T1	Reverse	727	946	Fair
2-Mar-20	AM - butterflies, odonates	WS_T1	Reverse	855	1112	Fair
3-Jun-20	AM - bird, herp, mammal	WS_T1	Forward	733	941	Fair
3-Jun-20	AM - roadkill survey	Island Club Road	NA	0815	1030	Fair
5-Jun-20	AM - roadkill survey	Island Club Road	NA	0830	1030	Fair
15-Jun-20	AM - roadkill survey	Island Club Road	NA	0830	0930	Fair
16-Jun-20	PM - bird, mammal, fish	WS_T1	Forward	2000	0100	Fair
16-Jun-20	AM - roadkill survey	Island Club Road	NA	0830	0900	Fair
17-Jun-20	AM - roadkill survey	Island Club Road	NA	0830	0900	Fair
17-Jun-20	AM - LTH	NA	1	N.A	N.A	Partly cloudy
18-Jun-20	AM - aquatic (odonate, fish), butterflies, odonates, bees	WS_T1, WS_A1, WS_A2, WS_A3	Forward	0823	1155	Fair
18-Jun-20	AM - roadkill survey	Island Club Road	NA	0830	0900	Fair
25-Jun-20	AM - odonate	WS_T1	Reverse	910	1205	Fair
25-Jun-20	AM - odonate, fish	WS_A1	NA	910	1205	Fair
25-Jun-20	PM - mammal, birds	WS_T1	Reverse	1947	0108	Fair
25-Jun-20	PM - fish	WS_A1	NA	1947	0108	Fair
25-Jun-20	PM - mammal, birds	WS_T1	Forward	2000	0010	Fair
25-Jun-20	PM - fish	WS_A1	NA	1945	0010	Fair
25-Jun-20	AM - roadkill survey	Island Club Road	NA	0820	0845	Fair
27-Jun-20	AM - butterflies	WS_T1	Reverse	0900	1030	Partly cloudy till rain
29-Jun-20	AM - roadkill survey	Island Club Road	NA	0900	0930	Fair
29-Jun-20	AM - roadkill survey	Island Club Road	NA	1100	1200	Fair
30-Jun-20	AM - roadkill survey	Island Club Road	NA	0830	0845	Fair
1-Jul-20	AM - roadkill survey	Island Club Road (SICC guardhouse > Upper Thomson Road)	NA	0750	0830	Fair
5-Jul-20	AM - butterflies	WS_T1	Reverse	0900	0945	Fair
6-Jul-20	AM - bird, mammal	WS_T1	Reverse	0800	0930	Fair
6-Jul-20	AM - butterflies	WS_T1	Forward	0908	1010	Fair
6-Jul-20	AM - roadkill survey	Island Club Road	NA	0800	0930	Fair
7-Jul-20	AM - aquatic, herp	WS_T1, WS_A1	Forward	0719	1051	Fair
7-Jul-20	AM - roadkill survey	Island Club Road	NA	0815	0914	Fair
13-Jul-20	AM - aquatic, herp	WS_T1, WS_A1, WS_A2, WS_A3	Reverse	0730	1014	Fair till cloudy
13-Jul-20	AM - roadkill survey	Island Club Road	NA	0825	0930	Fair
14-Jul-20	PM - herp	WS_T1, WS_A1, WS_A2, WS_A3	Forward	1945	0055	Fair
14-Jul-20	PM - LTH	NA	1	N.A	N.A	Fair
15-Jul-20	AM - roadkill survey	Island Club Road	NA	0845	1115	Fair
20-Jul-20	PM - herp	WS_T1, WS_A3	Reverse	0755	1140	Fair
20-Jul-20	PM - LTH	NA	2	N.A	N.A	Fair
22-Jul-20	PM - moth	WS_MT_01	NA	1830	1120	Fair
28-Jul-20	PM- herp	WS_T1	Reverse	2040	2245	Light rain before and after
28-Jul-20	AM - roadkill survey	Island Club Road	NA	0810	0820	Fair
28-Jul-20	PM - LTH	NA	2	N.A	N.A	Post-rain
7-Aug-20	AM - LTH	NA	2	N.A	N.A	Fair; sunny
12-Aug-20	PM - bamboo bats roost emergence	WS_BB_01	NA	1830	2100	Fair
14-Aug-20	AM - roadkill survey	Island Club Road	NA	0810	0820	Fair

Date	Activity	Sampling location	Direction	Time in	Time out	Weather
18-Aug-20	AM - roadkill survey	Island Club Road	NA	0820	0830	Fair
18-Aug-20	AM - LTH	NA	2	N.A	N.A	Fair
20-Aug-20	AM - LTH	NA	2	N.A	N.A	Fair
24-Aug-20	PM - bamboo bats roost emergence	WS_BB_02_03	NA	1840	2100	Fair
15-Sep-20	AM - roadkill survey	Island Club Road	NA	0826	0830	Fair

Appendix J1

Camera Trap Log and Data for Eng Neo Avenue Forest

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_01	2/13/2020	IMG_0007.AVI	2/3/2020 19:25	2/3/2020	19:25:42	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_01	2/13/2020	IMG_0004.AVI	2/14/2020 19:34	2/14/2020	19:34:38	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_01	2/13/2020	IMG_0006.AVI	2/16/2020 4:20	2/16/2020	4:20:44	Mammal	Rattus sp.	1	
ENW_CT_01	2/13/2020	IMG_0008.AVI	2/19/2020 5:35	2/19/2020	5:35:18	Mammal	Rattus sp.	1	
ENW_CT_01	2/13/2020	IMG_0009.AVI	2/20/2020 18:16	2/20/2020	18:16:30	Mammal	Sus scrofa	1	
ENW_CT_01	2/13/2020	IMG_0011.AVI	2/24/2020 1:14	2/24/2020	1:14:36	Mammal	Rattus sp.	1	
ENW_CT_01	2/13/2020	IMG_0012.AVI	2/25/2020 17:46	2/25/2020	17:46:52	Mammal	Tupaia glis	1	
ENW_CT_01	2/13/2020	IMG_0013.AVI	2/26/2020 4:03	2/26/2020	4:03:18	Mammal	Rattus sp.	1	
ENW_CT_01	2/13/2020	IMG_0015.AVI	2/27/2020 3:33	2/27/2020	3:33:32	Mammal	Rattus sp.	1	
ENW_CT_01	3/2/2020	IMG_0007.AVI	2/16/2020 15:14	2/16/2020	15:14:00	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_01	3/2/2020	IMG_0016.AVI	2/28/2020 11:08	2/28/2020	11:08:24	Reptile	Varanus nebulosus	1	
ENW_CT_01	4/5/2020	IMG_0005.AVI	3/3/2020 23:55	3/3/2020	23:55:44	Mammal	Rattus sp.	1	
ENW_CT_01	4/5/2020	IMG_0006.AVI	3/4/2020 9:54	3/4/2020	9:54:18	Bird	Gallus gallus	1	
ENW_CT_01	4/5/2020	IMG_0008.AVI	3/7/2020 19:09	3/7/2020	19:09:06	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_01	4/5/2020	IMG_0009.AVI	3/8/2020 6:53	3/8/2020	6:53:34	NA	Unidentified sp.	1	
ENW_CT_01	4/5/2020	IMG_0010.AVI	3/10/2020 11:17	3/10/2020	11:17:58	Reptile	Varanus sp.	1	
ENW_CT_01	4/5/2020	IMG_0011.AVI	3/10/2020 22:39	3/10/2020	22:39:18	Mammal	Rattus sp.	1	
ENW_CT_01	4/5/2020	IMG_0020.AVI	3/19/2020 22:13	3/19/2020	22:13:50	Mammal	Manis javanica	1	
ENW_CT_01	4/5/2020	IMG_0021.AVI	3/21/2020 18:18	3/21/2020	18:18:16	Mammal	Tupaia glis	1	
ENW_CT_01	4/5/2020	IMG_0022.AVI	3/22/2020 21:41	3/22/2020	21:41:18	Mammal	Rattus sp.	1	
ENW_CT_01	4/5/2020	IMG_0023.AVI	3/24/2020 7:13	3/24/2020	7:13:32	Mammal	Tupaia glis	1	
ENW_CT_01	4/5/2020	IMG_0024.AVI	3/25/2020 11:45	3/25/2020	11:45:52	Reptile	Varanus sp.	1	
ENW_CT_01	4/5/2020	IMG_0025.AVI	3/25/2020 11:47	3/25/2020	11:47:18	Reptile	Varanus sp.	1	
ENW_CT_01	4/5/2020	IMG_0026.AVI	3/26/2020 8:33	3/26/2020	8:33:20	Mammal	Tupaia glis	1	
ENW_CT_01	4/5/2020	IMG_0027.AVI	3/26/2020 11:46	3/26/2020	11:46:46	Reptile	Varanus sp.	1	
ENW_CT_01	4/5/2020	IMG_0028.AVI	3/26/2020 11:47	3/26/2020	11:47:10	Reptile	Varanus nebulosus	1	
ENW_CT_01	4/5/2020	IMG_0029.AVI	3/30/2020 16:11	3/30/2020	16:11:42	Mammal	Callosciurus notatus	1	
ENW_CT_01	4/5/2020	IMG_0030.AVI	3/30/2020 16:49	3/30/2020	16:49:22	Mammal	Callosciurus notatus	1	
ENW_CT_01	4/5/2020	IMG_0031.AVI	3/30/2020 16:50	3/30/2020	16:50:12	Mammal	Callosciurus notatus	1	
ENW_CT_01	4/5/2020	IMG_0034.AVI	4/4/2020 12:40	4/4/2020	12:40:42	Mammal	Callosciurus notatus	1	
ENW_CT_02	2/13/2020	IMG_0008.AVI	2/4/2020 7:41	2/4/2020	7:41:26	Mammal	Tupaia glis	1	
ENW_CT_02	2/13/2020	IMG_0009.AVI	2/4/2020 7:53	2/4/2020	7:53:32	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0010.AVI	2/4/2020 7:54	2/4/2020	7:54:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0011.AVI	2/4/2020 9:40	2/4/2020	9:40:54	Bird	Acridotheres javanicus	1	
ENW_CT_02	2/13/2020	IMG_0013.AVI	2/4/2020 18:14	2/4/2020	18:14:14	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	2/13/2020	IMG_0015.AVI	2/4/2020 19:44	2/4/2020	19:44:56	Mammal	Rattus sp.	1	
ENW_CT_02	2/13/2020	IMG_0016.AVI	2/4/2020 21:08	2/4/2020	21:08:22	Mammal	Rattus sp.	1	
ENW_CT_02	2/13/2020	IMG_0017.AVI	2/5/2020 0:56	2/5/2020	0:56:42	Mammal	Unidentified mammal	1	
ENW_CT_02	2/13/2020	IMG_0018.AVI	2/5/2020 0:57	2/5/2020	0:57:16	Mammal	Rattus sp.	1	
ENW_CT_02	2/13/2020	IMG_0019.AVI	2/5/2020 0:57	2/5/2020	0:57:46	Mammal	Rattus sp.	1	
ENW_CT_02	2/13/2020	IMG_0020.AVI	2/5/2020 7:39	2/5/2020	7:39:00	Bird	Gallus gallus	1	
ENW_CT_02	2/13/2020	IMG_0021.AVI	2/5/2020 9:59	2/5/2020	9:59:28	Bird	Gallus gallus	1	
ENW_CT_02	2/13/2020	IMG_0025.AVI	2/5/2020 14:17	2/5/2020	14:17:36	Bird	Chalcophaps indica	1	
ENW_CT_02	2/13/2020	IMG_0028.AVI	2/5/2020 19:03	2/5/2020	19:03:46	Mammal	Tupaia glis	1	Foraging
ENW_CT_02	2/13/2020	IMG_0030.AVI	2/6/2020 10:11	2/6/2020	10:11:04	Bird	Chalcophaps indica	1	
ENW_CT_02	2/13/2020	IMG_0031.AVI	2/6/2020 11:43	2/6/2020	11:43:04	Bird	Acridotheres javanicus	1	
ENW_CT_02	2/13/2020	IMG_0032.AVI	2/6/2020 11:43	2/6/2020	11:43:26	Bird	Acridotheres javanicus	1	
ENW_CT_02	2/13/2020	IMG_0033.AVI	2/6/2020 12:32	2/6/2020	12:32:40	Bird	Rallina fasciata	1	
ENW_CT_02	2/13/2020	IMG_0034.AVI	2/6/2020 12:33	2/6/2020	12:33:04	Bird	Rallina fasciata	1	
ENW_CT_02	2/13/2020	IMG_0035.AVI	2/6/2020 13:17	2/6/2020	13:17:14	Bird	Rallina fasciata	1	
ENW_CT_02	2/13/2020	IMG_0036.AVI	2/6/2020 15:14	2/6/2020	15:14:30	Bird	Rallina fasciata	1	
ENW_CT_02	2/13/2020	IMG_0037.AVI	2/6/2020 15:18	2/6/2020	15:18:32	Mammal	Tupaia glis	1	
ENW_CT_02	2/13/2020	IMG_0038.AVI	2/6/2020 15:28	2/6/2020	15:28:26	Bird	Rallina fasciata	1	
ENW_CT_02	2/13/2020	IMG_0039.AVI	2/6/2020 15:31	2/6/2020	15:31:36	Mammal	Tupaia glis	1	
ENW_CT_02	2/13/2020	IMG_0040.AVI	2/7/2020 7:20	2/7/2020	7:20:42	Bird	Gallus gallus	1	
ENW_CT_02	2/13/2020	IMG_0041.AVI	2/7/2020 9:47	2/7/2020	9:47:52	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	2/13/2020	IMG_0042.AVI	2/7/2020 11:24	2/7/2020	11:24:28	Mammal	Callosciurus notatus	1	
ENW_CT_02	2/13/2020	IMG_0043.AVI	2/7/2020 11:25	2/7/2020	11:25:24	Mammal	Callosciurus notatus	1	
ENW_CT_02	2/13/2020	IMG_0044.AVI	2/7/2020 12:20	2/7/2020	12:20:26	Mammal	Callosciurus notatus	2	
ENW_CT_02	2/13/2020	IMG_0045.AVI	2/7/2020 12:47	2/7/2020	12:47:10	Mammal	Tupaia glis	1	
ENW_CT_02	2/13/2020	IMG_0046.AVI	2/8/2020 9:28	2/8/2020	9:28:08	Mammal	Tupaia glis	1	
ENW_CT_02	2/13/2020	IMG_0048.AVI	2/9/2020 9:32	2/9/2020	9:32:56	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0049.AVI	2/9/2020 9:33	2/9/2020	9:33:18	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0050.AVI	2/9/2020 9:33	2/9/2020	9:33:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0051.AVI	2/9/2020 11:16	2/9/2020	11:16:58	Bird	Chalcophaps indica	1	
ENW_CT_02	2/13/2020	IMG_0052.AVI	2/9/2020 19:08	2/9/2020	19:08:40	Mammal	Tupaia glis	1	
ENW_CT_02	2/13/2020	IMG_0055.AVI	2/10/2020 9:00	2/10/2020	9:00:34	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0056.AVI	2/10/2020 9:00	2/10/2020	9:00:56	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0057.AVI	2/10/2020 13:42	2/10/2020	13:42:04	Bird	Picus vittatus	1	Foraging
ENW_CT_02	2/13/2020	IMG_0058.AVI	2/10/2020 13:42	2/10/2020	13:42:28	Bird	Picus vittatus	1	
ENW_CT_02	2/13/2020	IMG_0059.AVI	2/10/2020 13:42	2/10/2020	13:42:54	Bird	Picus vittatus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_02	2/13/2020	IMG_0060.AVI	2/10/2020 13:43	2/10/2020	13:43:48	Bird	Picus vittatus	1	
ENW_CT_02	2/13/2020	IMG_0061.AVI	2/11/2020 10:15	2/11/2020	10:15:22	Mammal	Tupaia glis	1	
ENW_CT_02	2/13/2020	IMG_0063.AVI	2/12/2020 8:59	2/12/2020	8:59:32	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0064.AVI	2/12/2020 9:00	2/12/2020	9:00:00	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0065.AVI	2/12/2020 9:00	2/12/2020	9:00:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	2/13/2020	IMG_0066.AVI	2/12/2020 9:00	2/12/2020	9:00:46	Bird	Amaurornis phoenicurus	1	
ENW_CT_02	3/2/2020	IMG_0003.AVI	2/13/2020 13:52	2/13/2020	13:52:44	Mammal	Tupaia glis	1	
ENW_CT_02	3/2/2020	IMG_0004.AVI	2/13/2020 14:02	2/13/2020	14:02:22	Bird	Picus vittatus	1	
ENW_CT_02	3/2/2020	IMG_0005.AVI	2/13/2020 14:02	2/13/2020	14:02:48	Bird	Picus vittatus	1	
ENW_CT_02	3/2/2020	IMG_0006.AVI	2/13/2020 14:03	2/13/2020	14:03:14	Bird	Picus vittatus	1	
ENW_CT_02	3/2/2020	IMG_0007.AVI	2/13/2020 14:04	2/13/2020	14:04:12	Bird	Picus vittatus	1	
ENW_CT_02	3/2/2020	IMG_0008.AVI	2/13/2020 14:04	2/13/2020	14:04:38	Bird	Picus vittatus	1	
ENW_CT_02	3/2/2020	IMG_0009.AVI	2/13/2020 14:05	2/13/2020	14:05:06	Bird	Picus vittatus	1	
ENW_CT_02	3/2/2020	IMG_0010.AVI	2/13/2020 14:05	2/13/2020	14:05:40	Bird	Picus vittatus	2	
ENW_CT_02	3/2/2020	IMG_0133.AVI	2/13/2020 15:16	2/13/2020	15:16:12	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	3/2/2020	IMG_0134.AVI	2/13/2020 15:17	2/13/2020	15:17:02	Bird	Gallus gallus	2	
ENW_CT_02	3/2/2020	IMG_0135.AVI	2/13/2020 15:17	2/13/2020	15:17:28	Bird	Gallus gallus	1	
ENW_CT_02	3/2/2020	IMG_0136.AVI	2/13/2020 15:18	2/13/2020	15:18:20	Bird	Gallus gallus	2	
ENW_CT_02	3/2/2020	IMG_0142.AVI	2/13/2020 15:26	2/13/2020	15:26:40	Bird	Dendronanthus indicus	1	
ENW_CT_02	3/2/2020	IMG_0143.AVI	2/13/2020 15:27	2/13/2020	15:27:02	Bird	Dendronanthus indicus	1	
ENW_CT_02	3/2/2020	IMG_0200.AVI	2/13/2020 16:56	2/13/2020	16:56:44	Mammal	Callosciurus notatus	1	
ENW_CT_02	3/2/2020	IMG_0209.AVI	2/13/2020 17:02	2/13/2020	17:02:30	Mammal	Callosciurus notatus	1	
ENW_CT_02	3/2/2020	IMG_0214.AVI	2/13/2020 17:10	2/13/2020	17:10:10	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	3/2/2020	IMG_0285.AVI	2/14/2020 8:09	2/14/2020	8:09:12	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	4/5/2020	IMG_0006.AVI	1/3/2019 11:20	1/3/2019	11:20:36	Mammal	Callosciurus notatus	1	
ENW_CT_02	4/5/2020	IMG_0007.AVI	1/3/2019 20:46	1/3/2019	20:46:24	Bird	Gallus gallus	2	
ENW_CT_02	4/5/2020	IMG_0008.AVI	1/4/2019 13:16	1/4/2019	13:16:44	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0009.AVI	1/4/2019 13:18	1/4/2019	13:18:04	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0010.AVI	1/6/2019 20:23	1/6/2019	20:23:48	Mammal	Callosciurus notatus	1	
ENW_CT_02	4/5/2020	IMG_0011.AVI	1/6/2019 20:29	1/6/2019	20:29:50	Mammal	Callosciurus notatus	2	
ENW_CT_02	4/5/2020	IMG_0013.AVI	1/7/2019 12:19	1/7/2019	12:19:22	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0014.AVI	1/7/2019 12:20	1/7/2019	12:20:28	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0016.AVI	1/8/2019 12:52	1/8/2019	12:52:38	Bird	Gallus gallus	2	
ENW_CT_02	4/5/2020	IMG_0017.AVI	1/8/2019 19:18	1/8/2019	19:18:34	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0018.AVI	1/8/2019 20:36	1/8/2019	20:36:54	Bird	Gallus gallus	3	hen with chicks
ENW_CT_02	4/5/2020	IMG_0019.AVI	1/8/2019 21:44	1/8/2019	21:44:42	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0020.AVI	1/8/2019 21:45	1/8/2019	21:45:16	Mammal	Callosciurus notatus	2	
ENW_CT_02	4/5/2020	IMG_0020.AVI	1/8/2019 21:45	1/8/2019	21:45:16	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0020.AVI	1/8/2019 21:45	1/8/2019	21:45:16	Bird	Unidentified bird	1	
ENW_CT_02	4/5/2020	IMG_0021.AVI	1/8/2019 21:50	1/8/2019	21:50:18	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0022.AVI	1/9/2019 10:43	1/9/2019	10:43:22	Bird	Gallus gallus	2	
ENW_CT_02	4/5/2020	IMG_0023.AVI	1/9/2019 10:54	1/9/2019	10:54:52	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0024.AVI	1/9/2019 11:34	1/9/2019	11:34:38	Bird	Gallus gallus	2	
ENW_CT_02	4/5/2020	IMG_0025.AVI	1/9/2019 11:34	1/9/2019	11:34:58	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0026.AVI	1/9/2019 18:27	1/9/2019	18:27:00	Bird	Gallus gallus	3	hen with chicks
ENW_CT_02	4/5/2020	IMG_0028.AVI	1/10/2019 11:02	1/10/2019	11:02:14	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0029.AVI	1/10/2019 11:07	1/10/2019	11:07:26	Bird	Gallus gallus	2	
ENW_CT_02	4/5/2020	IMG_0035.AVI	1/11/2019 17:28	1/11/2019	17:28:30	Reptile	Varanus sp.	1	
ENW_CT_02	4/5/2020	IMG_0036.AVI	1/11/2019 20:29	1/11/2019	20:29:06	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0037.AVI	1/12/2019 1:15	1/12/2019	1:15:04	Mammal	Sus scrofa	1	
ENW_CT_02	4/5/2020	IMG_0038.AVI	1/12/2019 20:06	1/12/2019	20:06:36	Bird	Gallus gallus	3	
ENW_CT_02	4/5/2020	IMG_0039.AVI	1/12/2019 20:06	1/12/2019	20:06:58	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0040.AVI	1/12/2019 21:35	1/12/2019	21:35:52	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0041.AVI	1/13/2019 20:57	1/13/2019	20:57:46	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0042.AVI	1/14/2019 10:41	1/14/2019	10:41:38	Bird	Gallus gallus	2	
ENW_CT_02	4/5/2020	IMG_0043.AVI	1/14/2019 13:18	1/14/2019	13:18:50	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0044.AVI	1/14/2019 13:21	1/14/2019	13:21:48	Bird	Unidentified bird	1	
ENW_CT_02	4/5/2020	IMG_0045.AVI	1/15/2019 9:12	1/15/2019	9:12:28	Mammal	Rattus sp.	1	
ENW_CT_02	4/5/2020	IMG_0047.AVI	1/15/2019 21:35	1/15/2019	21:35:44	Bird	Gallus gallus	3	hen with chicks
ENW_CT_02	4/5/2020	IMG_0048.AVI	1/15/2019 21:40	1/15/2019	21:40:20	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0049.AVI	1/15/2019 21:40	1/15/2019	21:40:46	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0050.AVI	1/16/2019 21:18	1/16/2019	21:18:18	Bird	Chalcophaps indica	1	
ENW_CT_02	4/5/2020	IMG_0051.AVI	1/17/2019 10:56	1/17/2019	10:56:32	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0053.AVI	1/19/2019 20:17	1/19/2019	20:17:30	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0054.AVI	1/19/2019 20:38	1/19/2019	20:38:08	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0055.AVI	1/19/2019 21:15	1/19/2019	21:15:54	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0056.AVI	1/20/2019 10:53	1/20/2019	10:53:48	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0057.AVI	1/20/2019 15:05	1/20/2019	15:05:22	Bird	Nisaetus cirrhatus	1	
ENW_CT_02	4/5/2020	IMG_0058.AVI	1/20/2019 15:06	1/20/2019	15:06:08	Bird	Nisaetus cirrhatus	1	
ENW_CT_02	4/5/2020	IMG_0059.AVI	1/20/2019 15:06	1/20/2019	15:06:30	Bird	Nisaetus cirrhatus	1	
ENW_CT_02	4/5/2020	IMG_0060.AVI	1/20/2019 21:48	1/20/2019	21:48:36	Bird	Gallus gallus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_02	4/5/2020	IMG_0061.AVI	1/20/2019 21:49	1/20/2019	21:49:00	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0062.AVI	1/22/2019 12:58	1/22/2019	12:58:58	Bird	Spilopelia chinensis	1	
ENW_CT_02	4/5/2020	IMG_0063.AVI	1/22/2019 18:51	1/22/2019	18:51:00	Bird	Gallus gallus	2	
ENW_CT_02	4/5/2020	IMG_0064.AVI	1/22/2019 18:51	1/22/2019	18:51:26	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0065.AVI	1/22/2019 18:51	1/22/2019	18:51:48	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0066.AVI	1/22/2019 19:23	1/22/2019	19:23:48	Bird	Gallus gallus	3	
ENW_CT_02	4/5/2020	IMG_0068.AVI	1/25/2019 10:54	1/25/2019	10:54:30	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0069.AVI	1/25/2019 20:28	1/25/2019	20:28:14	Mammal	Callosciurus notatus	1	
ENW_CT_02	4/5/2020	IMG_0069.AVI	1/25/2019 20:28	1/25/2019	20:28:14	NA	Unidentified sp.	1	
ENW_CT_02	4/5/2020	IMG_0070.AVI	1/29/2019 11:40	1/29/2019	11:40:18	Bird	Gallus gallus	2	
ENW_CT_02	4/5/2020	IMG_0071.AVI	1/30/2019 13:19	1/30/2019	13:19:26	Bird	Spilopelia chinensis	1	
ENW_CT_02	4/5/2020	IMG_0073.AVI	1/30/2019 17:35	1/30/2019	17:35:26	Bird	Gallus gallus	1	
ENW_CT_02	4/5/2020	IMG_0075.AVI	2/1/2019 17:54	2/1/2019	17:54:10	Bird	Nisaetus cirrhatus	1	
ENW_CT_02	4/5/2020	IMG_0076.AVI	2/1/2019 18:05	2/1/2019	18:05:22	Bird	Nisaetus cirrhatus	1	
ENW_CT_02	6/9/2020	IMG_0005.AVI	4/6/2020 14:04	4/6/2020	14:04:04	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0006.AVI	4/7/2020 8:22	4/7/2020	8:22:36	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0006.AVI	4/7/2020 12:41	4/7/2020	12:41:34	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0007.AVI	4/7/2020 12:54	4/7/2020	12:54:04	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0008.AVI	4/7/2020 16:33	4/7/2020	16:33:46	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0008.AVI	4/7/2020 16:36	4/7/2020	16:36:38	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0009.AVI	4/8/2020 12:33	4/8/2020	12:33:02	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0010.AVI	4/8/2020 13:18	4/8/2020	13:18:04	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0010.AVI	4/9/2020 8:06	4/9/2020	8:06:14	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0011.AVI	4/9/2020 11:15	4/9/2020	11:15:26	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0012.AVI	4/10/2020 7:39	4/10/2020	7:39:42	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0011.AVI	4/10/2020 10:13	4/10/2020	10:13:48	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0011.AVI	4/10/2020 10:13	4/10/2020	10:13:48	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0013.AVI	4/10/2020 15:43	4/10/2020	15:43:06	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0014.AVI	4/10/2020 18:35	4/10/2020	18:35:46	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0012.AVI	4/11/2020 7:07	4/11/2020	7:07:24	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0015.AVI	4/11/2020 8:43	4/11/2020	8:43:40	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0016.AVI	4/11/2020 9:24	4/11/2020	9:24:48	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0017.AVI	4/11/2020 16:27	4/11/2020	16:27:46	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0018.AVI	4/11/2020 16:30	4/11/2020	16:30:52	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0014.AVI	4/12/2020 7:46	4/12/2020	7:46:54	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0015.AVI	4/12/2020 12:14	4/12/2020	12:14:42	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0021.AVI	4/12/2020 19:00	4/12/2020	19:00:34	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0024.AVI	4/13/2020 18:19	4/13/2020	18:19:58	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0027.AVI	4/14/2020 14:21	4/14/2020	14:21:04	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0028.AVI	4/15/2020 8:41	4/15/2020	8:41:04	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0029.AVI	4/15/2020 9:30	4/15/2020	9:30:56	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0030.AVI	4/15/2020 12:22	4/15/2020	12:22:48	Bird	Gallus gallus	1	
ENW_CT_02	6/9/2020	IMG_0031.AVI	4/15/2020 12:23	4/15/2020	12:23:10	Bird	Gallus gallus	1	
ENW_CT_02	6/9/2020	IMG_0032.AVI	4/15/2020 14:05	4/15/2020	14:05:32	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0033.AVI	4/15/2020 15:50	4/15/2020	15:50:32	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0034.AVI	4/16/2020 8:10	4/16/2020	8:10:04	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0035.AVI	4/16/2020 8:29	4/16/2020	8:29:46	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0036.AVI	4/16/2020 9:17	4/16/2020	9:17:10	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0037.AVI	4/16/2020 13:21	4/16/2020	13:21:38	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0016.AVI	4/17/2020 16:15	4/17/2020	16:15:16	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0040.AVI	4/17/2020 16:52	4/17/2020	16:52:30	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0041.AVI	4/17/2020 17:10	4/17/2020	17:10:14	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0042.AVI	4/18/2020 6:52	4/18/2020	6:52:28	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0043.AVI	4/18/2020 9:25	4/18/2020	9:25:26	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0045.AVI	4/18/2020 18:37	4/18/2020	18:37:42	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0046.AVI	4/18/2020 18:51	4/18/2020	18:51:10	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0047.AVI	4/18/2020 18:53	4/18/2020	18:53:10	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0048.AVI	4/18/2020 18:59	4/18/2020	18:59:12	Mammal	Callosciurus notatus	2	
ENW_CT_02	6/9/2020	IMG_0049.AVI	4/18/2020 19:03	4/18/2020	19:03:46	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0050.AVI	4/18/2020 19:11	4/18/2020	19:11:50	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0051.AVI	4/19/2020 6:50	4/19/2020	6:50:44	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0052.AVI	4/20/2020 13:54	4/20/2020	13:54:48	Bird	Pycnonotus zeylanicus	2	
ENW_CT_02	6/9/2020	IMG_0053.AVI	4/20/2020 13:56	4/20/2020	13:56:56	Bird	Pycnonotus zeylanicus	1	
ENW_CT_02	6/9/2020	IMG_0017.AVI	4/20/2020 23:04	4/20/2020	23:04:10	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0018.AVI	4/20/2020 23:04	4/20/2020	23:04:30	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0019.AVI	4/21/2020 7:05	4/21/2020	7:05:08	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0055.AVI	4/21/2020 7:20	4/21/2020	7:20:10	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0056.AVI	4/21/2020 13:10	4/21/2020	13:10:00	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0057.AVI	4/21/2020 17:41	4/21/2020	17:41:58	Bird	Gallus gallus	1	
ENW_CT_02	6/9/2020	IMG_0058.AVI	4/24/2020 11:04	4/24/2020	11:04:26	Bird	Gallus gallus	2	
ENW_CT_02	6/9/2020	IMG_0059.AVI	4/24/2020 12:49	4/24/2020	12:49:50	Mammal	Callosciurus notatus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_02	6/9/2020	IMG_0060.AVI	4/24/2020 18:17	4/24/2020	18:17:44	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0061.AVI	4/24/2020 18:18	4/24/2020	18:18:20	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0062.AVI	4/24/2020 23:05	4/24/2020	23:05:32	Mammal	Manis javanica	1	
ENW_CT_02	6/9/2020	IMG_0063.AVI	4/25/2020 7:55	4/25/2020	7:55:34	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0064.AVI	4/27/2020 14:10	4/27/2020	14:10:26	Bird	Pycnonotus zeylanicus	1	
ENW_CT_02	6/9/2020	IMG_0065.AVI	4/27/2020 14:10	4/27/2020	14:10:50	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0065.AVI	4/27/2020 14:10	4/27/2020	14:10:50	Bird	Pycnonotus zeylanicus	1	
ENW_CT_02	6/9/2020	IMG_0066.AVI	4/27/2020 18:55	4/27/2020	18:55:18	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0067.AVI	4/28/2020 7:59	4/28/2020	7:59:22	Bird	Gallus gallus	1	
ENW_CT_02	6/9/2020	IMG_0068.AVI	4/28/2020 8:59	4/28/2020	8:59:26	Bird	Gallus gallus	1	
ENW_CT_02	6/9/2020	IMG_0021.AVI	4/28/2020 11:59	4/28/2020	11:59:26	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0022.AVI	4/28/2020 18:20	4/28/2020	18:20:56	Bird	Picus vittatus	1	
ENW_CT_02	6/9/2020	IMG_0069.AVI	4/29/2020 6:48	4/29/2020	6:48:54	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0070.AVI	4/29/2020 6:52	4/29/2020	6:52:58	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0071.AVI	4/29/2020 7:45	4/29/2020	7:45:22	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0072.AVI	4/29/2020 7:51	4/29/2020	7:51:40	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0074.AVI	4/30/2020 17:49	4/30/2020	17:49:32	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0075.AVI	5/2/2020 9:12	5/2/2020	9:12:06	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0076.AVI	5/5/2020 7:25	5/5/2020	7:25:42	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0077.AVI	5/5/2020 12:46	5/5/2020	12:46:48	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0078.AVI	5/5/2020 12:47	5/5/2020	12:47:30	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0024.AVI	5/5/2020 14:24	5/5/2020	14:24:56	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0025.AVI	5/5/2020 14:25	5/5/2020	14:25:18	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0026.AVI	5/5/2020 14:25	5/5/2020	14:25:40	Mammal	Callosciurus notatus	2	
ENW_CT_02	6/9/2020	IMG_0027.AVI	5/5/2020 14:26	5/5/2020	14:26:08	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0028.AVI	5/5/2020 14:26	5/5/2020	14:26:32	Mammal	Callosciurus notatus	2	
ENW_CT_02	6/9/2020	IMG_0029.AVI	5/5/2020 14:26	5/5/2020	14:26:54	Mammal	Callosciurus notatus	2	
ENW_CT_02	6/9/2020	IMG_0030.AVI	5/5/2020 14:27	5/5/2020	14:27:16	Mammal	Callosciurus notatus	2	
ENW_CT_02	6/9/2020	IMG_0031.AVI	5/5/2020 14:36	5/5/2020	14:36:52	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0032.AVI	5/7/2020 9:58	5/7/2020	9:58:08	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0033.AVI	5/8/2020 9:55	5/8/2020	9:55:42	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0081.AVI	5/8/2020 10:43	5/8/2020	10:43:02	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0083.AVI	5/8/2020 12:11	5/8/2020	12:11:50	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0084.AVI	5/8/2020 16:04	5/8/2020	16:04:34	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0085.AVI	5/8/2020 17:03	5/8/2020	17:03:18	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0035.AVI	5/8/2020 22:17	5/8/2020	22:17:48	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0036.AVI	5/9/2020 16:18	5/9/2020	16:18:54	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0086.AVI	5/9/2020 18:46	5/9/2020	18:46:36	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0037.AVI	5/10/2020 6:55	5/10/2020	6:55:50	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0038.AVI	5/10/2020 7:27	5/10/2020	7:27:38	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0087.AVI	5/12/2020 0:02	5/12/2020	0:02:32	Bird	Otus lempiji	1	
ENW_CT_02	6/9/2020	IMG_0088.AVI	5/12/2020 13:38	5/12/2020	13:38:22	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0089.AVI	5/12/2020 17:10	5/12/2020	17:10:12	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0090.AVI	5/13/2020 7:00	5/13/2020	7:00:16	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0040.AVI	5/13/2020 15:01	5/13/2020	15:01:08	Bird	Unidentified bird	1	
ENW_CT_02	6/9/2020	IMG_0041.AVI	5/15/2020 2:55	5/15/2020	2:55:44	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0042.AVI	5/15/2020 7:12	5/15/2020	7:12:54	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0043.AVI	5/16/2020 10:42	5/16/2020	10:42:54	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0094.AVI	5/17/2020 12:28	5/17/2020	12:28:12	Bird	Garrulax leucolophus	2	
ENW_CT_02	6/9/2020	IMG_0044.AVI	5/18/2020 16:59	5/18/2020	16:59:42	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0045.AVI	5/19/2020 7:45	5/19/2020	7:45:02	Mammal	Sundasciurus tenuis	1	
ENW_CT_02	6/9/2020	IMG_0096.AVI	5/19/2020 10:24	5/19/2020	10:24:30	Bird	Spilopelia chinensis	1	
ENW_CT_02	6/9/2020	IMG_0046.AVI	5/19/2020 14:51	5/19/2020	14:51:38	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0047.AVI	5/20/2020 15:56	5/20/2020	15:56:26	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0097.AVI	5/20/2020 17:29	5/20/2020	17:29:44	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0098.AVI	5/20/2020 18:20	5/20/2020	18:20:16	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0048.AVI	5/20/2020 18:28	5/20/2020	18:28:52	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0049.AVI	5/21/2020 8:38	5/21/2020	8:38:56	Mammal	Sundasciurus tenuis	1	
ENW_CT_02	6/9/2020	IMG_0099.AVI	5/22/2020 7:41	5/22/2020	7:41:02	Bird	Garrulax leucolophus	2	
ENW_CT_02	6/9/2020	IMG_0050.AVI	5/22/2020 9:34	5/22/2020	9:34:54	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0100.AVI	5/23/2020 14:00	5/23/2020	14:00:26	Bird	Unidentified bird	1	
ENW_CT_02	6/9/2020	IMG_0052.AVI	5/25/2020 15:10	5/25/2020	15:10:00	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0053.AVI	5/26/2020 3:14	5/26/2020	3:14:26	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0054.AVI	5/27/2020 7:53	5/27/2020	7:53:12	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0055.AVI	5/29/2020 19:12	5/29/2020	19:12:04	Mammal	Sus scrofa	1	
ENW_CT_02	6/9/2020	IMG_0104.AVI	5/30/2020 4:56	5/30/2020	4:56:00	NA	Unidentified sp.	1	
ENW_CT_02	6/9/2020	IMG_0056.AVI	5/31/2020 10:15	5/31/2020	10:15:22	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0057.AVI	5/31/2020 10:28	5/31/2020	10:28:56	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0105.AVI	6/1/2020 6:55	6/1/2020	6:55:54	Bird	Garrulax leucolophus	1	
ENW_CT_02	6/9/2020	IMG_0059.AVI	6/3/2020 9:32	6/3/2020	9:32:32	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0060.AVI	6/3/2020 9:34	6/3/2020	9:34:56	Mammal	Tupaia glis	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_02	6/9/2020	IMG_0061.AVI	6/3/2020 23:01	6/3/2020	23:01:46	Mammal	Rattus sp.	1	
ENW_CT_02	6/9/2020	IMG_0062.AVI	6/3/2020 23:22	6/3/2020	23:22:06	Mammal	Rattus sp.	1	
ENW_CT_02	6/9/2020	IMG_0106.AVI	6/4/2020 7:09	6/4/2020	7:09:40	Bird	Garrulax leucolophus	1	
ENW_CT_02	6/9/2020	IMG_0063.AVI	6/5/2020 18:09	6/5/2020	18:09:58	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0064.AVI	6/5/2020 19:01	6/5/2020	19:01:52	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0065.AVI	6/5/2020 23:37	6/5/2020	23:37:14	Mammal	Rattus sp.	1	
ENW_CT_02	6/9/2020	IMG_0066.AVI	6/6/2020 7:27	6/6/2020	7:27:38	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_02	6/9/2020	IMG_0067.AVI	6/6/2020 8:02	6/6/2020	8:02:22	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0068.AVI	6/6/2020 18:15	6/6/2020	18:15:00	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0069.AVI	6/7/2020 9:55	6/7/2020	9:55:46	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0070.AVI	6/7/2020 11:06	6/7/2020	11:06:36	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0071.AVI	6/7/2020 12:54	6/7/2020	12:54:04	Mammal	Callosciurus notatus	1	
ENW_CT_02	6/9/2020	IMG_0072.AVI	6/7/2020 19:11	6/7/2020	19:11:00	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0073.AVI	6/8/2020 7:48	6/8/2020	7:48:34	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0074.AVI	6/8/2020 14:03	6/8/2020	14:03:00	Mammal	Tupaia glis	1	
ENW_CT_02	6/9/2020	IMG_0075.AVI	6/8/2020 14:04	6/8/2020	14:04:56	Mammal	Callosciurus notatus	1	
ENW_CT_03	2/13/2020	IMG_0005.AVI	2/3/2020 19:23	2/3/2020	19:23:56	Mammal	Callosciurus notatus	1	
ENW_CT_03	2/13/2020	IMG_0006.AVI	2/4/2020 7:53	2/4/2020	7:53:22	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_03	2/13/2020	IMG_0007.AVI	2/4/2020 19:27	2/4/2020	19:27:46	Mammal	Sundasciurus tenuis	1	
ENW_CT_03	2/13/2020	IMG_0008.AVI	2/4/2020 19:38	2/4/2020	19:38:38	Mammal	Callosciurus notatus	1	
ENW_CT_03	2/13/2020	IMG_0009.AVI	2/5/2020 11:13	2/5/2020	11:13:44	Bird	Picus vittatus	1	
ENW_CT_03	2/13/2020	IMG_0010.AVI	2/5/2020 11:14	2/5/2020	11:14:12	Bird	Picus vittatus	1	
ENW_CT_03	2/13/2020	IMG_0011.AVI	2/5/2020 17:04	2/5/2020	17:04:30	Reptile	Varanus sp.	1	
ENW_CT_03	2/13/2020	IMG_0012.AVI	2/6/2020 19:30	2/6/2020	19:30:34	Mammal	Callosciurus notatus	1	
ENW_CT_03	2/13/2020	IMG_0013.AVI	2/7/2020 7:39	2/7/2020	7:39:58	Mammal	Tupaia glis	1	
ENW_CT_03	2/13/2020	IMG_0015.AVI	2/7/2020 16:15	2/7/2020	16:15:34	Mammal	Callosciurus notatus	1	
ENW_CT_03	2/13/2020	IMG_0016.AVI	2/8/2020 9:44	2/8/2020	9:44:28	Mammal	Sus scrofa	1	
ENW_CT_03	2/13/2020	IMG_0017.AVI	2/8/2020 19:21	2/8/2020	19:21:02	Mammal	Unidentified mammal	1	
ENW_CT_03	2/13/2020	IMG_0018.AVI	2/9/2020 8:54	2/9/2020	8:54:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_03	2/13/2020	IMG_0019.AVI	2/9/2020 9:01	2/9/2020	9:01:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_03	2/13/2020	IMG_0020.AVI	2/9/2020 19:04	2/9/2020	19:04:24	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_03	2/13/2020	IMG_0021.AVI	2/10/2020 0:53	2/10/2020	0:53:26	Mammal	Manis javanica	1	
ENW_CT_03	2/13/2020	IMG_0022.AVI	2/10/2020 17:33	2/10/2020	17:33:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_03	2/13/2020	IMG_0023.AVI	2/10/2020 17:33	2/10/2020	17:33:34	Bird	Amaurornis phoenicurus	1	
ENW_CT_03	2/13/2020	IMG_0024.AVI	2/11/2020 7:59	2/11/2020	7:59:22	Bird	Amaurornis phoenicurus	2	
ENW_CT_03	2/13/2020	IMG_0025.AVI	2/12/2020 8:12	2/12/2020	8:12:14	Bird	Unidentified bird	1	
ENW_CT_03	2/13/2020	IMG_0026.AVI	2/12/2020 11:21	2/12/2020	11:21:28	Mammal	Tupaia glis	1	
ENW_CT_03	3/3/2020	IMG_0007.AVI	2/15/2020 9:10	2/15/2020	9:10:34	Bird	Gallus gallus	1	
ENW_CT_03	3/3/2020	IMG_0008.AVI	2/15/2020 9:12	2/15/2020	9:12:04	Bird	Gallus gallus	3	
ENW_CT_03	3/3/2020	IMG_0009.AVI	2/15/2020 9:12	2/15/2020	9:12:24	Bird	Gallus gallus	3	
ENW_CT_03	3/3/2020	IMG_0010.AVI	2/15/2020 9:12	2/15/2020	9:12:46	Bird	Gallus gallus	3	
ENW_CT_03	3/3/2020	IMG_0011.AVI	2/15/2020 9:13	2/15/2020	9:13:06	Bird	Gallus gallus	3	
ENW_CT_03	3/3/2020	IMG_0012.AVI	2/15/2020 9:13	2/15/2020	9:13:28	Bird	Gallus gallus	3	
ENW_CT_03	3/3/2020	IMG_0013.AVI	2/15/2020 9:13	2/15/2020	9:13:50	Bird	Gallus gallus	3	
ENW_CT_03	3/3/2020	IMG_0014.AVI	2/15/2020 9:14	2/15/2020	9:14:10	Bird	Gallus gallus	3	
ENW_CT_03	3/3/2020	IMG_0016.AVI	2/17/2020 10:51	2/17/2020	10:51:34	Bird	Garrulax leucolophus	1	
ENW_CT_03	3/3/2020	IMG_0017.AVI	2/17/2020 10:54	2/17/2020	10:54:42	Bird	Garrulax leucolophus	1	
ENW_CT_03	3/3/2020	IMG_0019.AVI	2/19/2020 7:51	2/19/2020	7:51:48	Mammal	Tupaia glis	1	
ENW_CT_03	3/3/2020	IMG_0020.AVI	2/19/2020 12:27	2/19/2020	12:27:14	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0021.AVI	2/19/2020 12:27	2/19/2020	12:27:44	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0022.AVI	2/19/2020 12:28	2/19/2020	12:28:26	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0023.AVI	2/19/2020 13:47	2/19/2020	13:47:42	NA	Unidentified sp.	1	
ENW_CT_03	3/3/2020	IMG_0026.AVI	2/20/2020 8:08	2/20/2020	8:08:34	Mammal	Tupaia glis	1	
ENW_CT_03	3/3/2020	IMG_0027.AVI	2/21/2020 23:36	2/21/2020	23:36:26	Mammal	Rattus sp.	1	
ENW_CT_03	3/3/2020	IMG_0028.AVI	2/23/2020 19:17	2/23/2020	19:17:16	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0029.AVI	2/23/2020 19:17	2/23/2020	19:17:50	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0030.AVI	2/23/2020 19:18	2/23/2020	19:18:18	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0031.AVI	2/24/2020 11:14	2/24/2020	11:14:30	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0032.AVI	2/24/2020 12:47	2/24/2020	12:47:28	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0033.AVI	2/24/2020 15:05	2/24/2020	15:05:48	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0035.AVI	2/25/2020 19:11	2/25/2020	19:11:52	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_03	3/3/2020	IMG_0037.AVI	2/27/2020 12:42	2/27/2020	12:42:26	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0038.AVI	2/27/2020 18:03	2/27/2020	18:03:24	Mammal	Callosciurus notatus	1	
ENW_CT_03	3/3/2020	IMG_0039.AVI	3/2/2020 11:12	3/2/2020	11:12:04	Mammal	Macaca fascicularis	1	
ENW_CT_03	3/3/2020	IMG_0040.AVI	3/2/2020 11:12	3/2/2020	11:12:50	Mammal	Macaca fascicularis	1	
ENW_CT_03	3/3/2020	IMG_0042.AVI	3/3/2020 8:17	3/3/2020	8:17:40	Mammal	Sundasciurus tenuis	1	
ENW_CT_03	4/5/2020	IMG_0007.AVI	3/6/2020 8:56	3/6/2020	8:56:24	Bird	Gallirallus striatus	1	
ENW_CT_03	4/5/2020	IMG_0008.AVI	3/6/2020 10:01	3/6/2020	10:01:46	Bird	Amaurornis phoenicurus	1	
ENW_CT_03	4/5/2020	IMG_0009.AVI	3/6/2020 22:33	3/6/2020	22:33:34	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0010.AVI	3/7/2020 9:32	3/7/2020	9:32:40	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0012.AVI	3/7/2020 10:41	3/7/2020	10:41:40	Reptile	Varanus nebulosus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_03	4/5/2020	IMG_0013.AVI	3/8/2020 4:33	3/8/2020	4:33:44	Mammal	Rattus sp.	2	
ENW_CT_03	4/5/2020	IMG_0014.AVI	3/8/2020 5:37	3/8/2020	5:37:56	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0015.AVI	3/8/2020 19:20	3/8/2020	19:20:18	Mammal	Tupaia glis	1	
ENW_CT_03	4/5/2020	IMG_0016.AVI	3/10/2020 12:17	3/10/2020	12:17:04	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0017.AVI	3/11/2020 1:10	3/11/2020	1:10:48	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0018.AVI	3/11/2020 9:58	3/11/2020	9:58:42	Bird	Unidentified bird	1	
ENW_CT_03	4/5/2020	IMG_0019.AVI	3/12/2020 1:10	3/12/2020	1:10:18	Mammal	Sus scrofa	1	
ENW_CT_03	4/5/2020	IMG_0020.AVI	3/12/2020 23:59	3/12/2020	23:59:46	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0021.AVI	3/13/2020 9:45	3/13/2020	9:45:04	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0022.AVI	3/13/2020 14:22	3/13/2020	14:22:40	Bird	Amaurornis phoenicurus	1	
ENW_CT_03	4/5/2020	IMG_0023.AVI	3/13/2020 18:57	3/13/2020	18:57:12	Bird	Gallus gallus	1	
ENW_CT_03	4/5/2020	IMG_0024.AVI	3/14/2020 9:17	3/14/2020	9:17:42	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0025.AVI	3/14/2020 10:36	3/14/2020	10:36:58	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0026.AVI	3/14/2020 11:24	3/14/2020	11:24:10	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0027.AVI	3/14/2020 16:29	3/14/2020	16:29:02	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0028.AVI	3/14/2020 16:51	3/14/2020	16:51:54	Mammal	Callosciurus notatus	1	
ENW_CT_03	4/5/2020	IMG_0029.AVI	3/14/2020 16:52	3/14/2020	16:52:14	Mammal	Callosciurus notatus	1	
ENW_CT_03	4/5/2020	IMG_0030.AVI	3/15/2020 10:53	3/15/2020	10:53:26	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0031.AVI	3/15/2020 11:06	3/15/2020	11:06:06	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0032.AVI	3/15/2020 13:47	3/15/2020	13:47:04	Bird	Gallus gallus	2	
ENW_CT_03	4/5/2020	IMG_0035.AVI	3/16/2020 16:10	3/16/2020	16:10:06	Bird	Gallus gallus	1	
ENW_CT_03	4/5/2020	IMG_0036.AVI	3/16/2020 16:54	3/16/2020	16:54:08	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0037.AVI	3/16/2020 17:02	3/16/2020	17:02:14	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0038.AVI	3/18/2020 1:41	3/18/2020	1:41:24	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0039.AVI	3/18/2020 15:30	3/18/2020	15:30:54	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0040.AVI	3/18/2020 15:31	3/18/2020	15:31:46	Bird	Spilopelia chinensis	2	
ENW_CT_03	4/5/2020	IMG_0041.AVI	3/18/2020 15:32	3/18/2020	15:32:06	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0042.AVI	3/18/2020 15:32	3/18/2020	15:32:28	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0043.AVI	3/19/2020 12:55	3/19/2020	12:55:40	Bird	Gallus gallus	1	
ENW_CT_03	4/5/2020	IMG_0044.AVI	3/19/2020 13:37	3/19/2020	13:37:32	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0045.AVI	3/19/2020 13:41	3/19/2020	13:41:42	Bird	Gallus gallus	1	
ENW_CT_03	4/5/2020	IMG_0046.AVI	3/19/2020 13:46	3/19/2020	13:46:38	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0047.AVI	3/20/2020 12:39	3/20/2020	12:39:36	Bird	Geopelia striata	2	
ENW_CT_03	4/5/2020	IMG_0048.AVI	3/20/2020 12:39	3/20/2020	12:39:56	Bird	Geopelia striata	2	
ENW_CT_03	4/5/2020	IMG_0049.AVI	3/21/2020 10:31	3/21/2020	10:31:56	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0050.AVI	3/21/2020 10:33	3/21/2020	10:33:52	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0051.AVI	3/23/2020 9:28	3/23/2020	9:28:14	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0052.AVI	3/23/2020 9:29	3/23/2020	9:29:20	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0053.AVI	3/23/2020 21:42	3/23/2020	21:42:38	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0054.AVI	3/23/2020 21:43	3/23/2020	21:43:06	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0055.AVI	3/23/2020 22:18	3/23/2020	22:18:58	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0056.AVI	3/23/2020 22:19	3/23/2020	22:19:44	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0058.AVI	3/24/2020 13:02	3/24/2020	13:02:00	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0060.AVI	3/24/2020 13:25	3/24/2020	13:25:28	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0062.AVI	3/25/2020 8:44	3/25/2020	8:44:30	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0063.AVI	3/25/2020 8:45	3/25/2020	8:45:00	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0064.AVI	3/25/2020 23:04	3/25/2020	23:04:26	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0065.AVI	3/26/2020 1:29	3/26/2020	1:29:18	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0066.AVI	3/26/2020 1:35	3/26/2020	1:35:10	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0067.AVI	3/26/2020 11:50	3/26/2020	11:50:32	Bird	Gallus gallus	1	
ENW_CT_03	4/5/2020	IMG_0071.AVI	3/28/2020 23:52	3/28/2020	23:52:54	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0072.AVI	3/29/2020 13:53	3/29/2020	13:53:52	Reptile	Varanus nebulosus	1	
ENW_CT_03	4/5/2020	IMG_0073.AVI	3/29/2020 14:11	3/29/2020	14:11:16	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0074.AVI	3/29/2020 14:18	3/29/2020	14:18:14	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0075.AVI	3/29/2020 14:20	3/29/2020	14:20:56	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0076.AVI	3/29/2020 14:23	3/29/2020	14:23:08	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0077.AVI	3/29/2020 14:23	3/29/2020	14:23:30	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0078.AVI	3/29/2020 14:23	3/29/2020	14:23:56	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0079.AVI	3/29/2020 14:24	3/29/2020	14:24:32	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0080.AVI	3/29/2020 14:24	3/29/2020	14:24:52	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0081.AVI	3/30/2020 16:20	3/30/2020	16:20:52	Bird	Gallus gallus	1	
ENW_CT_03	4/5/2020	IMG_0082.AVI	3/31/2020 8:36	3/31/2020	8:36:02	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0083.AVI	3/31/2020 11:47	3/31/2020	11:47:20	NA	Unidentified sp.	1	
ENW_CT_03	4/5/2020	IMG_0084.AVI	3/31/2020 12:00	3/31/2020	12:00:34	Reptile	Varanus nebulosus	1	
ENW_CT_03	4/5/2020	IMG_0085.AVI	3/31/2020 15:08	3/31/2020	15:08:06	Reptile	Varanus nebulosus	1	
ENW_CT_03	4/5/2020	IMG_0086.AVI	3/31/2020 15:23	3/31/2020	15:23:18	Reptile	Varanus nebulosus	1	
ENW_CT_03	4/5/2020	IMG_0087.AVI	3/31/2020 15:23	3/31/2020	15:23:46	Reptile	Varanus nebulosus	1	
ENW_CT_03	4/5/2020	IMG_0088.AVI	3/31/2020 17:18	3/31/2020	17:18:26	Reptile	Varanus nebulosus	1	
ENW_CT_03	4/5/2020	IMG_0089.AVI	3/31/2020 17:21	3/31/2020	17:21:46	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0090.AVI	4/1/2020 12:24	4/1/2020	12:24:32	Reptile	Varanus nebulosus	1	
ENW_CT_03	4/5/2020	IMG_0091.AVI	4/1/2020 16:04	4/1/2020	16:04:54	Bird	Spilopelia chinensis	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_03	4/5/2020	IMG_0092.AVI	4/1/2020 16:06	4/1/2020	16:06:10	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0093.AVI	4/1/2020 16:06	4/1/2020	16:06:38	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0094.AVI	4/1/2020 16:06	4/1/2020	16:06:58	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0095.AVI	4/1/2020 16:07	4/1/2020	16:07:24	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0096.AVI	4/2/2020 7:42	4/2/2020	7:42:22	Bird	Spilopelia chinensis	1	
ENW_CT_03	4/5/2020	IMG_0097.AVI	4/2/2020 16:45	4/2/2020	16:45:48	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0098.AVI	4/2/2020 16:46	4/2/2020	16:46:08	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0099.AVI	4/2/2020 16:46	4/2/2020	16:46:30	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0100.AVI	4/2/2020 17:42	4/2/2020	17:42:22	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0101.AVI	4/2/2020 17:42	4/2/2020	17:42:44	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0102.AVI	4/2/2020 17:53	4/2/2020	17:53:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_03	4/5/2020	IMG_0103.AVI	4/2/2020 18:58	4/2/2020	18:58:10	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_03	4/5/2020	IMG_0104.AVI	4/3/2020 2:28	4/3/2020	2:28:52	Mammal	Rattus sp.	1	
ENW_CT_03	4/5/2020	IMG_0105.AVI	4/3/2020 14:08	4/3/2020	14:08:54	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0106.AVI	4/3/2020 14:09	4/3/2020	14:09:28	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0107.AVI	4/3/2020 14:27	4/3/2020	14:27:48	Reptile	Varanus nebulosus	1	
ENW_CT_03	4/5/2020	IMG_0108.AVI	4/3/2020 15:42	4/3/2020	15:42:26	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0109.AVI	4/3/2020 15:42	4/3/2020	15:42:48	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0110.AVI	4/4/2020 10:20	4/4/2020	10:20:18	Bird	Chalcophaps indica	1	
ENW_CT_03	4/5/2020	IMG_0111.AVI	4/4/2020 12:47	4/4/2020	12:47:22	Bird	Gallus gallus	1	
ENW_CT_03	4/5/2020	IMG_0112.AVI	4/4/2020 12:48	4/4/2020	12:48:08	Bird	Gallus gallus	1	
ENW_CT_04	2/13/2020	IMG_0007.AVI	2/3/2020 18:40	2/3/2020	18:40:52	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_04	2/13/2020	IMG_0008.AVI	2/4/2020 8:26	2/4/2020	8:26:02	Bird	Gallus gallus	1	
ENW_CT_04	2/13/2020	IMG_0009.AVI	2/4/2020 8:27	2/4/2020	8:27:12	Bird	Gallus gallus	1	
ENW_CT_04	2/13/2020	IMG_0010.AVI	2/5/2020 1:56	2/5/2020	1:56:14	Mammal	Sus scrofa	1	
ENW_CT_04	2/13/2020	IMG_0011.AVI	2/5/2020 1:56	2/5/2020	1:56:36	Mammal	Sus scrofa	1	
ENW_CT_04	2/13/2020	IMG_0012.AVI	2/5/2020 1:56	2/5/2020	1:56:58	Mammal	Sus scrofa	1	
ENW_CT_04	2/13/2020	IMG_0013.AVI	2/5/2020 1:57	2/5/2020	1:57:26	Mammal	Sus scrofa	1	
ENW_CT_04	2/13/2020	IMG_0015.AVI	2/7/2020 23:09	2/7/2020	23:09:18	Mammal	Sus scrofa	1	
ENW_CT_04	2/13/2020	IMG_0016.AVI	2/8/2020 0:50	2/8/2020	0:50:26	NA	Unidentified sp.	1	
ENW_CT_04	2/13/2020	IMG_0017.AVI	2/8/2020 7:33	2/8/2020	7:33:44	Bird	Gallus gallus	1	
ENW_CT_04	2/13/2020	IMG_0018.AVI	2/9/2020 14:42	2/9/2020	14:42:34	Mammal	Sus scrofa	1	
ENW_CT_04	2/13/2020	IMG_0019.AVI	2/9/2020 20:31	2/9/2020	20:31:26	Mammal	Sus scrofa	1	
ENW_CT_04	3/3/2020	IMG_0002.AVI	1/10/2020 17:37	1/10/2020	17:37:54	Bird	Gallus gallus	1	
ENW_CT_04	3/3/2020	IMG_0003.AVI	1/10/2020 17:38	1/10/2020	17:38:22	Bird	Gallus gallus	2	
ENW_CT_04	3/3/2020	IMG_0004.AVI	1/10/2020 17:39	1/10/2020	17:39:06	Bird	Gallus gallus	2	
ENW_CT_04	3/3/2020	IMG_0005.AVI	1/10/2020 17:40	1/10/2020	17:40:26	Bird	Gallus gallus	2	
ENW_CT_04	3/3/2020	IMG_0006.AVI	1/10/2020 17:41	1/10/2020	17:41:10	Bird	Gallus gallus	2	
ENW_CT_04	3/3/2020	IMG_0007.AVI	1/10/2020 17:42	1/10/2020	17:42:56	Bird	Gallus gallus	1	
ENW_CT_04	3/3/2020	IMG_0008.AVI	1/10/2020 17:43	1/10/2020	17:43:30	Bird	Gallus gallus	2	
ENW_CT_04	3/3/2020	IMG_0010.AVI	1/13/2020 22:19	1/13/2020	22:19:56	Mammal	Paradoxurus musangus	1	
ENW_CT_04	3/3/2020	IMG_0011.AVI	1/15/2020 11:40	1/15/2020	11:40:08	Bird	Gallus gallus	1	
ENW_CT_04	3/3/2020	IMG_0013.AVI	1/19/2020 3:25	1/19/2020	3:25:54	Mammal	Paradoxurus musangus	1	
ENW_CT_04	3/3/2020	IMG_0028.AVI	2/13/2020 17:07	2/13/2020	17:07:56	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_04	3/3/2020	IMG_0029.AVI	2/13/2020 18:25	2/13/2020	18:25:46	NA	Unidentified sp.	1	
ENW_CT_04	3/3/2020	IMG_0030.AVI	2/16/2020 14:16	2/16/2020	14:16:56	NA	Unidentified sp.	1	
ENW_CT_04	3/3/2020	IMG_0031.AVI	2/16/2020 14:17	2/16/2020	14:17:18	NA	Unidentified sp.	1	
ENW_CT_04	3/3/2020	IMG_0032.AVI	2/16/2020 21:50	2/16/2020	21:50:02	Mammal	Sus scrofa	1	
ENW_CT_04	3/3/2020	IMG_0033.AVI	2/17/2020 13:41	2/17/2020	13:41:40	Mammal	Sundasciurus tenuis	1	
ENW_CT_04	3/3/2020	IMG_0034.AVI	2/17/2020 14:02	2/17/2020	14:02:00	Mammal	Callosciurus notatus	1	
ENW_CT_04	3/3/2020	IMG_0035.AVI	2/17/2020 14:06	2/17/2020	14:06:08	Mammal	Callosciurus notatus	1	
ENW_CT_04	3/3/2020	IMG_0039.AVI	2/22/2020 7:10	2/22/2020	7:10:54	Mammal	Tupaia glis	1	
ENW_CT_04	3/3/2020	IMG_0042.AVI	2/27/2020 15:45	2/27/2020	15:45:30	Mammal	Callosciurus notatus	1	
ENW_CT_04	3/3/2020	IMG_0044.AVI	2/29/2020 13:15	2/29/2020	13:15:06	NA	Unidentified sp.	1	
ENW_CT_04	3/3/2020	IMG_0045.AVI	3/1/2020 7:19	3/1/2020	7:19:36	NA	Unidentified sp.	1	
ENW_CT_04	4/5/2020	IMG_0007.AVI	3/3/2020 14:04	3/3/2020	14:04:10	Mammal	Tupaia glis	1	
ENW_CT_04	4/5/2020	IMG_0008.AVI	3/7/2020 17:14	3/7/2020	17:14:10	Mammal	Sus scrofa	1	
ENW_CT_04	4/5/2020	IMG_0009.AVI	3/7/2020 19:50	3/7/2020	19:50:28	Mammal	Sus scrofa	1	
ENW_CT_04	4/5/2020	IMG_0010.AVI	3/7/2020 20:12	3/7/2020	20:12:22	Mammal	Sus scrofa	1	
ENW_CT_04	4/5/2020	IMG_0012.AVI	3/8/2020 19:23	3/8/2020	19:23:50	Mammal	Sus scrofa	1	
ENW_CT_04	4/5/2020	IMG_0013.AVI	3/8/2020 19:24	3/8/2020	19:24:12	Mammal	Sus scrofa	1	
ENW_CT_04	4/5/2020	IMG_0014.AVI	3/9/2020 2:46	3/9/2020	2:46:42	Mammal	Manis javanica	1	
ENW_CT_04	4/5/2020	IMG_0015.AVI	3/9/2020 9:00	3/9/2020	9:00:44	Mammal	Callosciurus notatus	1	
ENW_CT_04	4/5/2020	IMG_0016.AVI	3/9/2020 9:03	3/9/2020	9:03:12	Mammal	Callosciurus notatus	1	
ENW_CT_04	4/5/2020	IMG_0017.AVI	3/9/2020 9:37	3/9/2020	9:37:56	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0017.AVI	3/9/2020 9:37	3/9/2020	9:37:56	Mammal	Tupaia glis	1	
ENW_CT_04	4/5/2020	IMG_0018.AVI	3/9/2020 9:59	3/9/2020	9:59:36	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0019.AVI	3/9/2020 10:00	3/9/2020	10:00:24	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0020.AVI	3/9/2020 10:00	3/9/2020	10:00:48	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0021.AVI	3/9/2020 10:01	3/9/2020	10:01:16	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0021.AVI	3/9/2020 10:01	3/9/2020	10:01:16	Mammal	Unidentified squirrel or shrew	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_04	4/5/2020	IMG_0022.AVI	3/9/2020 10:02	3/9/2020	10:02:16	Bird	Gallus gallus	2	
ENW_CT_04	4/5/2020	IMG_0023.AVI	3/9/2020 10:02	3/9/2020	10:02:40	Bird	Gallus gallus	2	
ENW_CT_04	4/5/2020	IMG_0024.AVI	3/9/2020 10:03	3/9/2020	10:03:02	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0025.AVI	3/9/2020 10:03	3/9/2020	10:03:36	Bird	Gallus gallus	2	
ENW_CT_04	4/5/2020	IMG_0026.AVI	3/9/2020 10:23	3/9/2020	10:23:32	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0027.AVI	3/9/2020 10:23	3/9/2020	10:23:58	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0028.AVI	3/9/2020 10:45	3/9/2020	10:45:28	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0029.AVI	3/10/2020 12:17	3/10/2020	12:17:30	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0030.AVI	3/12/2020 2:20	3/12/2020	2:20:14	Mammal	Manis javanica	1	
ENW_CT_04	4/5/2020	IMG_0031.AVI	3/12/2020 2:40	3/12/2020	2:40:00	Mammal	Manis javanica	1	
ENW_CT_04	4/5/2020	IMG_0032.AVI	3/12/2020 7:18	3/12/2020	7:18:00	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0033.AVI	3/13/2020 7:23	3/13/2020	7:23:40	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0035.AVI	3/15/2020 8:26	3/15/2020	8:26:34	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0036.AVI	3/16/2020 7:17	3/16/2020	7:17:34	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_04	4/5/2020	IMG_0037.AVI	3/18/2020 7:09	3/18/2020	7:09:36	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0038.AVI	3/19/2020 7:28	3/19/2020	7:28:38	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0039.AVI	3/19/2020 9:49	3/19/2020	9:49:30	Mammal	Sus scrofa	1	
ENW_CT_04	4/5/2020	IMG_0040.AVI	3/19/2020 9:49	3/19/2020	9:49:56	Mammal	Sus scrofa	1	
ENW_CT_04	4/5/2020	IMG_0046.AVI	3/27/2020 17:37	3/27/2020	17:37:48	Mammal	Sus scrofa	1	
ENW_CT_04	4/5/2020	IMG_0047.AVI	3/28/2020 8:30	3/28/2020	8:30:10	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0048.AVI	3/28/2020 8:47	3/28/2020	8:47:16	Bird	Gallus gallus	2	
ENW_CT_04	4/5/2020	IMG_0049.AVI	3/28/2020 8:48	3/28/2020	8:48:10	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0050.AVI	3/28/2020 8:48	3/28/2020	8:48:46	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0051.AVI	3/28/2020 8:57	3/28/2020	8:57:32	Bird	Gallus gallus	1	
ENW_CT_04	4/5/2020	IMG_0052.AVI	3/30/2020 8:35	3/30/2020	8:35:14	Bird	Gallus gallus	1	
ENW_CT_05	2/13/2020	IMG_0010.AVI	2/8/2020 2:44	2/8/2020	2:44:40	Mammal	Sus scrofa	1	View unclear; data
ENW_CT_05	2/13/2020	IMG_0011.AVI	2/8/2020 2:46	2/8/2020	2:46:04	Mammal	Sus scrofa	1	View unclear; data
ENW_CT_05	2/13/2020	IMG_0012.AVI	2/8/2020 4:43	2/8/2020	4:43:14	Mammal	Sus scrofa	1	View unclear; data
ENW_CT_05	2/13/2020	IMG_0014.AVI	2/9/2020 7:19	2/9/2020	7:19:04	Bird	Gallus gallus	1	View unclear; data
ENW_CT_05	2/13/2020	IMG_0015.AVI	2/9/2020 7:20	2/9/2020	7:20:06	Bird	Gallus gallus	2	View unclear; data
ENW_CT_05	2/13/2020	IMG_0016.AVI	2/9/2020 7:21	2/9/2020	7:21:14	Bird	Gallus gallus	2	View unclear; data
ENW_CT_05	2/13/2020	IMG_0017.AVI	2/9/2020 7:24	2/9/2020	7:24:12	Bird	Gallus gallus	2	View unclear; data
ENW_CT_05	2/13/2020	IMG_0021.AVI	2/10/2020 7:47	2/10/2020	7:47:04	Mammal	Callosciurus notatus	1	View unclear; data
ENW_CT_05	2/13/2020	IMG_0022.AVI	2/10/2020 14:01	2/10/2020	14:01:30	Bird	Acridotheres javanicus	2	View unclear; data
ENW_CT_05	3/3/2020	IMG_0009.AVI	2/14/2020 17:32	2/14/2020	17:32:56	Mammal	Sus scrofa	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0010.AVI	2/15/2020 7:42	2/15/2020	7:42:52	Bird	Aplonis panayensis	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0011.AVI	2/15/2020 16:50	2/15/2020	16:50:16	Bird	Gallus gallus	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0015.AVI	2/18/2020 7:59	2/18/2020	7:59:48	Bird	Garrulax leucolophus	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0016.AVI	2/18/2020 9:23	2/18/2020	9:23:46	Bird	Gallus gallus	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0017.AVI	2/18/2020 17:25	2/18/2020	17:25:58	Bird	Aplonis panayensis	2	View unclear; data
ENW_CT_05	3/3/2020	IMG_0022.AVI	2/23/2020 7:35	2/23/2020	7:35:42	Mammal	Callosciurus notatus	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0023.AVI	2/23/2020 7:37	2/23/2020	7:37:10	Mammal	Callosciurus notatus	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0024.AVI	2/23/2020 8:07	2/23/2020	8:07:06	Bird	Gallus gallus	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0036.AVI	2/28/2020 7:40	2/28/2020	7:40:24	Mammal	Sus scrofa	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0037.AVI	2/28/2020 8:55	2/28/2020	8:55:24	Mammal	Sus scrofa	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0043.AVI	2/29/2020 8:17	2/29/2020	8:17:54	Mammal	Callosciurus notatus	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0067.AVI	3/1/2020 8:11	3/1/2020	8:11:24	Mammal	Sus scrofa	1	View unclear; data
ENW_CT_05	3/3/2020	IMG_0068.AVI	3/1/2020 8:12	3/1/2020	8:12:10	Mammal	Sus scrofa	1	View unclear; data
ENW_CT_05	4/5/2020	IMG_0011.AVI	3/3/2020 17:03	3/3/2020	17:03:02	Bird	Acridotheres javanicus	2	
ENW_CT_05	4/5/2020	IMG_0012.AVI	3/3/2020 17:03	3/3/2020	17:03:34	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0013.AVI	3/3/2020 19:25	3/3/2020	19:25:48	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0014.AVI	3/4/2020 11:47	3/4/2020	11:47:00	Reptile	Varanus sp.	1	
ENW_CT_05	4/5/2020	IMG_0015.AVI	3/4/2020 16:32	3/4/2020	16:32:38	Reptile	Varanus sp.	1	
ENW_CT_05	4/5/2020	IMG_0016.AVI	3/4/2020 19:21	3/4/2020	19:21:58	Bird	Rallina fasciata	1	
ENW_CT_05	4/5/2020	IMG_0017.AVI	3/5/2020 7:32	3/5/2020	7:32:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0018.AVI	3/5/2020 9:23	3/5/2020	9:23:08	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0019.AVI	3/5/2020 11:55	3/5/2020	11:55:26	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0021.AVI	3/5/2020 12:31	3/5/2020	12:31:08	Bird	Acridotheres javanicus	2	
ENW_CT_05	4/5/2020	IMG_0023.AVI	3/5/2020 12:36	3/5/2020	12:36:08	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0024.AVI	3/5/2020 12:38	3/5/2020	12:38:00	Mammal	Callosciurus notatus	1	
ENW_CT_05	4/5/2020	IMG_0025.AVI	3/5/2020 12:41	3/5/2020	12:41:32	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0027.AVI	3/5/2020 13:15	3/5/2020	13:15:36	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0028.AVI	3/5/2020 13:18	3/5/2020	13:18:08	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0029.AVI	3/5/2020 13:18	3/5/2020	13:18:30	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0030.AVI	3/5/2020 13:20	3/5/2020	13:20:40	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0032.AVI	3/5/2020 16:53	3/5/2020	16:53:56	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0033.AVI	3/6/2020 0:59	3/6/2020	0:59:24	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0034.AVI	3/6/2020 1:51	3/6/2020	1:51:40	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0035.AVI	3/6/2020 1:52	3/6/2020	1:52:02	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0036.AVI	3/6/2020 1:53	3/6/2020	1:53:06	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0037.AVI	3/6/2020 2:16	3/6/2020	2:16:04	Mammal	Rattus sp.	2	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_05	4/5/2020	IMG_0038.AVI	3/6/2020 2:19	3/6/2020	2:19:14	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0039.AVI	3/6/2020 7:45	3/6/2020	7:45:32	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0040.AVI	3/6/2020 8:22	3/6/2020	8:22:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0041.AVI	3/6/2020 9:19	3/6/2020	9:19:54	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	4/5/2020	IMG_0042.AVI	3/6/2020 9:55	3/6/2020	9:55:16	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0043.AVI	3/6/2020 9:55	3/6/2020	9:55:36	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0044.AVI	3/6/2020 10:03	3/6/2020	10:03:18	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0045.AVI	3/6/2020 10:21	3/6/2020	10:21:02	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0046.AVI	3/6/2020 10:23	3/6/2020	10:23:48	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0047.AVI	3/6/2020 10:25	3/6/2020	10:25:16	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0048.AVI	3/6/2020 10:25	3/6/2020	10:25:44	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0049.AVI	3/6/2020 10:31	3/6/2020	10:31:04	Bird	Acridotheres javanicus	2	
ENW_CT_05	4/5/2020	IMG_0050.AVI	3/6/2020 10:31	3/6/2020	10:31:28	Bird	Acridotheres javanicus	2	
ENW_CT_05	4/5/2020	IMG_0051.AVI	3/6/2020 10:34	3/6/2020	10:34:56	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0053.AVI	3/6/2020 10:47	3/6/2020	10:47:06	Bird	Chalcophaps indica	1	
ENW_CT_05	4/5/2020	IMG_0054.AVI	3/6/2020 10:55	3/6/2020	10:55:26	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0055.AVI	3/6/2020 10:57	3/6/2020	10:57:14	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0056.AVI	3/6/2020 12:21	3/6/2020	12:21:12	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0057.AVI	3/6/2020 14:20	3/6/2020	14:20:10	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0058.AVI	3/6/2020 14:20	3/6/2020	14:20:38	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0059.AVI	3/6/2020 14:54	3/6/2020	14:54:50	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0060.AVI	3/6/2020 14:57	3/6/2020	14:57:38	Mammal	Callosciurus notatus	1	
ENW_CT_05	4/5/2020	IMG_0071.AVI	3/7/2020 7:28	3/7/2020	7:28:56	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0072.AVI	3/7/2020 7:29	3/7/2020	7:29:46	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0073.AVI	3/7/2020 7:36	3/7/2020	7:36:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0074.AVI	3/7/2020 8:21	3/7/2020	8:21:58	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0075.AVI	3/7/2020 8:22	3/7/2020	8:22:46	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0076.AVI	3/7/2020 8:23	3/7/2020	8:23:08	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0077.AVI	3/7/2020 8:23	3/7/2020	8:23:44	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0078.AVI	3/7/2020 8:24	3/7/2020	8:24:18	Bird	Acridotheres javanicus	2	
ENW_CT_05	4/5/2020	IMG_0079.AVI	3/7/2020 8:59	3/7/2020	8:59:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0080.AVI	3/7/2020 9:33	3/7/2020	9:33:20	Reptile	Varanus salvator	1	
ENW_CT_05	4/5/2020	IMG_0081.AVI	3/7/2020 9:56	3/7/2020	9:56:52	Bird	Chalcophaps indica	1	
ENW_CT_05	4/5/2020	IMG_0082.AVI	3/7/2020 9:57	3/7/2020	9:57:34	Bird	Chalcophaps indica	1	
ENW_CT_05	4/5/2020	IMG_0083.AVI	3/7/2020 10:13	3/7/2020	10:13:10	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0084.AVI	3/7/2020 14:44	3/7/2020	14:44:28	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0085.AVI	3/7/2020 18:31	3/7/2020	18:31:18	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0085.AVI	3/7/2020 18:31	3/7/2020	18:31:18	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0086.AVI	3/7/2020 18:33	3/7/2020	18:33:52	Mammal	Sus scrofa	1	
ENW_CT_05	4/5/2020	IMG_0087.AVI	3/7/2020 19:06	3/7/2020	19:06:06	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0089.AVI	3/7/2020 22:05	3/7/2020	22:05:30	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0090.AVI	3/7/2020 22:54	3/7/2020	22:54:28	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0091.AVI	3/8/2020 4:33	3/8/2020	4:33:52	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0092.AVI	3/8/2020 7:06	3/8/2020	7:06:26	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	4/5/2020	IMG_0093.AVI	3/8/2020 7:07	3/8/2020	7:07:32	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0094.AVI	3/8/2020 10:29	3/8/2020	10:29:26	Bird	Acridotheres javanicus	1	
ENW_CT_05	4/5/2020	IMG_0095.AVI	3/8/2020 13:27	3/8/2020	13:27:04	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0096.AVI	3/8/2020 15:11	3/8/2020	15:11:46	Bird	Acridotheres javanicus	2	
ENW_CT_05	4/5/2020	IMG_0097.AVI	3/8/2020 16:35	3/8/2020	16:35:42	Bird	Garrulax leucolophus	1	
ENW_CT_05	4/5/2020	IMG_0098.AVI	3/8/2020 19:36	3/8/2020	19:36:44	Mammal	Rattus sp.	2	
ENW_CT_05	4/5/2020	IMG_0099.AVI	3/8/2020 20:13	3/8/2020	20:13:46	NA	Unidentified sp.	1	
ENW_CT_05	4/5/2020	IMG_0100.AVI	3/8/2020 21:49	3/8/2020	21:49:34	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0101.AVI	3/9/2020 7:12	3/9/2020	7:12:04	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0102.AVI	3/9/2020 9:14	3/9/2020	9:14:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0103.AVI	3/9/2020 14:23	3/9/2020	14:23:42	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0104.AVI	3/9/2020 14:24	3/9/2020	14:24:04	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	4/5/2020	IMG_0105.AVI	3/9/2020 14:34	3/9/2020	14:34:00	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0106.AVI	3/9/2020 17:51	3/9/2020	17:51:22	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0108.AVI	3/10/2020 9:58	3/10/2020	9:58:30	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0109.AVI	3/10/2020 10:54	3/10/2020	10:54:08	Bird	Chalcophaps indica	1	
ENW_CT_05	4/5/2020	IMG_0110.AVI	3/10/2020 11:03	3/10/2020	11:03:32	Bird	Chalcophaps indica	1	
ENW_CT_05	4/5/2020	IMG_0111.AVI	3/10/2020 11:03	3/10/2020	11:03:54	Bird	Chalcophaps indica	1	
ENW_CT_05	4/5/2020	IMG_0112.AVI	3/10/2020 15:33	3/10/2020	15:33:16	Mammal	Tupaia glis	1	
ENW_CT_05	4/5/2020	IMG_0113.AVI	3/10/2020 23:51	3/10/2020	23:51:30	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0114.AVI	3/10/2020 23:53	3/10/2020	23:53:26	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0115.AVI	3/10/2020 23:54	3/10/2020	23:54:04	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0116.AVI	3/11/2020 2:21	3/11/2020	2:21:56	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0117.AVI	3/11/2020 4:24	3/11/2020	4:24:58	Mammal	Rattus sp.	1	
ENW_CT_05	4/5/2020	IMG_0118.AVI	3/11/2020 9:42	3/11/2020	9:42:56	Bird	Chalcophaps indica	1	
ENW_CT_05	7/2/2020	IMG_0006.AVI	6/9/2020 11:21	6/9/2020	11:21:30	NA	Unidentified sp.	1	
ENW_CT_05	7/2/2020	IMG_0007.AVI	6/9/2020 12:29	6/9/2020	12:29:54	Mammal	Callosciurus notatus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_05	7/2/2020	IMG_0008.AVI	6/9/2020 12:57	6/9/2020	12:57:28	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0009.AVI	6/9/2020 13:01	6/9/2020	13:01:44	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0010.AVI	6/9/2020 13:02	6/9/2020	13:02:14	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0011.AVI	6/9/2020 15:38	6/9/2020	15:38:56	Bird	Gallus gallus	2	
ENW_CT_05	7/2/2020	IMG_0012.AVI	6/9/2020 17:42	6/9/2020	17:42:42	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0014.AVI	6/10/2020 9:31	6/10/2020	9:31:20	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0016.AVI	6/11/2020 9:00	6/11/2020	9:00:30	NA	Unidentified sp.	2	
ENW_CT_05	7/2/2020	IMG_0017.AVI	6/11/2020 9:29	6/11/2020	9:29:54	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0018.AVI	6/11/2020 10:47	6/11/2020	10:47:40	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0019.AVI	6/11/2020 11:05	6/11/2020	11:05:32	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0021.AVI	6/11/2020 13:48	6/11/2020	13:48:28	Bird	Chalcophaps indica	1	
ENW_CT_05	7/2/2020	IMG_0022.AVI	6/11/2020 13:52	6/11/2020	13:52:46	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0023.AVI	6/11/2020 15:57	6/11/2020	15:57:18	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0024.AVI	6/11/2020 17:09	6/11/2020	17:09:02	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0025.AVI	6/11/2020 19:08	6/11/2020	19:08:20	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0026.AVI	6/12/2020 9:56	6/12/2020	9:56:06	NA	Unidentified sp.	1	
ENW_CT_05	7/2/2020	IMG_0027.AVI	6/12/2020 10:08	6/12/2020	10:08:16	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0028.AVI	6/12/2020 17:46	6/12/2020	17:46:46	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0029.AVI	6/12/2020 18:01	6/12/2020	18:01:24	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0030.AVI	6/12/2020 18:17	6/12/2020	18:17:12	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0031.AVI	6/13/2020 0:05	6/13/2020	0:05:06	Mammal	Rattus sp.	2	
ENW_CT_05	7/2/2020	IMG_0032.AVI	6/13/2020 17:41	6/13/2020	17:41:18	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0033.AVI	6/14/2020 13:52	6/14/2020	13:52:36	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0034.AVI	6/15/2020 9:34	6/15/2020	9:34:14	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0035.AVI	6/15/2020 11:53	6/15/2020	11:53:02	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0036.AVI	6/15/2020 11:53	6/15/2020	11:53:24	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0037.AVI	6/15/2020 11:54	6/15/2020	11:54:10	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0038.AVI	6/15/2020 11:55	6/15/2020	11:55:18	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0039.AVI	6/15/2020 11:56	6/15/2020	11:56:00	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0040.AVI	6/15/2020 11:57	6/15/2020	11:57:14	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0041.AVI	6/15/2020 11:58	6/15/2020	11:58:30	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0042.AVI	6/15/2020 11:59	6/15/2020	11:59:16	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0043.AVI	6/15/2020 12:00	6/15/2020	12:00:44	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0044.AVI	6/15/2020 12:01	6/15/2020	12:01:08	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0045.AVI	6/15/2020 12:02	6/15/2020	12:02:22	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0046.AVI	6/15/2020 12:02	6/15/2020	12:02:50	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0047.AVI	6/15/2020 12:03	6/15/2020	12:03:38	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0048.AVI	6/15/2020 12:05	6/15/2020	12:05:32	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0049.AVI	6/15/2020 12:07	6/15/2020	12:07:00	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0051.AVI	6/15/2020 14:11	6/15/2020	14:11:30	Bird	Garrulax leucolophus	3	
ENW_CT_05	7/2/2020	IMG_0052.AVI	6/15/2020 14:40	6/15/2020	14:40:06	Bird	Garrulax leucolophus	2	
ENW_CT_05	7/2/2020	IMG_0053.AVI	6/16/2020 6:59	6/16/2020	6:59:52	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0054.AVI	6/16/2020 11:49	6/16/2020	11:49:26	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0055.AVI	6/16/2020 18:40	6/16/2020	18:40:28	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0056.AVI	6/16/2020 18:41	6/16/2020	18:41:30	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0057.AVI	6/16/2020 18:43	6/16/2020	18:43:08	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0058.AVI	6/17/2020 6:51	6/17/2020	6:51:48	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0059.AVI	6/17/2020 10:41	6/17/2020	10:41:26	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0060.AVI	6/17/2020 11:37	6/17/2020	11:37:40	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0061.AVI	6/17/2020 11:38	6/17/2020	11:38:10	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0062.AVI	6/18/2020 9:01	6/18/2020	9:01:40	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0063.AVI	6/18/2020 11:41	6/18/2020	11:41:32	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0064.AVI	6/18/2020 13:00	6/18/2020	13:00:18	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0065.AVI	6/19/2020 8:35	6/19/2020	8:35:08	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0066.AVI	6/19/2020 18:20	6/19/2020	18:20:22	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0067.AVI	6/20/2020 21:41	6/20/2020	21:41:38	Mammal	Paradoxurus musangus	1	
ENW_CT_05	7/2/2020	IMG_0068.AVI	6/21/2020 10:38	6/21/2020	10:38:48	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0069.AVI	6/21/2020 10:39	6/21/2020	10:39:14	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0070.AVI	6/21/2020 13:53	6/21/2020	13:53:24	NA	Unidentified sp.	1	
ENW_CT_05	7/2/2020	IMG_0071.AVI	6/21/2020 13:55	6/21/2020	13:55:40	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0072.AVI	6/21/2020 13:56	6/21/2020	13:56:12	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0073.AVI	6/21/2020 13:56	6/21/2020	13:56:48	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0074.AVI	6/21/2020 14:02	6/21/2020	14:02:18	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0075.AVI	6/21/2020 14:02	6/21/2020	14:02:42	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0077.AVI	6/21/2020 22:33	6/21/2020	22:33:18	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0078.AVI	6/22/2020 13:14	6/22/2020	13:14:02	Bird	Gallus gallus	2	
ENW_CT_05	7/2/2020	IMG_0079.AVI	6/24/2020 15:46	6/24/2020	15:46:16	Bird	Garrulax leucolophus	3	
ENW_CT_05	7/2/2020	IMG_0080.AVI	6/24/2020 17:30	6/24/2020	17:30:24	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0081.AVI	6/24/2020 18:11	6/24/2020	18:11:04	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0083.AVI	6/25/2020 8:03	6/25/2020	8:03:40	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0084.AVI	6/25/2020 8:04	6/25/2020	8:04:08	Mammal	Tupaia glis	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_05	7/2/2020	IMG_0085.AVI	6/25/2020 8:08	6/25/2020	8:08:02	NA	Unidentified sp.	1	Possibly rat
ENW_CT_05	7/2/2020	IMG_0086.AVI	6/25/2020 8:08	6/25/2020	18:59:56	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0087.AVI	6/26/2020 9:37	6/26/2020	9:37:40	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0088.AVI	6/26/2020 10:47	6/26/2020	10:47:58	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0090.AVI	6/26/2020 12:49	6/26/2020	12:49:04	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0092.AVI	6/26/2020 15:42	6/26/2020	15:42:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0093.AVI	6/27/2020 15:00	6/27/2020	15:00:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0094.AVI	6/27/2020 16:10	6/27/2020	16:10:30	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0095.AVI	6/27/2020 16:58	6/27/2020	16:58:06	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0096.AVI	6/28/2020 7:40	6/28/2020	7:40:20	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0097.AVI	6/28/2020 9:20	6/28/2020	9:20:32	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0098.AVI	6/28/2020 10:56	6/28/2020	10:56:34	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0099.AVI	6/28/2020 17:17	6/28/2020	17:17:26	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0100.AVI	6/28/2020 17:19	6/28/2020	17:19:04	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0101.AVI	6/28/2020 18:52	6/28/2020	18:52:32	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0102.AVI	6/28/2020 18:55	6/28/2020	18:55:30	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0103.AVI	6/29/2020 7:39	6/29/2020	7:39:36	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0104.AVI	6/29/2020 9:04	6/29/2020	9:04:46	Bird	Garrulax leucolophus	3	
ENW_CT_05	7/2/2020	IMG_0105.AVI	6/29/2020 11:44	6/29/2020	11:44:52	Bird	Gallus gallus	2	
ENW_CT_05	7/2/2020	IMG_0106.AVI	6/29/2020 15:49	6/29/2020	15:49:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0107.AVI	6/29/2020 15:52	6/29/2020	15:52:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0108.AVI	6/29/2020 17:37	6/29/2020	17:37:34	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0109.AVI	6/29/2020 18:47	6/29/2020	18:47:00	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0110.AVI	6/29/2020 18:53	6/29/2020	18:53:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0111.AVI	6/29/2020 18:54	6/29/2020	18:54:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0112.AVI	6/29/2020 18:58	6/29/2020	18:58:04	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0113.AVI	6/29/2020 18:59	6/29/2020	18:59:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0115.AVI	6/30/2020 11:44	6/30/2020	11:44:34	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0116.AVI	6/30/2020 11:51	6/30/2020	11:51:02	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0117.AVI	6/30/2020 11:53	6/30/2020	11:53:06	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0118.AVI	6/30/2020 12:02	6/30/2020	12:02:54	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0119.AVI	6/30/2020 12:26	6/30/2020	12:26:34	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0120.AVI	6/30/2020 12:47	6/30/2020	12:47:00	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0121.AVI	6/30/2020 12:51	6/30/2020	12:51:30	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/2/2020	IMG_0122.AVI	6/30/2020 12:52	6/30/2020	12:52:28	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0123.AVI	6/30/2020 12:52	6/30/2020	12:52:52	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0124.AVI	6/30/2020 13:02	6/30/2020	13:02:04	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0125.AVI	6/30/2020 13:02	6/30/2020	13:02:30	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0126.AVI	6/30/2020 13:05	6/30/2020	13:05:58	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0127.AVI	6/30/2020 13:33	6/30/2020	13:33:56	Bird	Gallus gallus	2	
ENW_CT_05	7/2/2020	IMG_0128.AVI	6/30/2020 13:34	6/30/2020	13:34:56	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0129.AVI	6/30/2020 13:35	6/30/2020	13:35:18	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0130.AVI	6/30/2020 13:36	6/30/2020	13:36:36	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0131.AVI	6/30/2020 13:37	6/30/2020	13:37:14	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0132.AVI	6/30/2020 13:38	6/30/2020	13:38:44	Bird	Gallus gallus	2	
ENW_CT_05	7/2/2020	IMG_0133.AVI	6/30/2020 13:39	6/30/2020	13:39:08	Bird	Gallus gallus	2	
ENW_CT_05	7/2/2020	IMG_0134.AVI	6/30/2020 13:39	6/30/2020	13:39:42	Bird	Gallus gallus	2	
ENW_CT_05	7/2/2020	IMG_0135.AVI	6/30/2020 13:41	6/30/2020	13:41:22	Bird	Gallus gallus	2	
ENW_CT_05	7/2/2020	IMG_0136.AVI	6/30/2020 13:41	6/30/2020	13:41:44	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0137.AVI	6/30/2020 13:42	6/30/2020	13:42:12	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0138.AVI	6/30/2020 13:47	6/30/2020	13:47:06	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0139.AVI	6/30/2020 13:48	6/30/2020	13:48:34	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0140.AVI	6/30/2020 13:50	6/30/2020	13:50:26	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0141.AVI	6/30/2020 13:51	6/30/2020	13:51:40	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0142.AVI	6/30/2020 13:52	6/30/2020	13:52:20	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0143.AVI	6/30/2020 13:52	6/30/2020	13:52:46	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0144.AVI	6/30/2020 13:53	6/30/2020	13:53:16	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0145.AVI	6/30/2020 13:59	6/30/2020	13:59:38	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0147.AVI	6/30/2020 16:43	6/30/2020	16:43:34	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0148.AVI	6/30/2020 16:44	6/30/2020	16:44:10	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0150.AVI	6/30/2020 19:03	6/30/2020	19:03:42	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/2/2020	IMG_0151.AVI	7/1/2020 15:49	7/1/2020	15:49:56	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0152.AVI	7/1/2020 16:21	7/1/2020	16:21:58	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/2/2020	IMG_0153.AVI	7/1/2020 16:28	7/1/2020	16:28:26	Bird	Garrulax leucolophus	1	
ENW_CT_05	7/2/2020	IMG_0154.AVI	7/1/2020 16:38	7/1/2020	16:38:24	NA	Unidentified sp.	1	
ENW_CT_05	7/2/2020	IMG_0155.AVI	7/2/2020 7:00	7/2/2020	7:00:48	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0156.AVI	7/2/2020 9:56	7/2/2020	9:56:52	Mammal	Tupaia glis	1	
ENW_CT_05	7/2/2020	IMG_0070.AVI	8/13/2020 14:22	8/13/2020	14:22:10	Mammal	Sus scrofa	1	
ENW_CT_05	7/2/2020	IMG_0138.AVI	8/13/2020 14:58	8/13/2020	14:58:51	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0139.AVI	8/13/2020 14:59	8/13/2020	14:59:47	Bird	Gallus gallus	1	
ENW_CT_05	7/2/2020	IMG_0140.AVI	8/13/2020 15:00	8/13/2020	15:00:42	Bird	Amaurornis phoenicurus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_05	7/21/2020	IMG_0006.AVI	7/2/2020 11:48	7/2/2020	11:48:12	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0007.AVI	7/2/2020 11:58	7/2/2020	11:58:48	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0008.AVI	7/2/2020 12:27	7/2/2020	12:27:20	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0009.AVI	7/2/2020 14:14	7/2/2020	14:14:28	Mammal	Unidentified squirrel or shrew	2	
ENW_CT_05	7/21/2020	IMG_0010.AVI	7/2/2020 14:19	7/2/2020	14:19:38	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0011.AVI	7/2/2020 16:39	7/2/2020	16:39:14	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0012.AVI	7/2/2020 18:30	7/2/2020	18:30:10	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0014.AVI	7/3/2020 10:30	7/3/2020	10:30:42	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0015.AVI	7/3/2020 10:31	7/3/2020	10:31:16	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0016.AVI	7/3/2020 10:53	7/3/2020	10:53:58	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0017.AVI	7/3/2020 11:53	7/3/2020	11:53:38	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0018.AVI	7/3/2020 19:33	7/3/2020	19:33:44	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0019.AVI	7/4/2020 8:24	7/4/2020	8:24:32	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0020.AVI	7/4/2020 8:56	7/4/2020	8:56:46	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0021.AVI	7/4/2020 11:17	7/4/2020	11:17:54	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0022.AVI	7/4/2020 12:23	7/4/2020	12:23:26	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0023.AVI	7/4/2020 13:36	7/4/2020	13:36:36	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0024.AVI	7/4/2020 13:43	7/4/2020	13:43:20	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0025.AVI	7/4/2020 13:44	7/4/2020	13:44:06	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0026.AVI	7/4/2020 13:45	7/4/2020	13:45:14	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0027.AVI	7/4/2020 13:47	7/4/2020	13:47:40	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0028.AVI	7/4/2020 16:28	7/4/2020	16:28:12	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0029.AVI	7/4/2020 16:45	7/4/2020	16:45:56	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0030.AVI	7/4/2020 16:55	7/4/2020	16:55:36	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0031.AVI	7/4/2020 17:10	7/4/2020	17:10:54	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0032.AVI	7/5/2020 8:17	7/5/2020	8:17:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0033.AVI	7/5/2020 8:49	7/5/2020	8:49:26	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0034.AVI	7/5/2020 8:58	7/5/2020	8:58:18	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0035.AVI	7/5/2020 9:03	7/5/2020	9:03:40	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0036.AVI	7/5/2020 9:17	7/5/2020	9:17:28	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0037.AVI	7/5/2020 17:49	7/5/2020	17:49:54	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0038.AVI	7/5/2020 18:28	7/5/2020	18:28:54	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0039.AVI	7/5/2020 18:54	7/5/2020	18:54:12	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0040.AVI	7/6/2020 8:36	7/6/2020	8:36:04	Bird	Garrulax leucolophus	1	
ENW_CT_05	7/21/2020	IMG_0042.AVI	7/6/2020 9:30	7/6/2020	9:30:26	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0043.AVI	7/6/2020 10:12	7/6/2020	10:12:54	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0044.AVI	7/6/2020 13:15	7/6/2020	13:15:30	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0045.AVI	7/6/2020 16:38	7/6/2020	16:38:00	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0046.AVI	7/6/2020 17:11	7/6/2020	17:11:12	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0047.AVI	7/6/2020 17:18	7/6/2020	17:18:18	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0048.AVI	7/6/2020 22:16	7/6/2020	22:16:12	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0049.AVI	7/7/2020 7:16	7/7/2020	7:16:08	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0050.AVI	7/7/2020 7:19	7/7/2020	7:19:22	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0053.AVI	7/7/2020 9:12	7/7/2020	9:12:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0054.AVI	7/7/2020 11:26	7/7/2020	11:26:04	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0055.AVI	7/7/2020 11:42	7/7/2020	11:42:12	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0056.AVI	7/7/2020 14:20	7/7/2020	14:20:38	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0057.AVI	7/7/2020 14:54	7/7/2020	14:54:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0058.AVI	7/7/2020 14:54	7/7/2020	14:54:50	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0059.AVI	7/7/2020 15:24	7/7/2020	15:24:06	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0060.AVI	7/7/2020 16:06	7/7/2020	16:06:32	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0061.AVI	7/7/2020 16:08	7/7/2020	16:08:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0062.AVI	7/8/2020 7:04	7/8/2020	7:04:06	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0063.AVI	7/8/2020 7:45	7/8/2020	7:45:28	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0064.AVI	7/8/2020 8:45	7/8/2020	8:45:04	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0065.AVI	7/8/2020 10:08	7/8/2020	10:08:06	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0066.AVI	7/8/2020 14:21	7/8/2020	14:21:00	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0067.AVI	7/8/2020 18:11	7/8/2020	18:11:04	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0068.AVI	7/9/2020 6:59	7/9/2020	6:59:02	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0069.AVI	7/9/2020 7:11	7/9/2020	7:11:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0070.AVI	7/9/2020 18:31	7/9/2020	18:31:40	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0071.AVI	7/10/2020 9:04	7/10/2020	9:04:46	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0072.AVI	7/10/2020 9:36	7/10/2020	9:36:32	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0073.AVI	7/10/2020 10:03	7/10/2020	10:03:20	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0074.AVI	7/10/2020 10:21	7/10/2020	10:21:26	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0075.AVI	7/10/2020 12:59	7/10/2020	12:59:44	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0076.AVI	7/10/2020 13:00	7/10/2020	13:00:32	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0077.AVI	7/10/2020 13:01	7/10/2020	13:01:24	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0078.AVI	7/10/2020 13:01	7/10/2020	13:01:44	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0079.AVI	7/10/2020 13:02	7/10/2020	13:02:08	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0080.AVI	7/10/2020 13:36	7/10/2020	13:36:14	Mammal	Tupaia glis	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_05	7/21/2020	IMG_0081.AVI	7/11/2020 7:44	7/11/2020	7:44:10	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0082.AVI	7/11/2020 8:25	7/11/2020	8:25:18	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0083.AVI	7/11/2020 9:57	7/11/2020	9:57:50	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0084.AVI	7/11/2020 10:41	7/11/2020	10:41:38	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0085.AVI	7/11/2020 15:42	7/11/2020	15:42:40	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0087.AVI	7/11/2020 17:36	7/11/2020	17:36:36	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0088.AVI	7/11/2020 18:06	7/11/2020	18:06:30	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0089.AVI	7/11/2020 18:17	7/11/2020	18:17:28	Mammal	Tupaia glis	2	
ENW_CT_05	7/21/2020	IMG_0090.AVI	7/11/2020 18:48	7/11/2020	18:48:26	Mammal	Tupaia glis	2	
ENW_CT_05	7/21/2020	IMG_0092.AVI	7/12/2020 7:04	7/12/2020	7:04:02	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0093.AVI	7/12/2020 9:28	7/12/2020	9:28:08	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0094.AVI	7/12/2020 17:12	7/12/2020	17:12:44	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0095.AVI	7/12/2020 17:20	7/12/2020	17:20:16	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0096.AVI	7/12/2020 17:43	7/12/2020	17:43:28	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0098.AVI	7/13/2020 10:02	7/13/2020	10:02:16	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0100.AVI	7/13/2020 10:09	7/13/2020	10:09:08	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0101.AVI	7/13/2020 10:28	7/13/2020	10:28:20	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0102.AVI	7/13/2020 17:28	7/13/2020	17:28:12	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0103.AVI	7/13/2020 17:30	7/13/2020	17:30:56	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0104.AVI	7/13/2020 17:31	7/13/2020	17:31:32	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0105.AVI	7/13/2020 17:31	7/13/2020	17:31:58	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0106.AVI	7/13/2020 17:32	7/13/2020	17:32:34	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0107.AVI	7/13/2020 17:32	7/13/2020	17:32:56	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0109.AVI	7/14/2020 6:56	7/14/2020	6:56:28	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0110.AVI	7/14/2020 7:03	7/14/2020	7:03:48	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0111.AVI	7/14/2020 8:04	7/14/2020	8:04:34	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0112.AVI	7/14/2020 10:11	7/14/2020	10:11:06	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0114.AVI	7/14/2020 10:39	7/14/2020	10:39:06	Bird	Garrulax leucolophus	1	
ENW_CT_05	7/21/2020	IMG_0115.AVI	7/14/2020 11:35	7/14/2020	11:35:42	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0116.AVI	7/14/2020 12:02	7/14/2020	12:02:42	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0117.AVI	7/14/2020 16:10	7/14/2020	16:10:00	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0118.AVI	7/14/2020 19:10	7/14/2020	19:10:44	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0119.AVI	7/14/2020 19:12	7/14/2020	19:12:36	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0120.AVI	7/15/2020 8:13	7/15/2020	8:13:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0121.AVI	7/15/2020 8:30	7/15/2020	8:30:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0122.AVI	7/15/2020 8:44	7/15/2020	8:44:14	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0123.AVI	7/15/2020 10:56	7/15/2020	10:56:32	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0124.AVI	7/15/2020 10:56	7/15/2020	10:56:58	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0125.AVI	7/15/2020 11:15	7/15/2020	11:15:54	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0126.AVI	7/15/2020 11:28	7/15/2020	11:28:04	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0127.AVI	7/15/2020 15:19	7/15/2020	15:19:22	Bird	Garrulax leucolophus	1	
ENW_CT_05	7/21/2020	IMG_0129.AVI	7/15/2020 17:18	7/15/2020	17:18:24	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0130.AVI	7/15/2020 18:54	7/15/2020	18:54:52	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0131.AVI	7/15/2020 21:04	7/15/2020	21:04:20	Mammal	Rattus sp.	1	
ENW_CT_05	7/21/2020	IMG_0132.AVI	7/16/2020 7:04	7/16/2020	7:04:10	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0133.AVI	7/16/2020 7:07	7/16/2020	7:07:50	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0134.AVI	7/16/2020 7:44	7/16/2020	7:44:28	Bird	Amaurornis phoenicurus	2	
ENW_CT_05	7/21/2020	IMG_0135.AVI	7/16/2020 7:51	7/16/2020	7:51:04	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0136.AVI	7/16/2020 9:02	7/16/2020	9:02:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0137.AVI	7/16/2020 9:03	7/16/2020	9:03:10	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0138.AVI	7/16/2020 9:49	7/16/2020	9:49:22	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0139.AVI	7/16/2020 10:09	7/16/2020	10:09:44	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0140.AVI	7/16/2020 10:11	7/16/2020	10:11:20	Mammal	Tupaia glis	2	
ENW_CT_05	7/21/2020	IMG_0141.AVI	7/16/2020 11:32	7/16/2020	11:32:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0142.AVI	7/16/2020 11:51	7/16/2020	11:51:04	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0143.AVI	7/16/2020 13:34	7/16/2020	13:34:22	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0144.AVI	7/16/2020 13:42	7/16/2020	13:42:56	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0145.AVI	7/16/2020 13:43	7/16/2020	13:43:56	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0146.AVI	7/16/2020 13:45	7/16/2020	13:45:48	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0147.AVI	7/16/2020 13:46	7/16/2020	13:46:22	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0148.AVI	7/16/2020 13:46	7/16/2020	13:46:58	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0149.AVI	7/16/2020 13:47	7/16/2020	13:47:20	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0150.AVI	7/16/2020 13:48	7/16/2020	13:48:30	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0151.AVI	7/16/2020 13:48	7/16/2020	13:48:54	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0152.AVI	7/16/2020 14:24	7/16/2020	14:24:06	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0153.AVI	7/16/2020 14:29	7/16/2020	14:29:46	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0154.AVI	7/16/2020 14:30	7/16/2020	14:30:28	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0155.AVI	7/16/2020 14:30	7/16/2020	14:30:56	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0156.AVI	7/16/2020 16:49	7/16/2020	16:49:48	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0157.AVI	7/16/2020 16:57	7/16/2020	16:57:44	Mammal	Tupaia glis	2	
ENW_CT_05	7/21/2020	IMG_0158.AVI	7/16/2020 16:58	7/16/2020	16:58:18	Mammal	Unidentified squirrel or shrew	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_05	7/21/2020	IMG_0159.AVI	7/16/2020 17:22	7/16/2020	17:22:52	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0160.AVI	7/16/2020 17:45	7/16/2020	17:45:02	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0161.AVI	7/16/2020 18:20	7/16/2020	18:20:04	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0162.AVI	7/16/2020 19:20	7/16/2020	19:20:40	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0165.AVI	7/17/2020 7:21	7/17/2020	7:21:32	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0166.AVI	7/17/2020 7:46	7/17/2020	7:46:30	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0167.AVI	7/17/2020 9:36	7/17/2020	9:36:08	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0168.AVI	7/17/2020 10:37	7/17/2020	10:37:44	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0169.AVI	7/17/2020 10:47	7/17/2020	10:47:02	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0170.AVI	7/17/2020 10:48	7/17/2020	10:48:22	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0171.AVI	7/17/2020 10:49	7/17/2020	10:49:04	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0172.AVI	7/17/2020 16:53	7/17/2020	16:53:50	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0173.AVI	7/17/2020 17:11	7/17/2020	17:11:18	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0174.AVI	7/17/2020 17:12	7/17/2020	17:12:26	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0175.AVI	7/17/2020 17:14	7/17/2020	17:14:10	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0176.AVI	7/17/2020 17:31	7/17/2020	17:31:58	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0177.AVI	7/17/2020 17:40	7/17/2020	17:40:06	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0178.AVI	7/17/2020 18:37	7/17/2020	18:37:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0179.AVI	7/17/2020 18:38	7/17/2020	18:38:14	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0180.AVI	7/17/2020 18:38	7/17/2020	18:38:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0181.AVI	7/18/2020 8:04	7/18/2020	8:04:36	Bird	Amaurornis phoenicurus	2	
ENW_CT_05	7/21/2020	IMG_0183.AVI	7/18/2020 9:11	7/18/2020	9:11:46	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0184.AVI	7/18/2020 9:44	7/18/2020	9:44:32	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0185.AVI	7/18/2020 13:38	7/18/2020	13:38:12	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0186.AVI	7/18/2020 14:08	7/18/2020	14:08:46	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0187.AVI	7/18/2020 15:04	7/18/2020	15:04:08	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0188.AVI	7/18/2020 15:31	7/18/2020	15:31:46	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0189.AVI	7/18/2020 16:06	7/18/2020	16:06:06	Bird	Chalcophaps indica	1	
ENW_CT_05	7/21/2020	IMG_0190.AVI	7/18/2020 16:37	7/18/2020	16:37:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0191.AVI	7/18/2020 17:14	7/18/2020	17:14:12	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0192.AVI	7/18/2020 17:30	7/18/2020	17:30:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0193.AVI	7/19/2020 9:02	7/19/2020	9:02:36	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0194.AVI	7/19/2020 9:36	7/19/2020	9:36:30	Bird	Garrulax leucolophus	1	
ENW_CT_05	7/21/2020	IMG_0195.AVI	7/19/2020 9:39	7/19/2020	9:39:34	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0196.AVI	7/19/2020 15:17	7/19/2020	15:17:48	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0197.AVI	7/19/2020 17:58	7/19/2020	17:58:30	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0198.AVI	7/19/2020 18:57	7/19/2020	18:57:50	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0199.AVI	7/19/2020 22:46	7/19/2020	22:46:00	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0200.AVI	7/19/2020 22:46	7/19/2020	22:46:26	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0201.AVI	7/19/2020 22:47	7/19/2020	22:47:16	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0202.AVI	7/19/2020 22:47	7/19/2020	22:47:44	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0203.AVI	7/19/2020 22:48	7/19/2020	22:48:56	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0204.AVI	7/20/2020 6:54	7/20/2020	6:54:04	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0205.AVI	7/20/2020 13:18	7/20/2020	13:18:32	NA	Unidentified sp.	1	Looks like bird;
ENW_CT_05	7/21/2020	IMG_0206.AVI	7/20/2020 13:22	7/20/2020	13:22:04	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0208.AVI	7/20/2020 17:24	7/20/2020	17:24:22	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0209.AVI	7/20/2020 17:40	7/20/2020	17:40:22	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0210.AVI	7/20/2020 17:56	7/20/2020	17:56:16	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0211.AVI	7/20/2020 18:51	7/20/2020	18:51:36	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0212.AVI	7/20/2020 23:10	7/20/2020	23:10:40	Mammal	Rattus sp.	1	
ENW_CT_05	7/21/2020	IMG_0213.AVI	7/20/2020 23:38	7/20/2020	23:38:40	Mammal	Rattus sp.	1	
ENW_CT_05	7/21/2020	IMG_0215.AVI	7/21/2020 7:01	7/21/2020	7:01:20	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0216.AVI	7/21/2020 7:01	7/21/2020	7:01:46	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0217.AVI	7/21/2020 7:23	7/21/2020	7:23:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	7/21/2020	IMG_0218.AVI	7/21/2020 10:15	7/21/2020	10:15:52	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0219.AVI	7/21/2020 12:01	7/21/2020	12:01:12	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0220.AVI	7/21/2020 12:19	7/21/2020	12:19:56	Mammal	Tupaia glis	1	
ENW_CT_05	7/21/2020	IMG_0221.AVI	7/21/2020 13:53	7/21/2020	13:53:36	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	7/21/2020	IMG_0222.AVI	7/21/2020 15:21	7/21/2020	15:21:10	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0223.AVI	7/21/2020 16:28	7/21/2020	16:28:14	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0051.AVI	8/14/2020 8:02	8/14/2020	8:02:41	Bird	Gallus gallus	1	
ENW_CT_05	7/21/2020	IMG_0051.AVI	8/14/2020 8:02	8/14/2020	8:02:47	Mammal	Sus scrofa	1	
ENW_CT_05	7/21/2020	IMG_0114.AVI	8/14/2020 8:21	8/14/2020	8:21:34	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0153.AVI	8/14/2020 8:31	8/14/2020	8:31:02	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0178.AVI	8/14/2020 12:28	8/14/2020	12:28:50	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0179.AVI	8/14/2020 12:29	8/14/2020	12:29:50	Mammal	Callosciurus notatus	1	
ENW_CT_05	7/21/2020	IMG_0198.AVI	8/14/2020 12:36	8/14/2020	12:36:45	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0014.AVI	7/3/2020 10:30	7/3/2020	10:30:42	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0094.AVI	7/12/2020 17:12	7/12/2020	17:12:44	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0110.AVI	7/14/2020 7:03	7/14/2020	7:03:48	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0006.AVI	7/21/2020 18:13	7/21/2020	18:13:56	Mammal	Tupaia glis	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_05	8/5/2020	IMG_0008.AVI	7/22/2020 9:40	7/22/2020	9:40:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0009.AVI	7/22/2020 9:40	7/22/2020	9:40:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0010.AVI	7/22/2020 9:50	7/22/2020	9:50:08	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0011.AVI	7/22/2020 10:17	7/22/2020	10:17:08	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0012.AVI	7/22/2020 10:46	7/22/2020	10:46:12	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0013.AVI	7/22/2020 15:05	7/22/2020	15:05:26	Bird	Chalcophaps indica	1	
ENW_CT_05	8/5/2020	IMG_0015.AVI	7/23/2020 11:25	7/23/2020	11:25:46	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0016.AVI	7/23/2020 11:44	7/23/2020	11:44:28	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0017.AVI	7/23/2020 17:48	7/23/2020	17:48:02	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0018.AVI	7/23/2020 18:19	7/23/2020	18:19:00	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0019.AVI	7/23/2020 18:50	7/23/2020	18:50:14	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0020.AVI	7/23/2020 18:53	7/23/2020	18:53:50	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0021.AVI	7/24/2020 1:24	7/24/2020	1:24:58	Mammal	Rattus sp.	1	
ENW_CT_05	8/5/2020	IMG_0022.AVI	7/24/2020 8:23	7/24/2020	8:23:58	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0023.AVI	7/24/2020 8:38	7/24/2020	8:38:32	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0024.AVI	7/24/2020 8:39	7/24/2020	8:39:42	Mammal	Tupaia glis	2	
ENW_CT_05	8/5/2020	IMG_0025.AVI	7/24/2020 8:58	7/24/2020	8:58:16	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0026.AVI	7/24/2020 13:36	7/24/2020	13:36:42	Mammal	Sundasciurus tenuis	1	
ENW_CT_05	8/5/2020	IMG_0027.AVI	7/24/2020 16:55	7/24/2020	16:55:30	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0028.AVI	7/24/2020 17:04	7/24/2020	17:04:32	Bird	Garrulax leucolophus	3	
ENW_CT_05	8/5/2020	IMG_0029.AVI	7/24/2020 17:05	7/24/2020	17:05:06	Bird	Garrulax leucolophus	3	
ENW_CT_05	8/5/2020	IMG_0030.AVI	7/24/2020 22:35	7/24/2020	22:35:20	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0031.AVI	7/25/2020 6:55	7/25/2020	6:55:12	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0032.AVI	7/25/2020 7:08	7/25/2020	7:08:04	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0033.AVI	7/25/2020 10:44	7/25/2020	10:44:10	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0034.AVI	7/25/2020 15:17	7/25/2020	15:17:04	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0035.AVI	7/26/2020 7:14	7/26/2020	7:14:52	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0036.AVI	7/26/2020 15:22	7/26/2020	15:22:46	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0037.AVI	7/26/2020 15:31	7/26/2020	15:31:30	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0038.AVI	7/26/2020 15:42	7/26/2020	15:42:06	Mammal	Callosciurus notatus	2	
ENW_CT_05	8/5/2020	IMG_0040.AVI	7/27/2020 9:56	7/27/2020	9:56:14	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0041.AVI	7/28/2020 7:48	7/28/2020	7:48:16	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0042.AVI	7/28/2020 15:08	7/28/2020	15:08:52	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0043.AVI	7/29/2020 7:06	7/29/2020	7:06:30	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0044.AVI	7/29/2020 7:56	7/29/2020	7:56:30	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0045.AVI	7/29/2020 14:57	7/29/2020	14:57:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0046.AVI	7/29/2020 15:44	7/29/2020	15:44:54	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0047.AVI	7/29/2020 15:45	7/29/2020	15:45:18	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0048.AVI	7/29/2020 15:46	7/29/2020	15:46:26	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0049.AVI	7/29/2020 16:17	7/29/2020	16:17:50	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0050.AVI	7/29/2020 16:18	7/29/2020	16:18:38	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0051.AVI	7/29/2020 16:22	7/29/2020	16:22:04	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0052.AVI	7/29/2020 16:29	7/29/2020	16:29:42	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0053.AVI	7/29/2020 16:30	7/29/2020	16:30:02	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0054.AVI	7/29/2020 16:31	7/29/2020	16:31:04	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0055.AVI	7/29/2020 16:31	7/29/2020	16:31:30	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0056.AVI	7/29/2020 17:49	7/29/2020	17:49:32	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0057.AVI	7/29/2020 17:50	7/29/2020	17:50:02	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0058.AVI	7/29/2020 17:54	7/29/2020	17:54:40	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0059.AVI	7/29/2020 17:55	7/29/2020	17:55:02	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0060.AVI	7/29/2020 17:55	7/29/2020	17:55:48	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0061.AVI	7/29/2020 18:22	7/29/2020	18:22:32	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0062.AVI	7/29/2020 18:22	7/29/2020	18:22:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0063.AVI	7/29/2020 18:24	7/29/2020	18:24:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0064.AVI	7/29/2020 18:28	7/29/2020	18:28:14	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0065.AVI	7/29/2020 18:28	7/29/2020	18:28:48	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0066.AVI	7/29/2020 18:29	7/29/2020	18:29:10	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0067.AVI	7/29/2020 18:30	7/29/2020	18:30:08	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0068.AVI	7/29/2020 18:30	7/29/2020	18:30:56	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0069.AVI	7/29/2020 18:32	7/29/2020	18:32:24	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0070.AVI	7/29/2020 18:32	7/29/2020	18:32:46	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0071.AVI	7/29/2020 18:33	7/29/2020	18:33:46	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0072.AVI	7/29/2020 18:34	7/29/2020	18:34:42	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0073.AVI	7/29/2020 18:35	7/29/2020	18:35:04	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0074.AVI	7/29/2020 18:35	7/29/2020	18:35:26	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0075.AVI	7/29/2020 18:35	7/29/2020	18:35:48	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0076.AVI	7/29/2020 18:36	7/29/2020	18:36:16	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0077.AVI	7/29/2020 18:36	7/29/2020	18:36:48	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0078.AVI	7/29/2020 18:37	7/29/2020	18:37:10	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0080.AVI	7/30/2020 7:12	7/30/2020	7:12:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0081.AVI	7/30/2020 7:19	7/30/2020	7:19:02	Bird	Amaurornis phoenicurus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_05	8/5/2020	IMG_0082.AVI	7/30/2020 10:53	7/30/2020	10:53:32	Bird	Unidentified bird	1	Possibly *Picus*
ENW_CT_05	8/5/2020	IMG_0083.AVI	7/30/2020 13:23	7/30/2020	13:23:48	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0084.AVI	7/30/2020 13:49	7/30/2020	13:49:04	Mammal	Tupaia glis	2	
ENW_CT_05	8/5/2020	IMG_0085.AVI	7/30/2020 17:01	7/30/2020	17:01:46	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0086.AVI	7/30/2020 23:42	7/30/2020	23:42:58	Mammal	Rattus sp.	1	
ENW_CT_05	8/5/2020	IMG_0087.AVI	7/31/2020 0:54	7/31/2020	0:54:52	Mammal	Rattus sp.	1	
ENW_CT_05	8/5/2020	IMG_0088.AVI	7/31/2020 2:06	7/31/2020	2:06:52	Mammal	Rattus sp.	1	
ENW_CT_05	8/5/2020	IMG_0090.AVI	7/31/2020 11:03	7/31/2020	11:03:20	Bird	Garrulax leucolophus	2	
ENW_CT_05	8/5/2020	IMG_0091.AVI	7/31/2020 11:04	7/31/2020	11:04:04	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0092.AVI	7/31/2020 11:05	7/31/2020	11:05:00	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0093.AVI	7/31/2020 11:36	7/31/2020	11:36:48	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0095.AVI	7/31/2020 13:05	7/31/2020	13:05:54	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0096.AVI	7/31/2020 15:13	7/31/2020	15:13:32	Mammal	Sus scrofa	1	
ENW_CT_05	8/5/2020	IMG_0097.AVI	7/31/2020 17:13	7/31/2020	17:13:42	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0098.AVI	7/31/2020 17:43	7/31/2020	17:43:38	Mammal	Tupaia glis	2	
ENW_CT_05	8/5/2020	IMG_0099.AVI	8/1/2020 7:53	8/1/2020	7:53:02	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0100.AVI	8/1/2020 7:55	8/1/2020	7:55:50	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0101.AVI	8/1/2020 8:04	8/1/2020	8:04:38	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0102.AVI	8/1/2020 8:14	8/1/2020	8:14:04	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0103.AVI	8/1/2020 16:44	8/1/2020	16:44:02	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0104.AVI	8/2/2020 2:41	8/2/2020	2:41:52	Mammal	Rattus sp.	1	
ENW_CT_05	8/5/2020	IMG_0105.AVI	8/2/2020 7:06	8/2/2020	7:06:42	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0106.AVI	8/2/2020 9:19	8/2/2020	9:19:10	Bird	Gallus gallus	1	
ENW_CT_05	8/5/2020	IMG_0107.AVI	8/2/2020 9:31	8/2/2020	9:31:16	Bird	Gallus gallus	1	
ENW_CT_05	8/5/2020	IMG_0108.AVI	8/2/2020 9:34	8/2/2020	9:34:14	Bird	Gallus gallus	1	
ENW_CT_05	8/5/2020	IMG_0109.AVI	8/2/2020 11:24	8/2/2020	11:24:16	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0111.AVI	8/2/2020 14:45	8/2/2020	14:45:48	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0112.AVI	8/2/2020 15:04	8/2/2020	15:04:30	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0113.AVI	8/2/2020 22:13	8/2/2020	22:13:46	Mammal	Rattus sp.	1	
ENW_CT_05	8/5/2020	IMG_0115.AVI	8/3/2020 7:53	8/3/2020	7:53:14	Bird	Chalcophaps indica	1	
ENW_CT_05	8/5/2020	IMG_0116.AVI	8/3/2020 9:52	8/3/2020	9:52:36	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0117.AVI	8/3/2020 10:16	8/3/2020	10:16:58	Bird	Garrulax leucolophus	5	
ENW_CT_05	8/5/2020	IMG_0118.AVI	8/3/2020 10:34	8/3/2020	10:34:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0119.AVI	8/3/2020 10:37	8/3/2020	10:37:24	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0120.AVI	8/3/2020 10:42	8/3/2020	10:42:32	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0121.AVI	8/3/2020 10:45	8/3/2020	10:45:00	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0122.AVI	8/3/2020 11:29	8/3/2020	11:29:34	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0123.AVI	8/3/2020 13:09	8/3/2020	13:09:10	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0124.AVI	8/3/2020 13:16	8/3/2020	13:16:10	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0125.AVI	8/3/2020 13:18	8/3/2020	13:18:08	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0126.AVI	8/3/2020 13:40	8/3/2020	13:40:18	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0127.AVI	8/3/2020 14:39	8/3/2020	14:39:28	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0128.AVI	8/3/2020 15:42	8/3/2020	15:42:00	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0129.AVI	8/3/2020 19:00	8/3/2020	19:00:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0130.AVI	8/4/2020 9:39	8/4/2020	9:39:22	Mammal	Callosciurus notatus	1	
ENW_CT_05	8/5/2020	IMG_0131.AVI	8/4/2020 10:05	8/4/2020	10:05:56	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0132.AVI	8/4/2020 10:44	8/4/2020	10:44:58	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0133.AVI	8/4/2020 15:25	8/4/2020	15:25:34	Bird	Gallus gallus	2	
ENW_CT_05	8/5/2020	IMG_0134.AVI	8/4/2020 15:51	8/4/2020	15:51:12	Bird	Gallus gallus	2	
ENW_CT_05	8/5/2020	IMG_0135.AVI	8/4/2020 16:25	8/4/2020	16:25:02	Mammal	Tupaia glis	1	
ENW_CT_05	8/5/2020	IMG_0137.AVI	8/4/2020 17:24	8/4/2020	17:24:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0138.AVI	8/5/2020 7:07	8/5/2020	7:07:30	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_05	8/5/2020	IMG_0064.AVI	8/14/2020 13:19	8/14/2020	13:19:51	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0067.AVI	8/14/2020 13:21	8/14/2020	13:21:38	Bird	Amaurornis phoenicurus	1	
ENW_CT_05	8/5/2020	IMG_0121.AVI	8/14/2020 14:25	8/14/2020	14:25:43	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_06	2/13/2020	IMG_0019.AVI	2/4/2020 11:29	2/4/2020	11:29:26	Reptile	Varanus nebulosus	1	
ENW_CT_06	2/13/2020	IMG_0020.AVI	2/4/2020 13:50	2/4/2020	13:50:54	Reptile	Varanus sp.	1	
ENW_CT_06	2/13/2020	IMG_0021.AVI	2/4/2020 19:45	2/4/2020	19:45:22	Mammal	Rattus sp.	1	
ENW_CT_06	2/13/2020	IMG_0022.AVI	2/5/2020 7:09	2/5/2020	7:09:10	Mammal	Tupaia glis	1	
ENW_CT_06	2/13/2020	IMG_0023.AVI	2/5/2020 7:36	2/5/2020	7:36:26	Mammal	Tupaia glis	1	
ENW_CT_06	2/13/2020	IMG_0024.AVI	2/5/2020 7:38	2/5/2020	7:38:26	Mammal	Tupaia glis	1	
ENW_CT_06	2/13/2020	IMG_0025.AVI	2/5/2020 8:45	2/5/2020	8:45:08	Mammal	Tupaia glis	1	Foraging
ENW_CT_06	2/13/2020	IMG_0026.AVI	2/5/2020 8:46	2/5/2020	8:46:24	Mammal	Tupaia glis	1	Feeding
ENW_CT_06	2/13/2020	IMG_0027.AVI	2/5/2020 8:59	2/5/2020	8:59:50	Mammal	Tupaia glis	1	
ENW_CT_06	2/13/2020	IMG_0028.AVI	2/5/2020 9:00	2/5/2020	9:00:50	Mammal	Tupaia glis	1	
ENW_CT_06	2/13/2020	IMG_0029.AVI	2/5/2020 9:14	2/5/2020	9:14:26	Mammal	Tupaia glis	1	
ENW_CT_06	2/13/2020	IMG_0030.AVI	2/5/2020 12:11	2/5/2020	12:11:44	Reptile	Varanus nebulosus	1	
ENW_CT_06	2/13/2020	IMG_0031.AVI	2/5/2020 13:05	2/5/2020	13:05:48	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0032.AVI	2/5/2020 13:06	2/5/2020	13:06:38	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0033.AVI	2/5/2020 13:07	2/5/2020	13:07:02	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0034.AVI	2/5/2020 13:13	2/5/2020	13:13:42	Mammal	Callosciurus notatus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_06	2/13/2020	IMG_0035.AVI	2/5/2020 13:14	2/5/2020	13:14:22	Mammal	Callosciurus notatus	1	
ENW_CT_06	2/13/2020	IMG_0036.AVI	2/6/2020 8:04	2/6/2020	8:04:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0038.AVI	2/7/2020 17:32	2/7/2020	17:32:26	Mammal	Sus scrofa	1	
ENW_CT_06	2/13/2020	IMG_0040.AVI	2/8/2020 14:09	2/8/2020	14:09:58	Mammal	Sus scrofa	1	
ENW_CT_06	2/13/2020	IMG_0041.AVI	2/8/2020 17:01	2/8/2020	17:01:00	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0042.AVI	2/8/2020 18:22	2/8/2020	18:22:46	Mammal	Tupaia glis	1	
ENW_CT_06	2/13/2020	IMG_0044.AVI	2/9/2020 14:57	2/9/2020	14:57:46	Bird	Rallina fasciata	1	
ENW_CT_06	2/13/2020	IMG_0045.AVI	2/9/2020 16:03	2/9/2020	16:03:18	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0046.AVI	2/9/2020 16:03	2/9/2020	16:03:44	Bird	Amaurornis phoenicurus	1	Foraging on
ENW_CT_06	2/13/2020	IMG_0047.AVI	2/9/2020 16:23	2/9/2020	16:23:14	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0048.AVI	2/9/2020 17:39	2/9/2020	17:39:20	Mammal	Tupaia glis	1	
ENW_CT_06	2/13/2020	IMG_0049.AVI	2/10/2020 7:35	2/10/2020	7:35:20	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0050.AVI	2/10/2020 8:04	2/10/2020	8:04:08	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0051.AVI	2/10/2020 12:10	2/10/2020	12:10:50	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0052.AVI	2/10/2020 13:37	2/10/2020	13:37:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0053.AVI	2/10/2020 13:37	2/10/2020	13:37:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0054.AVI	2/10/2020 13:55	2/10/2020	13:55:46	Reptile	Varanus sp.	1	
ENW_CT_06	2/13/2020	IMG_0055.AVI	2/10/2020 13:59	2/10/2020	13:59:26	Reptile	Varanus nebulosus	1	
ENW_CT_06	2/13/2020	IMG_0056.AVI	2/10/2020 17:40	2/10/2020	17:40:10	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	2/13/2020	IMG_0057.AVI	2/10/2020 17:41	2/10/2020	17:41:04	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	2/13/2020	IMG_0058.AVI	2/10/2020 17:41	2/10/2020	17:41:28	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	2/13/2020	IMG_0059.AVI	2/10/2020 17:41	2/10/2020	17:41:52	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	2/13/2020	IMG_0060.AVI	2/10/2020 17:57	2/10/2020	17:57:04	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	2/13/2020	IMG_0061.AVI	2/11/2020 7:29	2/11/2020	7:29:56	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0062.AVI	2/11/2020 7:38	2/11/2020	7:38:46	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0063.AVI	2/11/2020 7:50	2/11/2020	7:50:06	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0064.AVI	2/11/2020 8:29	2/11/2020	8:29:56	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0065.AVI	2/11/2020 12:41	2/11/2020	12:41:56	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0066.AVI	2/11/2020 15:20	2/11/2020	15:20:36	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0067.AVI	2/12/2020 15:53	2/12/2020	15:53:10	Reptile	Varanus nebulosus	1	
ENW_CT_06	2/13/2020	IMG_0068.AVI	2/12/2020 15:53	2/12/2020	15:53:34	Reptile	Varanus nebulosus	1	
ENW_CT_06	2/13/2020	IMG_0069.AVI	2/12/2020 15:54	2/12/2020	15:54:22	Reptile	Varanus nebulosus	1	
ENW_CT_06	2/13/2020	IMG_0070.AVI	2/12/2020 17:10	2/12/2020	17:10:48	Reptile	Varanus sp.	1	
ENW_CT_06	2/13/2020	IMG_0071.AVI	2/12/2020 17:12	2/12/2020	17:12:50	Reptile	Varanus sp.	1	
ENW_CT_06	2/13/2020	IMG_0072.AVI	2/12/2020 17:17	2/12/2020	17:17:44	Reptile	Varanus sp.	1	
ENW_CT_06	2/13/2020	IMG_0073.AVI	2/13/2020 7:48	2/13/2020	7:48:14	Bird	Amaurornis phoenicurus	1	Foraging on
ENW_CT_06	2/13/2020	IMG_0074.AVI	2/13/2020 7:48	2/13/2020	7:48:42	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0075.AVI	2/13/2020 7:50	2/13/2020	7:50:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	2/13/2020	IMG_0076.AVI	2/13/2020 7:52	2/13/2020	7:52:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0006.AVI	2/13/2020 11:40	2/13/2020	11:40:22	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	006 copy.AVI	2/13/2020 11:40	2/13/2020	11:40:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0007.AVI	2/13/2020 11:40	2/13/2020	11:40:44	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	007 copy.AVI	2/13/2020 11:40	2/13/2020	11:40:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0008.AVI	2/13/2020 11:59	2/13/2020	11:59:22	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0009.AVI	2/13/2020 11:59	2/13/2020	11:59:46	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0010.AVI	2/13/2020 12:00	2/13/2020	12:00:20	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0011.AVI	2/13/2020 12:02	2/13/2020	12:02:00	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0012.AVI	2/13/2020 12:02	2/13/2020	12:02:58	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0013.AVI	2/13/2020 12:03	2/13/2020	12:03:22	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0014.AVI	2/13/2020 12:04	2/13/2020	12:04:12	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0015.AVI	2/13/2020 12:04	2/13/2020	12:04:50	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0016.AVI	2/13/2020 12:05	2/13/2020	12:05:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0017.AVI	2/13/2020 12:05	2/13/2020	12:05:46	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0018.AVI	2/13/2020 12:06	2/13/2020	12:06:20	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0019.AVI	2/13/2020 12:06	2/13/2020	12:06:54	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0020.AVI	2/13/2020 12:10	2/13/2020	12:10:00	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0021.AVI	2/13/2020 12:10	2/13/2020	12:10:26	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0022.AVI	2/13/2020 12:11	2/13/2020	12:11:02	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0023.AVI	2/13/2020 12:11	2/13/2020	12:11:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0024.AVI	2/13/2020 12:13	2/13/2020	12:13:46	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	024 copy.AVI	2/13/2020 12:13	2/13/2020	12:13:46	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0025.AVI	2/13/2020 12:14	2/13/2020	12:14:12	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	025 copy.AVI	2/13/2020 12:14	2/13/2020	12:14:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0026.AVI	2/13/2020 14:01	2/13/2020	14:01:06	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0027.AVI	2/13/2020 14:01	2/13/2020	14:01:32	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0028.AVI	2/13/2020 14:02	2/13/2020	14:02:02	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0029.AVI	2/13/2020 14:02	2/13/2020	14:02:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0030.AVI	2/13/2020 14:03	2/13/2020	14:03:08	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0031.AVI	2/13/2020 14:03	2/13/2020	14:03:34	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0032.AVI	2/13/2020 14:07	2/13/2020	14:07:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0033.AVI	2/13/2020 14:11	2/13/2020	14:11:32	Reptile	Varanus sp.	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_06	3/3/2020	IMG_0034.AVI	2/13/2020 14:12	2/13/2020	14:12:54	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0035.AVI	2/13/2020 14:15	2/13/2020	14:15:50	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0036.AVI	2/13/2020 14:17	2/13/2020	14:17:52	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0037.AVI	2/13/2020 15:28	2/13/2020	15:28:36	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0038.AVI	2/13/2020 15:28	2/13/2020	15:28:58	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0039.AVI	2/13/2020 15:29	2/13/2020	15:29:28	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0040.AVI	2/13/2020 15:30	2/13/2020	15:30:06	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0041.AVI	2/13/2020 15:30	2/13/2020	15:30:34	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0042.AVI	2/13/2020 15:31	2/13/2020	15:31:14	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0043.AVI	2/13/2020 15:35	2/13/2020	15:35:14	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0044.AVI	2/13/2020 15:37	2/13/2020	15:37:16	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0045.AVI	2/13/2020 15:37	2/13/2020	15:37:58	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0046.AVI	2/13/2020 15:38	2/13/2020	15:38:44	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0047.AVI	2/13/2020 15:39	2/13/2020	15:39:06	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0048.AVI	2/13/2020 15:39	2/13/2020	15:39:34	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0049.AVI	2/13/2020 15:40	2/13/2020	15:40:12	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0050.AVI	2/13/2020 15:43	2/13/2020	15:43:38	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	050 copy.AVI	2/13/2020 15:43	2/13/2020	15:43:38	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0051.AVI	2/13/2020 15:45	2/13/2020	15:45:56	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0051.AVI	2/13/2020 15:45	2/13/2020	15:45:56	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0052.AVI	2/13/2020 15:46	2/13/2020	15:46:20	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0053.AVI	2/13/2020 15:57	2/13/2020	15:57:50	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0054.AVI	2/13/2020 16:21	2/13/2020	16:21:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0055.AVI	2/13/2020 16:21	2/13/2020	16:21:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0056.AVI	2/13/2020 16:22	2/13/2020	16:22:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0057.AVI	2/13/2020 16:22	2/13/2020	16:22:50	Bird	Garrulax leucolophus	1	
ENW_CT_06	3/3/2020	IMG_0058.AVI	2/13/2020 16:23	2/13/2020	16:23:42	Bird	Garrulax leucolophus	1	
ENW_CT_06	3/3/2020	058 copy.AVI	2/13/2020 16:23	2/13/2020	16:23:42	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0059.AVI	2/13/2020 16:24	2/13/2020	16:24:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0060.AVI	2/13/2020 16:39	2/13/2020	16:39:18	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0060.AVI	2/13/2020 16:39	2/13/2020	16:39:18	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0061.AVI	2/13/2020 17:02	2/13/2020	17:02:40	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0063.AVI	2/13/2020 17:06	2/13/2020	17:06:02	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0064.AVI	2/13/2020 17:34	2/13/2020	17:34:28	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0065.AVI	2/13/2020 17:47	2/13/2020	17:47:14	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0066.AVI	2/13/2020 17:47	2/13/2020	17:47:38	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0069.AVI	2/13/2020 17:52	2/13/2020	17:52:48	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0070.AVI	2/13/2020 17:53	2/13/2020	17:53:14	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0072.AVI	2/13/2020 17:59	2/13/2020	17:59:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0074.AVI	2/14/2020 7:27	2/14/2020	7:27:06	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0075.AVI	2/14/2020 7:27	2/14/2020	7:27:38	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0076.AVI	2/14/2020 7:37	2/14/2020	7:37:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0077.AVI	2/14/2020 9:52	2/14/2020	9:52:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0078.AVI	2/14/2020 9:52	2/14/2020	9:52:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0079.AVI	2/14/2020 11:57	2/14/2020	11:57:12	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	3/3/2020	IMG_0080.AVI	2/14/2020 14:27	2/14/2020	14:27:24	NA	Unidentified sp.	1	
ENW_CT_06	3/3/2020	IMG_0081.AVI	2/14/2020 14:31	2/14/2020	14:31:16	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0082.AVI	2/14/2020 14:56	2/14/2020	14:56:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0083.AVI	2/14/2020 15:30	2/14/2020	15:30:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0084.AVI	2/15/2020 7:56	2/15/2020	7:56:30	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0086.AVI	2/15/2020 10:00	2/15/2020	10:00:24	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0090.AVI	2/16/2020 8:51	2/16/2020	8:51:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0091.AVI	2/16/2020 9:10	2/16/2020	9:10:10	Mammal	Tupaia glis	1	
ENW_CT_06	3/3/2020	IMG_0092.AVI	2/16/2020 9:11	2/16/2020	9:11:44	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_06	3/3/2020	IMG_0093.AVI	2/16/2020 9:12	2/16/2020	9:12:42	Mammal	Tupaia glis	1	
ENW_CT_06	3/3/2020	IMG_0094.AVI	2/16/2020 9:13	2/16/2020	9:13:18	Mammal	Tupaia glis	1	
ENW_CT_06	3/3/2020	IMG_0095.AVI	2/16/2020 9:23	2/16/2020	9:23:48	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0096.AVI	2/16/2020 9:59	2/16/2020	9:59:34	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_06	3/3/2020	IMG_0097.AVI	2/16/2020 10:30	2/16/2020	10:30:20	Bird	Garrulax leucolophus	2	
ENW_CT_06	3/3/2020	IMG_0098.AVI	2/16/2020 10:30	2/16/2020	10:30:42	Bird	Garrulax leucolophus	2	
ENW_CT_06	3/3/2020	IMG_0099.AVI	2/16/2020 13:18	2/16/2020	13:18:24	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0100.AVI	2/16/2020 13:18	2/16/2020	13:18:46	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0101.AVI	2/16/2020 13:19	2/16/2020	13:19:08	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0102.AVI	2/16/2020 13:19	2/16/2020	13:19:48	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0103.AVI	2/16/2020 13:20	2/16/2020	13:20:12	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0104.AVI	2/16/2020 13:20	2/16/2020	13:20:34	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0105.AVI	2/16/2020 13:20	2/16/2020	13:20:56	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0106.AVI	2/16/2020 13:21	2/16/2020	13:21:18	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0107.AVI	2/16/2020 13:21	2/16/2020	13:21:38	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0108.AVI	2/16/2020 13:22	2/16/2020	13:22:00	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0109.AVI	2/16/2020 13:22	2/16/2020	13:22:22	Bird	Gallus gallus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_06	3/3/2020	IMG_0110.AVI	2/16/2020 13:22	2/16/2020	13:22:46	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0111.AVI	2/16/2020 13:23	2/16/2020	13:23:08	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0112.AVI	2/16/2020 13:23	2/16/2020	13:23:28	Bird	Gallus gallus	1	
ENW_CT_06	3/3/2020	IMG_0115.AVI	2/17/2020 7:27	2/17/2020	7:27:48	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0116.AVI	2/17/2020 7:28	2/17/2020	7:28:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0117.AVI	2/17/2020 7:29	2/17/2020	7:29:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0118.AVI	2/17/2020 7:46	2/17/2020	7:46:02	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0119.AVI	2/17/2020 7:48	2/17/2020	7:48:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0120.AVI	2/17/2020 8:27	2/17/2020	8:27:40	Mammal	Tupaia glis	1	
ENW_CT_06	3/3/2020	IMG_0121.AVI	2/17/2020 12:55	2/17/2020	12:55:36	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0126.AVI	2/17/2020 18:29	2/17/2020	18:29:30	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0127.AVI	2/18/2020 7:22	2/18/2020	7:22:40	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0128.AVI	2/18/2020 16:09	2/18/2020	16:09:48	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0129.AVI	2/18/2020 18:40	2/18/2020	18:40:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0130.AVI	2/18/2020 18:40	2/18/2020	18:40:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0131.AVI	2/18/2020 18:42	2/18/2020	18:42:46	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	3/3/2020	IMG_0133.AVI	2/19/2020 7:51	2/19/2020	7:51:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0134.AVI	2/19/2020 8:44	2/19/2020	8:44:34	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0135.AVI	2/19/2020 11:58	2/19/2020	11:58:12	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0139.AVI	2/20/2020 7:43	2/20/2020	7:43:24	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0140.AVI	2/20/2020 7:43	2/20/2020	7:43:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0142.AVI	2/20/2020 17:50	2/20/2020	17:50:18	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0145.AVI	2/21/2020 7:36	2/21/2020	7:36:42	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0146.AVI	2/21/2020 7:37	2/21/2020	7:37:48	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0148.AVI	2/21/2020 18:08	2/21/2020	18:08:00	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	3/3/2020	IMG_0151.AVI	2/22/2020 13:53	2/22/2020	13:53:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0152.AVI	2/22/2020 13:53	2/22/2020	13:53:54	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0153.AVI	2/22/2020 13:54	2/22/2020	13:54:26	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0154.AVI	2/22/2020 13:57	2/22/2020	13:57:46	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0155.AVI	2/22/2020 13:58	2/22/2020	13:58:08	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0156.AVI	2/22/2020 14:00	2/22/2020	14:00:00	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0157.AVI	2/22/2020 14:01	2/22/2020	14:01:20	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0158.AVI	2/22/2020 14:03	2/22/2020	14:03:42	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0159.AVI	2/22/2020 14:04	2/22/2020	14:04:08	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0160.AVI	2/22/2020 14:04	2/22/2020	14:04:36	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0161.AVI	2/22/2020 14:05	2/22/2020	14:05:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0162.AVI	2/22/2020 14:05	2/22/2020	14:05:48	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0163.AVI	2/22/2020 14:06	2/22/2020	14:06:14	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0164.AVI	2/22/2020 14:06	2/22/2020	14:06:48	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0165.AVI	2/22/2020 14:07	2/22/2020	14:07:08	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0166.AVI	2/22/2020 14:07	2/22/2020	14:07:38	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0167.AVI	2/22/2020 14:08	2/22/2020	14:08:36	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0168.AVI	2/22/2020 14:08	2/22/2020	14:08:58	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0169.AVI	2/22/2020 14:09	2/22/2020	14:09:18	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0170.AVI	2/22/2020 14:09	2/22/2020	14:09:44	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0171.AVI	2/22/2020 14:10	2/22/2020	14:10:06	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0172.AVI	2/22/2020 14:10	2/22/2020	14:10:26	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0173.AVI	2/22/2020 14:10	2/22/2020	14:10:50	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0174.AVI	2/22/2020 14:11	2/22/2020	14:11:10	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0175.AVI	2/22/2020 14:11	2/22/2020	14:11:32	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0176.AVI	2/22/2020 14:11	2/22/2020	14:11:52	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0177.AVI	2/22/2020 14:12	2/22/2020	14:12:20	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0178.AVI	2/22/2020 14:12	2/22/2020	14:12:42	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0179.AVI	2/22/2020 14:13	2/22/2020	14:13:02	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0180.AVI	2/22/2020 14:13	2/22/2020	14:13:26	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0181.AVI	2/22/2020 14:13	2/22/2020	14:13:48	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0182.AVI	2/22/2020 14:14	2/22/2020	14:14:10	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0183.AVI	2/22/2020 14:14	2/22/2020	14:14:36	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0184.AVI	2/22/2020 14:15	2/22/2020	14:15:10	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0185.AVI	2/22/2020 14:25	2/22/2020	14:25:42	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0186.AVI	2/22/2020 14:35	2/22/2020	14:35:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0187.AVI	2/22/2020 14:35	2/22/2020	14:35:46	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0188.AVI	2/22/2020 14:36	2/22/2020	14:36:20	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0189.AVI	2/22/2020 14:36	2/22/2020	14:36:42	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0190.AVI	2/22/2020 14:37	2/22/2020	14:37:04	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0191.AVI	2/22/2020 14:37	2/22/2020	14:37:42	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0192.AVI	2/22/2020 14:38	2/22/2020	14:38:02	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0193.AVI	2/22/2020 14:38	2/22/2020	14:38:38	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0194.AVI	2/22/2020 14:39	2/22/2020	14:39:00	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0195.AVI	2/22/2020 14:39	2/22/2020	14:39:24	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0196.AVI	2/22/2020 14:39	2/22/2020	14:39:48	Reptile	Varanus sp.	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_06	3/3/2020	IMG_0197.AVI	2/22/2020 14:42	2/22/2020	14:42:08	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0198.AVI	2/22/2020 14:43	2/22/2020	14:43:04	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0199.AVI	2/22/2020 14:57	2/22/2020	14:57:04	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0200.AVI	2/22/2020 14:58	2/22/2020	14:58:16	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0201.AVI	2/22/2020 14:59	2/22/2020	14:59:02	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0202.AVI	2/22/2020 14:59	2/22/2020	14:59:26	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0203.AVI	2/22/2020 14:59	2/22/2020	14:59:50	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0204.AVI	2/22/2020 15:00	2/22/2020	15:00:20	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0205.AVI	2/22/2020 15:00	2/22/2020	15:00:44	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0206.AVI	2/22/2020 15:01	2/22/2020	15:01:06	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0207.AVI	2/22/2020 15:01	2/22/2020	15:01:28	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0208.AVI	2/22/2020 15:01	2/22/2020	15:01:54	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0209.AVI	2/22/2020 15:02	2/22/2020	15:02:34	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0210.AVI	2/22/2020 15:03	2/22/2020	15:03:52	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0211.AVI	2/22/2020 15:05	2/22/2020	15:05:18	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0214.AVI	2/22/2020 15:15	2/22/2020	15:15:46	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0215.AVI	2/22/2020 15:23	2/22/2020	15:23:38	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0218.AVI	2/22/2020 15:27	2/22/2020	15:27:26	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0219.AVI	2/22/2020 16:28	2/22/2020	16:28:52	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0229.AVI	2/23/2020 13:17	2/23/2020	13:17:00	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0230.AVI	2/23/2020 13:25	2/23/2020	13:25:32	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0231.AVI	2/23/2020 13:25	2/23/2020	13:25:56	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0232.AVI	2/23/2020 13:26	2/23/2020	13:26:28	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0233.AVI	2/23/2020 13:26	2/23/2020	13:26:48	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0234.AVI	2/23/2020 13:27	2/23/2020	13:27:10	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0235.AVI	2/23/2020 13:27	2/23/2020	13:27:34	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0236.AVI	2/23/2020 13:27	2/23/2020	13:27:56	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0237.AVI	2/23/2020 13:28	2/23/2020	13:28:18	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0238.AVI	2/23/2020 13:28	2/23/2020	13:28:40	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0239.AVI	2/23/2020 13:41	2/23/2020	13:41:10	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0245.AVI	2/24/2020 8:01	2/24/2020	8:01:54	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0246.AVI	2/24/2020 8:02	2/24/2020	8:02:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0247.AVI	2/24/2020 8:17	2/24/2020	8:17:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0248.AVI	2/25/2020 7:17	2/25/2020	7:17:08	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0251.AVI	2/25/2020 7:18	2/25/2020	7:18:24	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	3/3/2020	IMG_0252.AVI	2/25/2020 7:42	2/25/2020	7:42:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0253.AVI	2/25/2020 7:47	2/25/2020	7:47:08	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0254.AVI	2/25/2020 7:48	2/25/2020	7:48:28	NA	Unidentified sp.	1	
ENW_CT_06	3/3/2020	IMG_0255.AVI	2/25/2020 7:56	2/25/2020	7:56:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0256.AVI	2/25/2020 8:07	2/25/2020	8:07:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0257.AVI	2/25/2020 8:08	2/25/2020	8:08:08	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0258.AVI	2/25/2020 9:17	2/25/2020	9:17:08	Mammal	Tupaia glis	1	
ENW_CT_06	3/3/2020	IMG_0259.AVI	2/25/2020 10:08	2/25/2020	10:08:48	Mammal	Tupaia glis	1	
ENW_CT_06	3/3/2020	IMG_0260.AVI	2/25/2020 10:59	2/25/2020	10:59:20	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0261.AVI	2/25/2020 11:23	2/25/2020	11:23:40	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0262.AVI	2/25/2020 13:59	2/25/2020	13:59:38	Mammal	Callosciurus notatus	1	
ENW_CT_06	3/3/2020	IMG_0268.AVI	2/25/2020 16:17	2/25/2020	16:17:34	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0269.AVI	2/26/2020 8:44	2/26/2020	8:44:52	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0271.AVI	2/26/2020 8:51	2/26/2020	8:51:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0272.AVI	2/26/2020 9:35	2/26/2020	9:35:44	Bird	Garrulax leucolophus	3	
ENW_CT_06	3/3/2020	IMG_0273.AVI	2/26/2020 9:36	2/26/2020	9:36:06	Bird	Garrulax leucolophus	1	
ENW_CT_06	3/3/2020	IMG_0274.AVI	2/26/2020 9:36	2/26/2020	9:36:30	Bird	Garrulax leucolophus	1	
ENW_CT_06	3/3/2020	IMG_0275.AVI	2/26/2020 9:44	2/26/2020	9:44:44	NA	Unidentified sp.	1	
ENW_CT_06	3/3/2020	IMG_0276.AVI	2/26/2020 9:45	2/26/2020	9:45:06	NA	Unidentified sp.	1	
ENW_CT_06	3/3/2020	IMG_0277.AVI	2/26/2020 9:45	2/26/2020	9:45:26	NA	Unidentified sp.	1	
ENW_CT_06	3/3/2020	IMG_0278.AVI	2/26/2020 9:45	2/26/2020	9:45:48	NA	Unidentified sp.	1	
ENW_CT_06	3/3/2020	IMG_0281.AVI	2/26/2020 13:17	2/26/2020	13:17:50	Bird	Gallus gallus	2	
ENW_CT_06	3/3/2020	IMG_0282.AVI	2/26/2020 13:24	2/26/2020	13:24:28	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0283.AVI	2/26/2020 13:37	2/26/2020	13:37:58	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0285.AVI	2/26/2020 14:55	2/26/2020	14:55:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0288.AVI	2/26/2020 16:36	2/26/2020	16:36:30	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0289.AVI	2/26/2020 18:24	2/26/2020	18:24:20	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0290.AVI	2/26/2020 18:35	2/26/2020	18:35:46	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0291.AVI	2/26/2020 18:42	2/26/2020	18:42:58	Reptile	Varanus sp.	1	
ENW_CT_06	3/3/2020	IMG_0294.AVI	2/27/2020 7:23	2/27/2020	7:23:46	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0295.AVI	2/27/2020 7:24	2/27/2020	7:24:06	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0296.AVI	2/27/2020 7:53	2/27/2020	7:53:22	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0297.AVI	2/27/2020 8:00	2/27/2020	8:00:44	Bird	Amaurornis phoenicurus	2	
ENW_CT_06	3/3/2020	IMG_0298.AVI	2/27/2020 8:27	2/27/2020	8:27:12	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0299.AVI	2/27/2020 11:35	2/27/2020	11:35:42	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0300.AVI	2/27/2020 11:45	2/27/2020	11:45:14	Mammal	Tupaia glis	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
ENW_CT_06	3/3/2020	IMG_0301.AVI	2/28/2020 7:17	2/28/2020	7:17:24	Mammal	Tupaia glis	1	
ENW_CT_06	3/3/2020	IMG_0302.AVI	2/28/2020 7:17	2/28/2020	7:17:46	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_06	3/3/2020	IMG_0303.AVI	2/28/2020 7:32	2/28/2020	7:32:26	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_06	3/3/2020	IMG_0304.AVI	2/28/2020 10:17	2/28/2020	10:17:04	Mammal	Callosciurus notatus	1	
ENW_CT_06	3/3/2020	IMG_0305.AVI	2/28/2020 10:18	2/28/2020	10:18:46	NA	Unidentified sp.	1	
ENW_CT_06	3/3/2020	IMG_0306.AVI	2/28/2020 10:27	2/28/2020	10:27:34	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_06	3/3/2020	IMG_0307.AVI	2/28/2020 10:28	2/28/2020	10:28:06	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0308.AVI	2/28/2020 11:19	2/28/2020	11:19:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0309.AVI	2/28/2020 11:48	2/28/2020	11:48:22	NA	Unidentified sp.	1	
ENW_CT_06	3/3/2020	IMG_0310.AVI	2/28/2020 14:32	2/28/2020	14:32:04	Bird	Acridotheres javanicus	1	
ENW_CT_06	3/3/2020	IMG_0311.AVI	2/28/2020 14:56	2/28/2020	14:56:10	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0313.AVI	2/29/2020 8:54	2/29/2020	8:54:26	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0314.AVI	2/29/2020 8:58	2/29/2020	8:58:44	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0322.AVI	3/1/2020 7:26	3/1/2020	7:26:14	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0323.AVI	3/1/2020 7:55	3/1/2020	7:55:20	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_06	3/3/2020	IMG_0324.AVI	3/1/2020 10:22	3/1/2020	10:22:28	Mammal	Unidentified squirrel or shrew	1	
ENW_CT_06	3/3/2020	IMG_0325.AVI	3/1/2020 10:24	3/1/2020	10:24:16	Bird	Amaurornis phoenicurus	1	
ENW_CT_06	3/3/2020	IMG_0327.AVI	3/1/2020 15:33	3/1/2020	15:33:54	Bird	Acridotheres javanicus	1	
ENW_CT_06	3/3/2020	IMG_0328.AVI	3/2/2020 11:35	3/2/2020	11:35:44	Mammal	Tupaia glis	1	

Station	Latitude	Longitude	Deployment date	End Date	No. of trap nights
ENW_CT_01	1.346465992	103.798412	3-Feb-20	5-Apr-20	62
ENW_CT_02	1.345263021	103.79843	3-Feb-20	9-Jun-20	109
ENW_CT_03	1.342726992	103.800163	3-Feb-20	5-Apr-20	62
ENW_CT_04	1.339422008	103.804545	3-Feb-20	5-Apr-20	62
ENW_CT_05	1.341226967	103.80179	3-Feb-20	5-Aug-20	65
ENW_CT_06	1.339594005	103.801005	3-Feb-20	9-Jun-20	75

Appendix J2

Camera Trap Log and Data for Forested Area adjacent to Fairways Quarters

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
CT11	10/1/2021	IMG_0019.AVI	9/24/2021 20:58	9/24/2021	20:58:16	Mammal	Rattus sp.	1	
CT11	10/1/2021	IMG_0020.AVI	9/26/2021 22:55	9/26/2021	22:56:08	Mammal	Sus scrofa	1	
CT11	10/1/2021	IMG_0021.AVI	9/28/2021 20:19	9/28/2021	20:19:50	Mammal	Rattus sp.	1	
CT12	10/1/2021	IMG_0007.AVI	9/24/2021 15:38	9/24/2021	15:38:50	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0008.AVI	9/24/2021 17:58	9/24/2021	17:59:00	Bird	Gallus gallus	1	
CT12	10/1/2021	IMG_0009.AVI	9/24/2021 17:59	9/24/2021	17:59:54	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0010.AVI	9/24/2021 18:09	9/24/2021	18:09:46	Bird	Gallus gallus	1	
CT12	10/1/2021	IMG_0011.AVI	9/25/2021 12:20	9/25/2021	12:20:28	Mammal	Callosciurus notatus	1	
CT12	10/1/2021	IMG_0012.AVI	9/25/2021 13:14	9/25/2021	13:14:50	Bird	Gallus gallus	2	
CT12	10/1/2021	IMG_0013.AVI	9/25/2021 13:15	9/25/2021	13:15:32	Bird	Gallus gallus	1	
CT12	10/1/2021	IMG_0014.AVI	9/25/2021 13:21	9/25/2021	13:21:22	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0015.AVI	9/25/2021 14:02	9/25/2021	14:02:18	Bird	Gallus gallus	1	
CT12	10/1/2021	IMG_0017.AVI	9/25/2021 16:15	9/25/2021	16:16:02	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0018.AVI	9/25/2021 18:11	9/25/2021	18:11:12	Mammal	Tupaia glis	1	
CT12	10/1/2021	IMG_0019.AVI	9/26/2021 8:55	9/26/2021	8:55:24	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0020.AVI	9/26/2021 9:59	9/26/2021	9:59:10	Mammal	Macaca fascicularis	1	
CT12	10/1/2021	IMG_0021.AVI	9/26/2021 12:46	9/26/2021	12:46:12	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0022.AVI	9/26/2021 17:06	9/26/2021	17:07:06	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0023.AVI	9/26/2021 17:23	9/26/2021	17:23:12	Mammal	Unidentified squirrel or treeshrew	1	
CT12	10/1/2021	IMG_0024.AVI	9/26/2021 18:39	9/26/2021	18:39:26	NA	Unidentified sp.	1	
CT12	10/1/2021	IMG_0025.AVI	9/27/2021 8:22	9/27/2021	8:22:10	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0027.AVI	9/27/2021 13:42	9/27/2021	13:42:30	Bird	Gallus gallus	1	
CT12	10/1/2021	IMG_0028.AVI	9/27/2021 14:39	9/27/2021	14:39:24	Mammal	Tupaia glis	1	
CT12	10/1/2021	IMG_0029.AVI	9/27/2021 15:50	9/27/2021	15:50:20	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0030.AVI	9/28/2021 8:32	9/28/2021	8:32:22	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0031.AVI	9/28/2021 10:46	9/28/2021	10:46:58	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0037.AVI	9/28/2021 16:34	9/28/2021	16:34:30	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0038.AVI	9/28/2021 17:26	9/28/2021	17:26:20	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0039.AVI	9/28/2021 20:57	9/28/2021	20:57:30	Mammal	Rattus sp.	1	
CT12	10/1/2021	IMG_0040.AVI	9/29/2021 7:53	9/28/2021	7:53:54	Mammal	Tupaia glis	1	
CT12	10/1/2021	IMG_0041.AVI	9/29/2021 8:25	9/29/2021	8:25:22	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0079.AVI	9/29/2021 14:47	9/29/2021	14:47:54	Bird	Gallus gallus	1	
CT12	10/1/2021	IMG_0082.AVI	9/29/2021 15:33	9/29/2021	15:34:02	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0084.AVI	9/29/2021 16:56	9/29/2021	16:56:42	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0085.AVI	9/30/2021 9:24	9/30/2021	9:24:48	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0086.AVI	9/30/2021 10:09	9/30/2021	10:09:18	Mammal	Callosciurus notatus	1	
CT12	10/1/2021	IMG_0087.AVI	9/30/2021 13:46	9/30/2021	13:47:00	Bird	Gallus gallus	1	
CT12	10/1/2021	IMG_0088.AVI	9/30/2021 14:34	9/30/2021	14:34:48	Bird	Gallus gallus	1	
CT12	10/1/2021	IMG_0089.AVI	9/30/2021 17:44	9/30/2021	17:44:44	Bird	Gallus gallus (domestic)	1	
CT12	10/1/2021	IMG_0090.AVI	10/1/2021 9:34	10/1/2021	9:34:30	Bird	Gallus gallus (domestic)	1	
CT13	10/1/2021	IMG_0012.AVI	9/25/2021 12:28	9/25/2021	12:28:46	Mammal	Callosciurus notatus	1	
CT13	10/1/2021	IMG_0013.AVI	9/25/2021 14:06	9/25/2021	14:06:32	Mammal	Callosciurus notatus	1	
CT13	10/1/2021	IMG_0014.AVI	9/25/2021 14:51	9/25/2021	14:51:50	Mammal	Callosciurus notatus	1	
CT13	10/1/2021	IMG_0015.AVI	9/25/2021 16:33	9/25/2021	16:33:18	Mammal	Callosciurus notatus	1	
CT13	10/1/2021	IMG_0019.AVI	9/25/2021 18:30	9/25/2021	18:30:50	Mammal	Rattus sp.	1	
CT13	10/1/2021	IMG_0020.AVI	9/26/2021 13:37	9/26/2021	13:38:08	Mammal	Callosciurus notatus	1	
CT13	10/1/2021	IMG_0021.AVI	9/26/2021 21:29	9/26/2021	21:29:56	Mammal	Rattus sp.	1	
CT13	10/1/2021	IMG_0022.AVI	9/28/2021 4:20	9/27/2021	4:20:42	Mammal	Manis javanica	1	
CT13	10/1/2021	IMG_0032.AVI	9/28/2021 13:30	9/28/2021	13:30:30	Mammal	Callosciurus notatus	1	
CT13	10/1/2021	IMG_0036.AVI	9/29/2021 12:40	9/29/2021	12:40:36	Reptile	Varanus nebulosus	1	
CT13	10/1/2021	IMG_0038.AVI	9/29/2021 16:27	9/29/2021	16:27:24	Mammal	Callosciurus notatus	1	
CT13	10/1/2021	IMG_0039.AVI	9/30/2021 4:05	9/29/2021	4:05:28	Mammal	Manis javanica	1	
CT13	10/1/2021	IMG_0040.AVI	9/30/2021 20:27	9/30/2021	20:27:18	Mammal	Rattus sp.	1	
CT23	10/1/2021	IMG_0013.AVI	9/24/2021 19:06	9/24/2021	19:06:44	Mammal	Tupaia glis	1	
CT23	10/1/2021	IMG_0014.AVI	9/25/2021 18:35	9/25/2021	18:35:42	Mammal	Tupaia glis	1	
CT23	10/1/2021	IMG_0015.AVI	9/26/2021 17:48	9/26/2021	17:48:14	Mammal	Tupaia glis	1	
CT23	10/1/2021	IMG_0016.AVI	9/28/2021 6:56	9/27/2021	6:56:46	Mammal	Tupaia glis	1	
CT23	10/1/2021	IMG_0017.AVI	9/28/2021 18:12	9/28/2021	18:12:28	Mammal	Tupaia glis	1	
CT23	10/1/2021	IMG_0018.AVI	9/29/2021 7:07	9/28/2021	7:07:38	Mammal	Tupaia glis	1	
CT23	10/1/2021	IMG_0019.AVI	9/29/2021 7:07	9/28/2021	7:08:00	Mammal	Tupaia glis	2	
CT23	10/1/2021	IMG_0020.AVI	9/29/2021 7:08	9/28/2021	7:08:26	Mammal	Tupaia glis	1	
CT23	10/1/2021	IMG_0021.AVI	9/29/2021 7:08	9/28/2021	7:08:46	Mammal	Tupaia glis	1	
CT23	10/1/2021	IMG_0022.AVI	9/30/2021 6:58	9/29/2021	6:58:54	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0002.AVI	10/1/2021 14:37	10/1/2021	14:37:30	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0003.AVI	10/1/2021 15:15	10/1/2021	15:15:10	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0004.AVI	10/1/2021 15:29	10/1/2021	15:29:36	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0005.AVI	10/2/2021 9:28	10/2/2021	9:28:28	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0006.AVI	10/2/2021 15:20	10/2/2021	15:21:04	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0007.AVI	10/2/2021 15:56	10/2/2021	15:56:28	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0008.AVI	10/2/2021 16:11	10/2/2021	16:12:08	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0010.AVI	10/2/2021 17:20	10/2/2021	17:21:00	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0011.AVI	10/2/2021 17:21	10/2/2021	17:21:28	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0012.AVI	10/2/2021 17:21	10/2/2021	17:22:04	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0013.AVI	10/2/2021 17:22	10/2/2021	17:22:44	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0014.AVI	10/2/2021 17:23	10/2/2021	17:23:22	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0015.AVI	10/2/2021 17:23	10/2/2021	17:23:44	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0016.AVI	10/2/2021 17:24	10/2/2021	17:24:20	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0017.AVI	10/3/2021 8:18	10/3/2021	8:18:52	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0018.AVI	10/3/2021 8:20	10/3/2021	8:20:24	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0019.AVI	10/3/2021 8:47	10/3/2021	8:47:44	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0020.AVI	10/3/2021 11:45	10/3/2021	11:45:46	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0021.AVI	10/3/2021 12:40	10/3/2021	12:41:06	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0022.AVI	10/3/2021 12:42	10/3/2021	12:42:22	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0023.AVI	10/3/2021 12:43	10/3/2021	12:43:56	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0024.AVI	10/3/2021 12:51	10/3/2021	12:51:38	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0025.AVI	10/3/2021 12:59	10/3/2021	12:59:16	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0026.AVI	10/3/2021 13:07	10/3/2021	13:07:28	Bird	Gallus gallus (domestic)	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
CT12	11/5/2021	IMG_0027.AVI	10/3/2021 15:46	10/3/2021	15:46:34	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0028.AVI	10/3/2021 18:39	10/3/2021	18:40:08	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0029.AVI	10/4/2021 9:08	10/4/2021	9:08:38	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0034.AVI	10/4/2021 18:22	10/4/2021	18:22:54	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0035.AVI	10/4/2021 19:00	10/4/2021	19:00:42	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0037.AVI	10/5/2021 7:41	10/4/2021	7:41:46	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0038.AVI	10/5/2021 8:49	10/5/2021	8:49:32	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0039.AVI	10/5/2021 12:11	10/5/2021	12:12:00	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0040.AVI	10/5/2021 14:59	10/5/2021	14:59:46	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0041.AVI	10/5/2021 15:20	10/5/2021	15:20:20	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0042.AVI	10/6/2021 7:18	10/5/2021	7:18:26	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0043.AVI	10/6/2021 7:22	10/5/2021	7:22:42	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0043.AVI	10/6/2021 7:22	10/5/2021	7:22:42	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0044.AVI	10/6/2021 7:22	10/5/2021	7:23:02	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0044.AVI	10/6/2021 7:22	10/5/2021	7:23:02	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0045.AVI	10/6/2021 13:11	10/6/2021	13:11:46	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0046.AVI	10/6/2021 14:41	10/6/2021	14:41:50	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0047.AVI	10/7/2021 9:32	10/7/2021	9:32:20	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0049.AVI	10/7/2021 22:04	10/7/2021	22:04:16	Mammal	Rattus sp.	1	
CT12	11/5/2021	IMG_0050.AVI	10/8/2021 1:59	10/7/2021	1:59:10	Mammal	Rattus sp.	1	
CT12	11/5/2021	IMG_0051.AVI	10/8/2021 17:37	10/8/2021	17:37:26	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0052.AVI	10/9/2021 7:55	10/8/2021	7:56:06	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0053.AVI	10/9/2021 9:12	10/9/2021	9:12:30	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0055.AVI	10/9/2021 16:48	10/9/2021	16:48:14	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0056.AVI	10/9/2021 16:48	10/9/2021	16:48:48	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0057.AVI	10/9/2021 16:50	10/9/2021	16:50:12	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0058.AVI	10/10/2021 8:04	10/10/2021	8:05:06	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0059.AVI	10/10/2021 8:40	10/10/2021	8:40:56	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0060.AVI	10/10/2021 8:41	10/10/2021	8:41:16	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0061.AVI	10/10/2021 8:41	10/10/2021	8:41:36	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0062.AVI	10/10/2021 8:42	10/10/2021	8:43:08	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0063.AVI	10/10/2021 9:30	10/10/2021	9:31:02	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0064.AVI	10/10/2021 10:08	10/10/2021	10:08:34	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0064.AVI	10/10/2021 10:08	10/10/2021	10:08:34	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0065.AVI	10/10/2021 10:09	10/10/2021	10:09:46	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0065.AVI	10/10/2021 10:09	10/10/2021	10:09:46	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0066.AVI	10/10/2021 10:44	10/10/2021	10:44:54	Bird	Gallus gallus	2	
CT12	11/5/2021	IMG_0067.AVI	10/10/2021 11:05	10/10/2021	11:05:22	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0068.AVI	10/10/2021 13:27	10/10/2021	13:27:16	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0069.AVI	10/10/2021 13:27	10/10/2021	13:27:40	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0070.AVI	10/10/2021 13:33	10/10/2021	13:33:16	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0071.AVI	10/10/2021 13:33	10/10/2021	13:33:40	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0072.AVI	10/11/2021 8:08	10/11/2021	8:08:30	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0073.AVI	10/11/2021 8:08	10/11/2021	8:08:50	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0074.AVI	10/11/2021 8:46	10/11/2021	8:46:40	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0075.AVI	10/11/2021 11:48	10/11/2021	11:49:08	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0076.AVI	10/11/2021 13:36	10/11/2021	13:36:10	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0077.AVI	10/11/2021 13:37	10/11/2021	13:37:54	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0078.AVI	10/11/2021 16:27	10/11/2021	16:27:10	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0079.AVI	10/12/2021 8:29	10/12/2021	8:29:50	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0080.AVI	10/12/2021 13:32	10/12/2021	13:33:00	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0081.AVI	10/12/2021 21:34	10/12/2021	21:34:58	Mammal	Manis javanica	1	
CT12	11/5/2021	IMG_0082.AVI	10/13/2021 7:17	10/12/2021	7:17:12	Bird	Gallus gallus	2	
CT12	11/5/2021	IMG_0083.AVI	10/13/2021 7:30	10/12/2021	7:30:42	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0084.AVI	10/13/2021 8:55	10/13/2021	8:56:08	Bird	Gallus gallus	2	
CT12	11/5/2021	IMG_0085.AVI	10/13/2021 9:02	10/13/2021	9:02:46	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0086.AVI	10/13/2021 15:01	10/13/2021	15:01:28	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0087.AVI	10/13/2021 15:02	10/13/2021	15:02:10	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0088.AVI	10/13/2021 15:31	10/13/2021	15:31:20	Bird	Gallus gallus	2	
CT12	11/5/2021	IMG_0089.AVI	10/13/2021 15:35	10/13/2021	15:35:54	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0090.AVI	10/13/2021 15:47	10/13/2021	15:47:34	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0091.AVI	10/13/2021 17:34	10/13/2021	17:34:24	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0092.AVI	10/13/2021 17:34	10/13/2021	17:34:44	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0093.AVI	10/13/2021 17:35	10/13/2021	17:35:14	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0094.AVI	10/14/2021 7:07	10/13/2021	7:07:12	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0095.AVI	10/14/2021 7:19	10/13/2021	7:19:52	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0096.AVI	10/14/2021 16:35	10/14/2021	16:35:58	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0097.AVI	10/14/2021 17:45	10/14/2021	17:45:32	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0098.AVI	10/15/2021 5:38	10/14/2021	5:38:28	Mammal	Manis javanica	1	
CT12	11/5/2021	IMG_0099.AVI	10/15/2021 8:56	10/15/2021	8:57:00	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0100.AVI	10/15/2021 10:12	10/15/2021	10:12:46	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0101.AVI	10/15/2021 12:23	10/15/2021	12:23:34	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0102.AVI	10/15/2021 12:29	10/15/2021	12:29:56	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0103.AVI	10/15/2021 15:31	10/15/2021	15:31:46	Mammal	Unidentified squirrel or treeshrew	1	
CT12	11/5/2021	IMG_0104.AVI	10/15/2021 16:24	10/15/2021	16:24:50	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0105.AVI	10/15/2021 16:29	10/15/2021	16:30:06	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0106.AVI	10/15/2021 17:20	10/15/2021	17:20:58	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0106.AVI	10/15/2021 17:20	10/15/2021	17:20:58	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0107.AVI	10/15/2021 17:27	10/15/2021	17:28:08	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0108.AVI	10/16/2021 8:45	10/16/2021	8:46:06	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0109.AVI	10/16/2021 9:37	10/16/2021	9:37:44	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0110.AVI	10/16/2021 9:50	10/16/2021	9:50:18	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0110.AVI	10/16/2021 9:50	10/16/2021	9:50:18	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0111.AVI	10/16/2021 10:08	10/16/2021	10:08:32	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0112.AVI	10/16/2021 10:29	10/16/2021	10:30:08	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0113.AVI	10/16/2021 14:02	10/16/2021	14:02:14	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0114.AVI	10/16/2021 14:04	10/16/2021	14:04:10	Bird	Gallus gallus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
CT12	11/5/2021	IMG_0115.AVI	10/16/2021 15:22	10/16/2021	15:22:28	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0116.AVI	10/16/2021 15:54	10/16/2021	15:54:28	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0117.AVI	10/16/2021 16:34	10/16/2021	16:35:00	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0118.AVI	10/16/2021 18:07	10/16/2021	18:07:24	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0119.AVI	10/16/2021 18:27	10/16/2021	18:27:46	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0120.AVI	10/17/2021 7:45	10/16/2021	7:45:50	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0121.AVI	10/17/2021 8:14	10/17/2021	8:14:40	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0122.AVI	10/17/2021 9:13	10/17/2021	9:13:26	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0123.AVI	10/17/2021 11:16	10/17/2021	11:16:44	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0124.AVI	10/17/2021 11:57	10/17/2021	11:57:12	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0125.AVI	10/17/2021 12:29	10/17/2021	12:29:14	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0126.AVI	10/17/2021 12:34	10/17/2021	12:35:00	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0127.AVI	10/17/2021 15:07	10/17/2021	15:07:24	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0128.AVI	10/17/2021 16:07	10/17/2021	16:07:50	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0129.AVI	10/17/2021 17:10	10/17/2021	17:10:48	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0130.AVI	10/17/2021 22:28	10/17/2021	22:28:36	Mammal	Rattus sp.	1	
CT12	11/5/2021	IMG_0131.AVI	10/18/2021 7:00	10/17/2021	7:00:36	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0132.AVI	10/18/2021 7:08	10/17/2021	7:08:20	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0133.AVI	10/18/2021 7:57	10/17/2021	7:57:10	Bird	Gallus gallus	3	
CT12	11/5/2021	IMG_0134.AVI	10/18/2021 10:16	10/18/2021	10:16:26	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0135.AVI	10/18/2021 11:36	10/18/2021	11:36:44	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0136.AVI	10/18/2021 15:05	10/18/2021	15:05:10	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0137.AVI	10/18/2021 17:44	10/18/2021	17:44:56	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0138.AVI	10/18/2021 18:32	10/18/2021	18:32:26	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0139.AVI	10/19/2021 8:15	10/19/2021	8:16:02	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0140.AVI	10/19/2021 11:09	10/19/2021	11:10:08	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0141.AVI	10/19/2021 11:20	10/19/2021	11:21:02	Mammal	Macaca fascicularis	2	
CT12	11/5/2021	IMG_0142.AVI	10/19/2021 11:21	10/19/2021	11:21:24	Mammal	Macaca fascicularis	2	
CT12	11/5/2021	IMG_0143.AVI	10/19/2021 11:21	10/19/2021	11:21:52	Mammal	Macaca fascicularis	2	
CT12	11/5/2021	IMG_0144.AVI	10/19/2021 11:22	10/19/2021	11:22:14	Mammal	Macaca fascicularis	2	
CT12	11/5/2021	IMG_0145.AVI	10/19/2021 11:22	10/19/2021	11:22:42	Mammal	Macaca fascicularis	1	
CT12	11/5/2021	IMG_0146.AVI	10/19/2021 11:24	10/19/2021	11:24:22	Mammal	Macaca fascicularis	2	
CT12	11/5/2021	IMG_0147.AVI	10/19/2021 13:17	10/19/2021	13:17:48	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0148.AVI	10/19/2021 14:33	10/19/2021	14:33:42	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0149.AVI	10/20/2021 9:55	10/20/2021	9:55:54	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0150.AVI	10/20/2021 11:57	10/20/2021	11:57:42	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0151.AVI	10/21/2021 9:56	10/21/2021	9:56:10	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0150.AVI	10/20/2021 11:57	10/20/2021	11:57:42	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0152.AVI	10/21/2021 17:23	10/21/2021	17:23:38	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0153.AVI	10/21/2021 18:05	10/21/2021	18:06:08	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0154.AVI	10/22/2021 8:14	10/22/2021	8:14:18	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0155.AVI	10/22/2021 8:57	10/22/2021	8:58:08	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0156.AVI	10/22/2021 9:18	10/22/2021	9:18:52	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0157.AVI	10/22/2021 14:56	10/22/2021	14:56:58	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0158.AVI	10/22/2021 14:58	10/22/2021	14:58:48	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0159.AVI	10/22/2021 16:34	10/22/2021	16:34:26	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0160.AVI	10/22/2021 17:30	10/22/2021	17:30:10	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0161.AVI	10/23/2021 7:49	10/22/2021	7:49:16	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0162.AVI	10/23/2021 9:15	10/23/2021	9:15:24	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0163.AVI	10/23/2021 9:16	10/23/2021	9:16:20	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0164.AVI	10/23/2021 9:48	10/23/2021	9:48:48	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0166.AVI	10/24/2021 12:19	10/24/2021	12:20:02	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0168.AVI	10/24/2021 15:36	10/24/2021	15:36:32	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0169.AVI	10/24/2021 16:29	10/24/2021	16:29:24	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0170.AVI	10/24/2021 18:08	10/24/2021	18:08:58	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0171.AVI	10/25/2021 7:59	10/24/2021	8:00:02	Bird	Gallus gallus (domestic)	1	
CT12	11/5/2021	IMG_0172.AVI	10/25/2021 9:16	10/25/2021	9:16:22	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0173.AVI	10/26/2021 8:32	10/26/2021	8:32:14	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0174.AVI	10/26/2021 15:29	10/26/2021	15:29:34	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0175.AVI	10/26/2021 18:28	10/26/2021	18:28:28	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0176.AVI	10/26/2021 19:24	10/26/2021	19:24:22	Mammal	Rattus sp.	1	
CT12	11/5/2021	IMG_0177.AVI	10/27/2021 13:18	10/27/2021	13:19:00	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0178.AVI	10/27/2021 15:52	10/27/2021	15:52:20	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0179.AVI	10/28/2021 16:22	10/28/2021	16:22:52	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0180.AVI	10/29/2021 17:34	10/29/2021	17:35:08	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0181.AVI	10/29/2021 17:36	10/29/2021	17:37:06	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0182.AVI	10/30/2021 11:06	10/30/2021	11:06:36	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0183.AVI	10/30/2021 13:28	10/30/2021	13:28:22	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0184.AVI	10/30/2021 15:49	10/30/2021	15:49:18	Mammal	Callosciurus notatus	1	
CT12	11/5/2021	IMG_0185.AVI	10/31/2021 6:59	10/30/2021	6:59:52	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0186.AVI	10/31/2021 18:04	10/31/2021	18:04:20	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0187.AVI	10/31/2021 18:06	10/31/2021	18:06:26	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0188.AVI	11/2/2021 18:08	11/2/2021	18:08:34	Mammal	Tupaia glis	1	
CT12	11/5/2021	IMG_0189.AVI	11/3/2021 15:41	11/3/2021	15:41:12	Bird	Gallus gallus	1	
CT12	11/5/2021	IMG_0191.AVI	11/5/2021 7:38	11/4/2021	7:39:06	Bird	Gallus gallus	3	
CT12	11/5/2021	IMG_0192.AVI	11/5/2021 8:06	11/5/2021	8:06:20	Bird	Gallus gallus	1	
CT13	11/5/2021	IMG_0022.AVI	10/9/2021 17:05	10/9/2021	17:05:32	Mammal	Callosciurus notatus	2	
CT13	11/5/2021	IMG_0035.AVI	10/12/2021 7:10	10/11/2021	7:10:36	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0067.AVI	10/24/2021 1:04	10/23/2021	1:04:32	Mammal	Rattus sp.	1	
CT13	11/5/2021	IMG_0050.AVI	10/15/2021 17:30	10/15/2021	17:30:58	Mammal	Unidentified squirrel or treeshrew	1	
CT13	11/5/2021	IMG_0051.AVI	10/15/2021 17:43	10/15/2021	17:44:06	Mammal	Unidentified squirrel or treeshrew	1	
CT13	11/5/2021	IMG_0060.AVI	10/19/2021 17:23	10/19/2021	17:23:34	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0074.AVI	10/27/2021 18:11	10/27/2021	18:11:40	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0061.AVI	10/19/2021 17:24	10/19/2021	17:24:14	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0088.AVI	11/5/2021 9:59	11/5/2021	9:59:56	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0062.AVI	10/19/2021 17:59	10/19/2021	17:59:26	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0076.AVI	10/29/2021 16:24	10/29/2021	16:24:32	Mammal	Callosciurus notatus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
CT13	11/5/2021	IMG_0089.AVI	11/5/2021 12:33	11/5/2021	12:33:52	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0072.AVI	10/26/2021 15:32	10/26/2021	15:32:46	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0066.AVI	10/23/2021 13:12	10/23/2021	13:12:48	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0065.AVI	10/23/2021 11:19	10/23/2021	11:19:42	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0071.AVI	10/25/2021 15:35	10/25/2021	15:35:30	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0059.AVI	10/19/2021 17:13	10/19/2021	17:13:20	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0058.AVI	10/19/2021 15:53	10/19/2021	15:53:14	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0064.AVI	10/23/2021 11:18	10/23/2021	11:18:46	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0017.AVI	10/9/2021 15:17	10/9/2021	15:17:14	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0016.AVI	10/8/2021 18:40	10/8/2021	18:41:04	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0028.AVI	10/9/2021 17:58	10/9/2021	17:58:40	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0014.AVI	10/8/2021 18:06	10/8/2021	18:06:50	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0011.AVI	10/4/2021 17:51	10/4/2021	17:51:56	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0039.AVI	10/14/2021 16:45	10/14/2021	16:45:46	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0038.AVI	10/14/2021 16:42	10/14/2021	16:42:20	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0012.AVI	10/4/2021 17:52	10/4/2021	17:53:08	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0013.AVI	10/5/2021 11:03	10/5/2021	11:03:56	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0036.AVI	10/14/2021 15:18	10/14/2021	15:18:20	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0023.AVI	10/9/2021 17:12	10/9/2021	17:12:48	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0021.AVI	10/9/2021 15:57	10/9/2021	15:57:58	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0020.AVI	10/9/2021 15:50	10/9/2021	15:51:00	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0034.AVI	10/11/2021 18:17	10/11/2021	18:17:44	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0030.AVI	10/10/2021 14:27	10/10/2021	14:27:42	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0024.AVI	10/9/2021 17:30	10/9/2021	17:30:46	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0018.AVI	10/9/2021 15:29	10/9/2021	15:29:14	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0019.AVI	10/9/2021 15:48	10/9/2021	15:48:48	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0025.AVI	10/9/2021 17:31	10/9/2021	17:31:16	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0031.AVI	10/11/2021 17:29	10/11/2021	17:29:58	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0027.AVI	10/9/2021 17:53	10/9/2021	17:54:00	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0026.AVI	10/9/2021 17:52	10/9/2021	17:52:54	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0069.AVI	10/25/2021 10:44	10/25/2021	10:45:02	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0041.AVI	10/14/2021 17:41	10/14/2021	17:41:34	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0055.AVI	10/16/2021 18:10	10/16/2021	18:11:02	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0054.AVI	10/16/2021 13:15	10/16/2021	13:16:06	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0040.AVI	10/14/2021 17:28	10/14/2021	17:28:54	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0068.AVI	10/25/2021 9:31	10/25/2021	9:31:36	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0081.AVI	11/2/2021 13:02	11/2/2021	13:02:40	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0056.AVI	10/16/2021 18:34	10/16/2021	18:34:56	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0042.AVI	10/14/2021 18:01	10/14/2021	18:01:18	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0043.AVI	10/15/2021 8:40	10/15/2021	8:40:46	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0057.AVI	10/17/2021 14:54	10/17/2021	14:54:56	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0053.AVI	10/16/2021 13:12	10/16/2021	13:12:56	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0085.AVI	11/4/2021 17:36	11/4/2021	17:36:20	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0087.AVI	11/5/2021 9:59	11/5/2021	9:59:24	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0086.AVI	11/5/2021 7:57	11/4/2021	7:57:40	Mammal	Callosciurus notatus	1	
CT13	11/5/2021	IMG_0075.AVI	10/28/2021 8:03	10/28/2021	8:04:04	Bird	Gallus gallus	1	
CT13	11/5/2021	IMG_0073.AVI	10/26/2021 17:13	10/26/2021	17:14:02	Bird	Gallus gallus	1	
CT13	11/5/2021	IMG_0048.AVI	10/15/2021 12:00	10/15/2021	12:00:44	Reptile	Varanus nebulosus	1	
CT13	11/5/2021	IMG_0035.AVI	10/12/2021 7:10	10/11/2021	7:10:36	Mammal	Unidentified squirrel or treeshrew	1	
CT23	11/5/2021	IMG_0066.AVI	10/27/2021 6:41	10/26/2021	6:41:34	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0058.AVI	10/22/2021 8:35	10/22/2021	8:35:44	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0010.AVI	10/3/2021 7:03	10/2/2021	7:03:56	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0020.AVI	10/8/2021 8:46	10/8/2021	8:46:34	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0008.AVI	10/2/2021 18:19	10/2/2021	18:19:14	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0055.AVI	10/21/2021 8:56	10/21/2021	8:56:28	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0054.AVI	10/21/2021 7:29	10/20/2021	7:29:52	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0056.AVI	10/21/2021 18:05	10/21/2021	18:05:58	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0057.AVI	10/22/2021 7:38	10/21/2021	7:38:52	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0080.AVI	10/31/2021 6:47	10/30/2021	6:47:48	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0078.AVI	10/30/2021 7:02	10/29/2021	7:02:10	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0064.AVI	10/25/2021 7:10	10/24/2021	7:10:16	Bird	Gallus gallus	2	
CT23	11/5/2021	IMG_0014.AVI	10/3/2021 7:30	10/2/2021	7:30:28	Bird	Gallus gallus	2	
CT23	11/5/2021	IMG_0065.AVI	10/26/2021 12:52	10/26/2021	12:52:36	Mammal	Macaca fascicularis	1	
CT23	11/5/2021	IMG_0077.AVI	10/29/2021 18:50	10/29/2021	18:50:58	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0007.AVI	10/2/2021 16:20	10/2/2021	16:20:24	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0009.AVI	10/3/2021 6:55	10/2/2021	6:55:58	Mammal	Unidentified squirrel or treeshrew	1	
CT23	11/5/2021	IMG_0021.AVI	10/8/2021 17:34	10/8/2021	17:35:04	Mammal	Tupaia glis	1	
CT23	11/5/2021	IMG_0012.AVI	10/3/2021 7:18	10/2/2021	7:18:18	Bird	Gallus gallus	3	
CT23	11/5/2021	IMG_0013.AVI	10/3/2021 7:18	10/2/2021	7:19:08	Bird	Gallus gallus	3	
CT23	11/5/2021	IMG_0017.AVI	10/6/2021 0:53	10/5/2021	0:53:22	#N/A	Unidentified sp.	1	
CT23	11/5/2021	IMG_0067.AVI	10/28/2021 17:00	10/28/2021	17:01:04	Mammal	Callosciurus notatus	1	
CT23	11/5/2021	IMG_0022.AVI	10/8/2021 17:36	10/8/2021	17:36:28	Mammal	Callosciurus notatus	1	
CT23	11/5/2021	IMG_0023.AVI	10/8/2021 17:40	10/8/2021	17:41:08	Mammal	Callosciurus notatus	1	
CT23	11/5/2021	IMG_0024.AVI	10/8/2021 17:43	10/8/2021	17:44:08	Mammal	Callosciurus notatus	1	
CT23	11/5/2021	IMG_0019.AVI	10/7/2021 16:36	10/7/2021	16:36:32	Mammal	Callosciurus notatus	1	
CT23	11/5/2021	IMG_0025.AVI	10/8/2021 17:45	10/8/2021	17:45:38	Mammal	Callosciurus notatus	1	
CT23	11/5/2021	IMG_0026.AVI	10/9/2021 18:11	10/9/2021	18:11:52	Mammal	Callosciurus notatus	1	
CT23	11/5/2021	IMG_0060.AVI	10/22/2021 8:39	10/22/2021	8:40:08	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0059.AVI	10/22/2021 8:39	10/22/2021	8:39:46	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0048.AVI	10/16/2021 8:11	10/16/2021	8:11:58	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0074.AVI	10/29/2021 9:50	10/29/2021	9:50:12	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0075.AVI	10/29/2021 9:51	10/29/2021	9:51:14	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0061.AVI	10/22/2021 8:41	10/22/2021	8:42:02	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0049.AVI	10/16/2021 8:50	10/16/2021	8:50:10	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0063.AVI	10/23/2021 9:49	10/23/2021	9:49:34	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0062.AVI	10/23/2021 9:48	10/23/2021	9:49:00	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0072.AVI	10/29/2021 9:49	10/29/2021	9:49:20	Bird	Gallus gallus	1	

Station	SamplingDate	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
CT23	11/5/2021	IMG_0073.AVI	10/29/2021 9:49	10/29/2021	9:49:50	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0071.AVI	10/29/2021 9:27	10/29/2021	9:27:34	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0070.AVI	10/29/2021 9:26	10/29/2021	9:27:00	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0016.AVI	10/5/2021 17:15	10/5/2021	17:16:00	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0028.AVI	10/13/2021 17:13	10/13/2021	17:13:14	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0015.AVI	10/3/2021 7:31	10/2/2021	7:32:06	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0029.AVI	10/13/2021 17:13	10/13/2021	17:14:00	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0011.AVI	10/3/2021 7:17	10/2/2021	7:17:50	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0039.AVI	10/14/2021 7:12	10/13/2021	7:12:56	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0038.AVI	10/14/2021 7:10	10/13/2021	7:10:52	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0006.AVI	10/2/2021 11:58	10/2/2021	11:58:50	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0036.AVI	10/13/2021 17:32	10/13/2021	17:33:00	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0037.AVI	10/14/2021 7:09	10/13/2021	7:09:42	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0035.AVI	10/13/2021 17:31	10/13/2021	17:31:56	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0034.AVI	10/13/2021 17:31	10/13/2021	17:31:18	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0030.AVI	10/13/2021 17:18	10/13/2021	17:18:14	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0031.AVI	10/13/2021 17:20	10/13/2021	17:20:20	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0027.AVI	10/13/2021 17:12	10/13/2021	17:12:52	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0033.AVI	10/13/2021 17:30	10/13/2021	17:30:44	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0032.AVI	10/13/2021 17:29	10/13/2021	17:29:28	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0069.AVI	10/29/2021 9:26	10/29/2021	9:26:38	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0041.AVI	10/14/2021 18:10	10/14/2021	18:11:08	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0040.AVI	10/14/2021 7:15	10/13/2021	7:15:44	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0081.AVI	10/31/2021 9:26	10/31/2021	9:26:28	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0042.AVI	10/15/2021 6:56	10/14/2021	6:56:46	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0043.AVI	10/15/2021 7:26	10/14/2021	7:26:28	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0053.AVI	10/19/2021 18:15	10/19/2021	18:15:42	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0047.AVI	10/15/2021 17:45	10/15/2021	17:45:36	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0046.AVI	10/15/2021 7:33	10/14/2021	7:34:04	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0052.AVI	10/19/2021 15:26	10/19/2021	15:26:18	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0044.AVI	10/15/2021 7:26	10/14/2021	7:27:04	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0050.AVI	10/16/2021 17:52	10/16/2021	17:52:44	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0045.AVI	10/15/2021 7:33	10/14/2021	7:33:12	Bird	Gallus gallus	1	
CT23	11/5/2021	IMG_0018.AVI	10/6/2021 20:56	10/6/2021	20:56:10	Mammal	Manis javanica	2	Mother with 1 baby on tail
CT23	11/5/2021	IMG_0059.AVI	10/22/2021 8:39	10/22/2021	8:39:46	Mammal	Tupaia glis	1	
CT23	11/10/2021	IMG_0005.AVI	11/8/2021 16:21	11/8/2021	16:21:56	Mammal	Tupaia glis	1	
CT23	11/10/2021	IMG_0007.AVI	11/10/2021 6:53	11/9/2021	6:53:18	Mammal	Tupaia glis	2	
CT23	11/10/2021	IMG_0006.AVI	11/9/2021 12:10	11/9/2021	12:10:26	Mammal	Tupaia glis	2	

Station	Latitude	Longitude	Deployment date	End Date	No. of trap nights
CT11	1.340088034	103.799107	9/24/2021	1/11/2022	63
CT12	1.341186985	103.796252	9/24/2021	11/23/2021	60
CT13	1.337010032	103.798676	9/24/2021	11/23/2021	60
CT19	1.339304997	103.7987	9/24/2021	11/23/2021	60
CT23	1.342689022	103.79576	9/24/2021	12/16/2021	63

Appendix J3

Camera Trap Log and Data for Windsor

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_ARBCT_01	7/15/2020	IMG_0214.AVI	7/14/2020 8:23	7/14/2020	8:23:58	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/15/2020	IMG_0215.AVI	7/14/2020 8:26	7/14/2020	8:26:30	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/15/2020	IMG_0216.AVI	7/14/2020 8:28	7/14/2020	8:28:52	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/15/2020	IMG_0222.AVI	7/14/2020 14:10	7/14/2020	14:10:34	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/15/2020	IMG_0223.AVI	7/14/2020 14:11	7/14/2020	14:11:52	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/15/2020	IMG_0224.AVI	7/14/2020 14:12	7/14/2020	14:12:14	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/15/2020	IMG_0225.AVI	7/14/2020 14:17	7/14/2020	14:17:40	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/15/2020	IMG_0226.AVI	7/14/2020 14:20	7/14/2020	14:20:04	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0015.AVI	7/15/2020 12:02	7/15/2020	12:02:58	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0017.AVI	7/16/2020 8:32	7/16/2020	8:32:08	Mammal	Macaca fascicularis	1	Macaque shifted the CT
WS_ARBCT_01	7/28/2020	IMG_0020.AVI	7/16/2020 8:37	7/16/2020	8:37:34	Mammal	Macaca fascicularis	1	Macaque feeding
WS_ARBCT_01	7/28/2020	IMG_0021.AVI	7/16/2020 8:37	7/16/2020	8:37:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0022.AVI	7/16/2020 8:38	7/16/2020	8:38:22	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0023.AVI	7/16/2020 8:38	7/16/2020	8:38:54	Mammal	Macaca fascicularis	1	Interaction with Camera
WS_ARBCT_01	7/28/2020	IMG_0024.AVI	7/16/2020 8:39	7/16/2020	8:39:16	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0027.AVI	7/16/2020 8:47	7/16/2020	8:47:48	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0028.AVI	7/16/2020 8:55	7/16/2020	8:55:08	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0029.AVI	7/16/2020 8:58	7/16/2020	8:58:28	Mammal	Macaca fascicularis	1	Interaction with Camera
WS_ARBCT_01	7/28/2020	IMG_0030.AVI	7/16/2020 9:09	7/16/2020	9:09:42	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0031.AVI	7/16/2020 9:10	7/16/2020	9:10:26	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0032.AVI	7/16/2020 9:10	7/16/2020	9:10:50	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0033.AVI	7/16/2020 9:19	7/16/2020	9:19:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0034.AVI	7/16/2020 9:20	7/16/2020	9:20:20	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0039.AVI	7/22/2020 6:59	7/22/2020	6:59:48	NA	Unidentified sp.	1	
WS_ARBCT_01	7/28/2020	IMG_0041.AVI	7/22/2020 7:00	7/22/2020	7:00:32	NA	Unidentified sp.	1	
WS_ARBCT_01	7/28/2020	IMG_0042.AVI	7/22/2020 7:29	7/22/2020	7:29:50	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	7/28/2020	IMG_0043.AVI	7/22/2020 9:06	7/22/2020	9:06:08	Bird	Pycnonotus goiavier	1	
WS_ARBCT_01	7/28/2020	IMG_0044.AVI	7/22/2020 9:32	7/22/2020	9:32:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	7/28/2020	IMG_0049.AVI	7/23/2020 21:42	7/23/2020	21:42:54	NA	Unidentified sp.	1	Looks like colugo
WS_ARBCT_01	7/28/2020	IMG_0051.AVI	7/24/2020 9:09	7/24/2020	9:09:28	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	7/28/2020	IMG_0052.AVI	7/24/2020 9:12	7/24/2020	9:12:20	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	7/28/2020	IMG_0061.AVI	7/25/2020 16:11	7/25/2020	16:11:40	Bird	Pycnonotus plumosus	1	
WS_ARBCT_01	7/28/2020	IMG_0062.AVI	7/26/2020 8:06	7/26/2020	8:06:48	Mammal	Macaca fascicularis	1	Interaction with Camera
WS_ARBCT_01	7/28/2020	IMG_0063.AVI	7/26/2020 8:07	7/26/2020	8:07:12	Mammal	Macaca fascicularis	1	Interaction with Camera
WS_ARBCT_01	7/28/2020	IMG_0071.AVI	7/27/2020 11:44	7/27/2020	11:44:06	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	7/28/2020	IMG_0072.AVI	7/27/2020 12:57	7/27/2020	12:57:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	8/18/2020	IMG_0017.AVI	7/28/2020 18:50	7/28/2020	18:50:42	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01	8/18/2020	IMG_0018.AVI	7/29/2020 11:53	7/29/2020	11:53:34	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	8/18/2020	IMG_0060.AVI	8/2/2020 7:27	8/2/2020	7:27:36	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	8/18/2020	IMG_0084.AVI	8/6/2020 10:02	8/6/2020	10:02:14	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01	8/18/2020	IMG_0109.AVI	8/12/2020 18:32	8/12/2020	18:32:14	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	8/18/2020	IMG_0157.AVI	8/16/2020 11:04	8/16/2020	11:04:04	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	8/18/2020	IMG_0158.AVI	8/16/2020 11:05	8/16/2020	11:05:06	NA	Unidentified sp.	1	Interaction with camera, likely Macaca fascicularis
WS_ARBCT_01	8/18/2020	IMG_0192.AVI	8/18/2020 7:57	8/18/2020	7:57:02	NA	Unidentified sp.	1	
WS_ARBCT_01	9/15/2020	IMG_0020.AVI	9/2/2020 9:40	9/2/2020	9:40:52	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0021.AVI	9/2/2020 13:55	9/2/2020	13:55:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0022.AVI	9/2/2020 13:56	9/2/2020	13:56:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0023.AVI	9/2/2020 14:13	9/2/2020	14:13:58	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0024.AVI	9/2/2020 15:15	9/2/2020	15:15:44	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0025.AVI	9/2/2020 15:20	9/2/2020	15:20:48	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0026.AVI	9/3/2020 9:11	9/3/2020	9:11:10	Bird	Dinopium javanense	1	
WS_ARBCT_01	9/15/2020	IMG_0027.AVI	9/3/2020 9:29	9/3/2020	9:29:46	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0028.AVI	9/3/2020 9:45	9/3/2020	9:45:14	Bird	Dinopium javanense	1	
WS_ARBCT_01	9/15/2020	IMG_0029.AVI	9/3/2020 10:17	9/3/2020	10:17:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0030.AVI	9/3/2020 10:35	9/3/2020	10:35:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0031.AVI	9/3/2020 12:00	9/3/2020	12:00:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0032.AVI	9/3/2020 14:09	9/3/2020	14:09:16	Mammal	Callosciurus notatus	2	
WS_ARBCT_01	9/15/2020	IMG_0033.AVI	9/3/2020 16:51	9/3/2020	16:51:46	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0034.AVI	9/4/2020 7:34	9/4/2020	7:34:28	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0035.AVI	9/4/2020 7:58	9/4/2020	7:58:06	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0036.AVI	9/4/2020 8:32	9/4/2020	8:32:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0037.AVI	9/4/2020 8:32	9/4/2020	8:32:44	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0038.AVI	9/4/2020 16:35	9/4/2020	16:35:06	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0039.AVI	9/4/2020 16:35	9/4/2020	16:35:44	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0040.AVI	9/4/2020 16:36	9/4/2020	16:36:30	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0042.AVI	9/4/2020 16:40	9/4/2020	16:40:02	Mammal	Macaca fascicularis	2	
WS_ARBCT_01	9/15/2020	IMG_0043.AVI	9/4/2020 17:02	9/4/2020	17:02:56	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0044.AVI	9/4/2020 17:08	9/4/2020	17:08:18	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0045.AVI	9/4/2020 17:37	9/4/2020	17:37:36	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0051.AVI	9/4/2020 20:03	9/4/2020	20:03:06	Mammal	Galeopterus variegatus	1	
WS_ARBCT_01	9/15/2020	IMG_0052.AVI	9/5/2020 7:10	9/5/2020	7:10:30	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01	9/15/2020	IMG_0053.AVI	9/5/2020 7:10	9/5/2020	7:10:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0054.AVI	9/5/2020 7:13	9/5/2020	7:13:20	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0055.AVI	9/5/2020 7:18	9/5/2020	7:18:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0057.AVI	9/5/2020 7:26	9/5/2020	7:26:08	NA	Unidentified sp.	1	
WS_ARBCT_01	9/15/2020	IMG_0058.AVI	9/5/2020 7:26	9/5/2020	7:26:34	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01	9/15/2020	IMG_0059.AVI	9/5/2020 7:27	9/5/2020	7:27:06	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0060.AVI	9/5/2020 7:29	9/5/2020	7:29:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0061.AVI	9/5/2020 8:50	9/5/2020	8:50:06	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0062.AVI	9/5/2020 15:57	9/5/2020	15:57:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0063.AVI	9/5/2020 16:01	9/5/2020	16:01:44	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0064.AVI	9/5/2020 16:02	9/5/2020	16:02:12	Mammal	Macaca fascicularis	2	
WS_ARBCT_01	9/15/2020	IMG_0065.AVI	9/5/2020 17:46	9/5/2020	17:46:48	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0066.AVI	9/5/2020 17:53	9/5/2020	17:53:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0067.AVI	9/5/2020 17:57	9/5/2020	17:57:32	Mammal	Macaca fascicularis	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_ARBCT_01	9/15/2020	IMG_0068.AVI	9/5/2020 18:03	9/5/2020	18:03:46	Mammal	Macaca fascicularis	2	
WS_ARBCT_01	9/15/2020	IMG_0069.AVI	9/5/2020 18:04	9/5/2020	18:04:26	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0071.AVI	9/6/2020 7:16	9/6/2020	7:16:10	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0072.AVI	9/6/2020 7:18	9/6/2020	7:18:18	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0073.AVI	9/6/2020 7:24	9/6/2020	7:24:36	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0074.AVI	9/6/2020 7:30	9/6/2020	7:30:20	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0075.AVI	9/6/2020 7:30	9/6/2020	7:30:46	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0076.AVI	9/6/2020 7:31	9/6/2020	7:31:28	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0077.AVI	9/6/2020 7:34	9/6/2020	7:34:04	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0078.AVI	9/6/2020 7:53	9/6/2020	7:53:36	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0079.AVI	9/6/2020 7:56	9/6/2020	7:56:24	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0080.AVI	9/6/2020 8:15	9/6/2020	8:15:14	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0081.AVI	9/6/2020 9:10	9/6/2020	9:10:22	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0082.AVI	9/6/2020 9:21	9/6/2020	9:21:38	Bird	Dinopium javanense	1	
WS_ARBCT_01	9/15/2020	IMG_0083.AVI	9/6/2020 10:49	9/6/2020	10:49:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0084.AVI	9/6/2020 14:07	9/6/2020	14:07:40	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0085.AVI	9/7/2020 7:08	9/7/2020	7:08:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0086.AVI	9/7/2020 7:09	9/7/2020	7:09:16	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0087.AVI	9/7/2020 7:10	9/7/2020	7:10:52	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0088.AVI	9/7/2020 7:11	9/7/2020	7:11:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0089.AVI	9/7/2020 7:19	9/7/2020	7:19:28	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0090.AVI	9/7/2020 7:22	9/7/2020	7:22:48	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0091.AVI	9/7/2020 7:25	9/7/2020	7:25:18	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0092.AVI	9/7/2020 7:29	9/7/2020	7:29:14	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0093.AVI	9/7/2020 7:29	9/7/2020	7:29:44	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01	9/15/2020	IMG_0094.AVI	9/7/2020 7:40	9/7/2020	7:40:36	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0095.AVI	9/7/2020 7:40	9/7/2020	7:40:58	Mammal	Macaca fascicularis	2	
WS_ARBCT_01	9/15/2020	IMG_0096.AVI	9/7/2020 7:45	9/7/2020	7:45:16	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0097.AVI	9/7/2020 7:45	9/7/2020	7:45:42	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0098.AVI	9/7/2020 7:52	9/7/2020	7:52:50	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0099.AVI	9/7/2020 8:03	9/7/2020	8:03:24	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0100.AVI	9/7/2020 8:03	9/7/2020	8:03:46	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0101.AVI	9/7/2020 8:23	9/7/2020	8:23:22	NA	Unidentified sp.	1	
WS_ARBCT_01	9/15/2020	IMG_0102.AVI	9/7/2020 8:24	9/7/2020	8:24:58	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0103.AVI	9/7/2020 8:37	9/7/2020	8:37:08	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01	9/15/2020	IMG_0104.AVI	9/7/2020 9:09	9/7/2020	9:09:30	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0105.AVI	9/7/2020 9:28	9/7/2020	9:28:44	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0107.AVI	9/7/2020 12:48	9/7/2020	12:48:58	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0108.AVI	9/7/2020 17:47	9/7/2020	17:47:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0109.AVI	9/7/2020 17:48	9/7/2020	17:48:48	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0110.AVI	9/7/2020 18:02	9/7/2020	18:02:44	Mammal	Macaca fascicularis	2	
WS_ARBCT_01	9/15/2020	IMG_0111.AVI	9/7/2020 18:04	9/7/2020	18:04:06	Mammal	Macaca fascicularis	2	
WS_ARBCT_01	9/15/2020	IMG_0113.AVI	9/7/2020 18:12	9/7/2020	18:12:14	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0114.AVI	9/7/2020 18:12	9/7/2020	18:12:46	Mammal	Macaca fascicularis	2	
WS_ARBCT_01	9/15/2020	IMG_0115.AVI	9/8/2020 7:49	9/8/2020	7:49:28	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01	9/15/2020	IMG_0116.AVI	9/8/2020 7:58	9/8/2020	7:58:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0117.AVI	9/8/2020 7:59	9/8/2020	7:59:28	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0118.AVI	9/8/2020 7:59	9/8/2020	7:59:50	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0119.AVI	9/8/2020 8:23	9/8/2020	8:23:08	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0120.AVI	9/8/2020 8:23	9/8/2020	8:23:58	Mammal	Macaca fascicularis	1	
WS_ARBCT_01	9/15/2020	IMG_0121.AVI	9/8/2020 8:37	9/8/2020	8:37:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0122.AVI	9/8/2020 9:27	9/8/2020	9:27:14	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0124.AVI	9/9/2020 7:51	9/9/2020	7:51:52	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0125.AVI	9/9/2020 7:57	9/9/2020	7:57:26	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0126.AVI	9/9/2020 9:09	9/9/2020	9:09:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0127.AVI	9/9/2020 10:20	9/9/2020	10:20:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0128.AVI	9/10/2020 8:17	9/10/2020	8:17:16	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0129.AVI	9/10/2020 8:17	9/10/2020	8:17:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0130.AVI	9/10/2020 8:32	9/10/2020	8:32:28	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0131.AVI	9/10/2020 8:53	9/10/2020	8:53:36	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0132.AVI	9/10/2020 8:54	9/10/2020	8:54:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0133.AVI	9/10/2020 8:56	9/10/2020	8:56:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0134.AVI	9/10/2020 9:01	9/10/2020	9:01:02	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0135.AVI	9/10/2020 9:01	9/10/2020	9:01:58	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0136.AVI	9/10/2020 12:07	9/10/2020	12:07:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0137.AVI	9/11/2020 7:23	9/11/2020	7:23:30	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0138.AVI	9/11/2020 8:30	9/11/2020	8:30:18	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0139.AVI	9/12/2020 8:08	9/12/2020	8:08:52	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0140.AVI	9/12/2020 19:22	9/12/2020	19:22:38	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01	9/15/2020	IMG_0142.AVI	9/13/2020 7:35	9/13/2020	7:35:08	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0144.AVI	9/14/2020 18:43	9/14/2020	18:43:44	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0145.AVI	9/15/2020 8:11	9/15/2020	8:11:14	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0021.AVI	9/17/2020 22:56	9/17/2020	22:56:16	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0022.AVI	9/17/2020 22:56	9/17/2020	22:56:42	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0034.AVI	9/17/2020 22:59	9/17/2020	22:59:08	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0058.AVI	9/17/2020 23:05	9/17/2020	23:05:09	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01	9/15/2020	IMG_0102.AVI	9/17/2020 23:12	9/17/2020	23:12:07	Mammal	Callosciurus notatus	1	
WS_ARBCT_01	9/15/2020	IMG_0105.AVI	9/17/2020 23:12	9/17/2020	23:12:58	Bird	Dinopium javanense	1	
WS_ARBCT_01	9/15/2020	IMG_0116.AVI	9/17/2020 23:14	9/17/2020	23:14:45	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	8/14/2020	IMG_0022.AVI	7/28/2020 12:43	7/28/2020	12:43:28	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01B	8/14/2020	IMG_0024.AVI	7/28/2020 19:13	7/28/2020	19:13:12	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	8/14/2020	IMG_0026.AVI	7/29/2020 8:58	7/29/2020	8:58:26	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	8/14/2020	IMG_0027.AVI	7/29/2020 8:58	7/29/2020	8:58:56	Mammal	Macaca fascicularis	2	
WS_ARBCT_01B	8/14/2020	IMG_0028.AVI	7/29/2020 9:04	7/29/2020	9:04:42	Bird	Pycnonotus goiavier	1	
WS_ARBCT_01B	8/14/2020	IMG_0029.AVI	7/29/2020 9:10	7/29/2020	9:10:52	Mammal	Macaca fascicularis	2	
WS_ARBCT_01B	8/14/2020	IMG_0030.AVI	7/29/2020 9:11	7/29/2020	9:11:20	Mammal	Macaca fascicularis	2	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_ARBCT_01B	8/14/2020	IMG_0031.AVI	7/29/2020 9:28	7/29/2020	9:28:14	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	8/14/2020	IMG_0032.AVI	7/29/2020 9:28	7/29/2020	9:28:34	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	8/14/2020	IMG_0033.AVI	7/29/2020 10:18	7/29/2020	10:18:26	NA	Unidentified sp.	1	Shifted camera, probably macaque
WS_ARBCT_01B	8/14/2020	IMG_0034.AVI	7/29/2020 11:56	7/29/2020	11:56:10	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	8/14/2020	IMG_0035.AVI	7/30/2020 18:54	7/30/2020	18:54:40	NA	Unidentified sp.	1	
WS_ARBCT_01B	8/14/2020	IMG_0036.AVI	7/31/2020 12:48	7/31/2020	12:48:38	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	8/14/2020	IMG_0038.AVI	8/4/2020 9:10	8/4/2020	9:10:32	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	8/14/2020	IMG_0039.AVI	8/5/2020 15:33	8/5/2020	15:33:06	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	8/14/2020	IMG_0040.AVI	8/6/2020 10:10	8/6/2020	10:10:24	NA	Unidentified sp.	1	Interaction with camera, probbaly macaque
WS_ARBCT_01B	8/14/2020	IMG_0041.AVI	8/6/2020 10:10	8/6/2020	10:10:48	NA	Unidentified sp.	1	Interaction with camera, probbaly macaque
WS_ARBCT_01B	8/14/2020	IMG_0042.AVI	8/6/2020 10:11	8/6/2020	10:11:14	NA	Unidentified sp.	1	Interaction with camera, probbaly macaque
WS_ARBCT_01B	8/14/2020	IMG_0043.AVI	8/6/2020 10:11	8/6/2020	10:11:42	NA	Unidentified sp.	1	Interaction with camera, probbaly macaque
WS_ARBCT_01B	8/14/2020	IMG_0045.AVI	8/7/2020 9:06	8/7/2020	9:06:40	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	8/14/2020	IMG_0046.AVI	8/9/2020 8:02	8/9/2020	8:02:58	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_01B	8/14/2020	IMG_0047.AVI	8/9/2020 8:03	8/9/2020	8:03:22	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_01B	8/14/2020	IMG_0028.AVI	9/7/2020 22:30	9/7/2020	22:30:10	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0015.AVI	8/18/2020 10:47	8/18/2020	10:47:40	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0030.AVI	8/18/2020 11:49	8/18/2020	11:49:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0031.AVI	8/18/2020 11:56	8/18/2020	11:56:48	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0032.AVI	8/18/2020 11:57	8/18/2020	11:57:10	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0033.AVI	8/18/2020 11:57	8/18/2020	11:57:54	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0034.AVI	8/18/2020 11:58	8/18/2020	11:58:54	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01B	9/2/2020	IMG_0035.AVI	8/18/2020 11:59	8/18/2020	11:59:22	Mammal	Macaca fascicularis	2	Interaction with camera
WS_ARBCT_01B	9/2/2020	IMG_0036.AVI	8/18/2020 11:59	8/18/2020	11:59:48	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0037.AVI	8/18/2020 12:02	8/18/2020	12:02:24	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0038.AVI	8/18/2020 12:02	8/18/2020	12:02:48	Mammal	Macaca fascicularis	2	Interaction with camera
WS_ARBCT_01B	9/2/2020	IMG_0039.AVI	8/18/2020 12:03	8/18/2020	12:03:40	Mammal	Macaca fascicularis	2	
WS_ARBCT_01B	9/2/2020	IMG_0041.AVI	8/18/2020 13:37	8/18/2020	13:37:20	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0042.AVI	8/18/2020 15:42	8/18/2020	15:42:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0043.AVI	8/18/2020 15:43	8/18/2020	15:43:34	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0044.AVI	8/18/2020 15:44	8/18/2020	15:44:08	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0045.AVI	8/18/2020 15:44	8/18/2020	15:44:34	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0046.AVI	8/18/2020 15:46	8/18/2020	15:46:36	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0048.AVI	8/18/2020 17:37	8/18/2020	17:37:54	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0049.AVI	8/18/2020 17:56	8/18/2020	17:56:50	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0050.AVI	8/18/2020 17:59	8/18/2020	17:59:48	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0053.AVI	8/19/2020 7:03	8/19/2020	7:03:30	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0054.AVI	8/19/2020 7:09	8/19/2020	7:09:30	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0055.AVI	8/19/2020 7:10	8/19/2020	7:10:26	Mammal	Unidentified squirrel or shrew	3	
WS_ARBCT_01B	9/2/2020	IMG_0056.AVI	8/19/2020 7:21	8/19/2020	7:21:14	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0057.AVI	8/19/2020 7:28	8/19/2020	7:28:00	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0058.AVI	8/19/2020 7:28	8/19/2020	7:28:24	NA	Unidentified sp.	1	
WS_ARBCT_01B	9/2/2020	IMG_0059.AVI	8/19/2020 7:29	8/19/2020	7:29:04	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0060.AVI	8/19/2020 7:33	8/19/2020	7:33:06	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0061.AVI	8/19/2020 7:37	8/19/2020	7:37:40	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0062.AVI	8/19/2020 7:42	8/19/2020	7:42:26	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0063.AVI	8/19/2020 7:43	8/19/2020	7:43:14	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0064.AVI	8/19/2020 7:43	8/19/2020	7:43:42	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0065.AVI	8/19/2020 7:46	8/19/2020	7:46:06	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0066.AVI	8/19/2020 7:47	8/19/2020	7:47:44	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0067.AVI	8/19/2020 7:48	8/19/2020	7:48:10	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0068.AVI	8/19/2020 7:48	8/19/2020	7:48:30	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0069.AVI	8/19/2020 7:49	8/19/2020	7:49:02	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0070.AVI	8/19/2020 7:52	8/19/2020	7:52:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0071.AVI	8/19/2020 7:52	8/19/2020	7:52:32	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0072.AVI	8/19/2020 7:52	8/19/2020	7:52:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0073.AVI	8/19/2020 7:53	8/19/2020	7:53:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0074.AVI	8/19/2020 7:54	8/19/2020	7:54:24	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0075.AVI	8/19/2020 7:57	8/19/2020	7:57:48	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0076.AVI	8/19/2020 7:59	8/19/2020	7:59:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0077.AVI	8/19/2020 8:00	8/19/2020	8:00:18	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0078.AVI	8/19/2020 8:09	8/19/2020	8:09:06	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0079.AVI	8/19/2020 8:17	8/19/2020	8:17:14	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01B	9/2/2020	IMG_0080.AVI	8/19/2020 8:53	8/19/2020	8:53:46	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0083.AVI	8/19/2020 9:08	8/19/2020	9:08:24	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01B	9/2/2020	IMG_0084.AVI	8/19/2020 9:14	8/19/2020	9:14:04	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0086.AVI	8/19/2020 9:24	8/19/2020	9:24:04	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01B	9/2/2020	IMG_0087.AVI	8/19/2020 9:26	8/19/2020	9:26:36	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0088.AVI	8/19/2020 9:35	8/19/2020	9:35:24	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0089.AVI	8/19/2020 9:42	8/19/2020	9:42:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0090.AVI	8/19/2020 9:49	8/19/2020	9:49:44	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0091.AVI	8/19/2020 10:13	8/19/2020	10:13:38	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0092.AVI	8/19/2020 10:14	8/19/2020	10:14:02	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0102.AVI	8/19/2020 18:53	8/19/2020	18:53:46	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0103.AVI	8/19/2020 18:54	8/19/2020	18:54:40	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0104.AVI	8/19/2020 18:55	8/19/2020	18:55:28	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0107.AVI	8/20/2020 7:10	8/20/2020	7:10:02	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0108.AVI	8/20/2020 7:10	8/20/2020	7:10:54	Mammal	Unidentified squirrel or shrew	3	
WS_ARBCT_01B	9/2/2020	IMG_0109.AVI	8/20/2020 7:11	8/20/2020	7:11:22	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0110.AVI	8/20/2020 7:15	8/20/2020	7:15:40	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0111.AVI	8/20/2020 7:16	8/20/2020	7:16:20	Mammal	Callosciurus notatus	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_ARBCT_01B	9/2/2020	IMG_0112.AVI	8/20/2020 7:18	8/20/2020	7:18:02	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0113.AVI	8/20/2020 7:19	8/20/2020	7:19:12	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0115.AVI	8/20/2020 7:36	8/20/2020	7:36:18	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0116.AVI	8/20/2020 7:47	8/20/2020	7:47:56	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01B	9/2/2020	IMG_0117.AVI	8/20/2020 7:51	8/20/2020	7:51:04	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0118.AVI	8/20/2020 7:51	8/20/2020	7:51:32	Mammal	Callosciurus notatus	3	
WS_ARBCT_01B	9/2/2020	IMG_0119.AVI	8/20/2020 7:53	8/20/2020	7:53:46	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0121.AVI	8/20/2020 8:00	8/20/2020	8:00:16	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0122.AVI	8/20/2020 8:20	8/20/2020	8:20:18	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0123.AVI	8/20/2020 8:21	8/20/2020	8:21:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0124.AVI	8/20/2020 8:24	8/20/2020	8:24:54	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0125.AVI	8/20/2020 8:47	8/20/2020	8:47:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0126.AVI	8/20/2020 9:11	8/20/2020	9:11:24	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0127.AVI	8/20/2020 9:19	8/20/2020	9:19:50	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0167.AVI	8/20/2020 19:11	8/20/2020	19:11:32	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0169.AVI	8/20/2020 23:57	8/20/2020	23:57:12	Mammal	Unidentified fruit bat	1	
WS_ARBCT_01B	9/2/2020	IMG_0171.AVI	8/21/2020 1:17	8/21/2020	1:17:06	Mammal	Unidentified fruit bat	1	
WS_ARBCT_01B	9/2/2020	IMG_0172.AVI	8/21/2020 6:59	8/21/2020	6:59:48	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0173.AVI	8/21/2020 7:01	8/21/2020	7:01:00	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0174.AVI	8/21/2020 7:04	8/21/2020	7:04:06	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0176.AVI	8/21/2020 7:07	8/21/2020	7:07:36	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0177.AVI	8/21/2020 7:07	8/21/2020	7:07:58	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0178.AVI	8/21/2020 7:13	8/21/2020	7:13:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0179.AVI	8/21/2020 7:14	8/21/2020	7:14:46	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0180.AVI	8/21/2020 7:15	8/21/2020	7:15:14	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0181.AVI	8/21/2020 7:16	8/21/2020	7:16:08	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0182.AVI	8/21/2020 7:18	8/21/2020	7:18:52	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0183.AVI	8/21/2020 7:23	8/21/2020	7:23:02	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0184.AVI	8/21/2020 7:30	8/21/2020	7:30:46	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0185.AVI	8/21/2020 7:32	8/21/2020	7:32:12	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0186.AVI	8/21/2020 7:44	8/21/2020	7:44:16	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0187.AVI	8/21/2020 7:45	8/21/2020	7:45:16	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0188.AVI	8/21/2020 7:46	8/21/2020	7:46:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0190.AVI	8/21/2020 8:06	8/21/2020	8:06:22	Mammal	Callosciurus notatus	2	
WS_ARBCT_01B	9/2/2020	IMG_0191.AVI	8/21/2020 8:07	8/21/2020	8:07:52	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0192.AVI	8/21/2020 8:10	8/21/2020	8:10:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0193.AVI	8/21/2020 8:11	8/21/2020	8:11:20	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0195.AVI	8/21/2020 8:40	8/21/2020	8:40:58	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0196.AVI	8/21/2020 8:47	8/21/2020	8:47:02	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0197.AVI	8/21/2020 8:50	8/21/2020	8:50:58	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01B	9/2/2020	IMG_0198.AVI	8/21/2020 8:53	8/21/2020	8:53:46	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0199.AVI	8/21/2020 9:12	8/21/2020	9:12:04	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0200.AVI	8/21/2020 9:16	8/21/2020	9:16:54	Mammal	Macaca fascicularis	1	
WS_ARBCT_01B	9/2/2020	IMG_0201.AVI	8/21/2020 9:22	8/21/2020	9:22:56	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0202.AVI	8/21/2020 9:34	8/21/2020	9:34:52	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01B	9/2/2020	IMG_0203.AVI	8/21/2020 9:35	8/21/2020	9:35:18	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01B	9/2/2020	IMG_0206.AVI	8/21/2020 10:01	8/21/2020	10:01:42	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0207.AVI	8/21/2020 10:06	8/21/2020	10:06:50	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0210.AVI	8/21/2020 11:13	8/21/2020	11:13:12	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0301.AVI	8/21/2020 17:42	8/21/2020	17:42:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0305.AVI	8/21/2020 17:48	8/21/2020	17:48:16	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0308.AVI	8/21/2020 18:34	8/21/2020	18:34:44	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0309.AVI	8/21/2020 18:35	8/21/2020	18:35:44	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0053.AVI	9/15/2020 11:16	9/15/2020	11:16:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0054.AVI	9/15/2020 11:17	9/15/2020	11:17:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0056.AVI	9/15/2020 11:20	9/15/2020	11:20:42	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0059.AVI	9/15/2020 11:22	9/15/2020	11:22:58	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0060.AVI	9/15/2020 11:24	9/15/2020	11:24:07	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0068.AVI	9/15/2020 11:29	9/15/2020	11:29:10	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0069.AVI	9/15/2020 11:31	9/15/2020	11:31:06	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01B	9/2/2020	IMG_0070.AVI	9/15/2020 11:31	9/15/2020	11:31:40	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0078.AVI	9/15/2020 14:33	9/15/2020	14:33:11	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0110.AVI	9/15/2020 14:48	9/15/2020	14:48:06	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0112.AVI	9/15/2020 14:48	9/15/2020	14:48:51	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0113.AVI	9/15/2020 14:49	9/15/2020	14:49:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0116.AVI	9/15/2020 14:51	9/15/2020	14:51:31	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0119.AVI	9/15/2020 14:54	9/15/2020	14:54:11	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/2/2020	IMG_0119.AVI	9/15/2020 14:54	9/15/2020	14:54:19	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_01B	9/2/2020	IMG_0122.AVI	9/15/2020 14:55	9/15/2020	14:55:11	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0123.AVI	9/15/2020 14:55	9/15/2020	14:55:35	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0176.AVI	9/15/2020 15:06	9/15/2020	15:06:59	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0177.AVI	9/15/2020 15:07	9/15/2020	15:07:24	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/2/2020	IMG_0178.AVI	9/15/2020 15:07	9/15/2020	15:07:50	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_01B	9/2/2020	IMG_0191.AVI	9/15/2020 15:12	9/15/2020	15:12:30	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_01B	9/15/2020	IMG_0041.AVI	9/6/2020 7:19	9/6/2020	7:19:14	Mammal	Callosciurus notatus	1	
WS_ARBCT_01B	9/15/2020	IMG_0064.AVI	9/8/2020 17:50	9/8/2020	17:50:38	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01B	9/15/2020	IMG_0065.AVI	9/8/2020 17:51	9/8/2020	17:51:00	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01B	9/15/2020	IMG_0066.AVI	9/8/2020 17:51	9/8/2020	17:51:22	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_01B	9/15/2020	IMG_0067.AVI	9/8/2020 17:51	9/8/2020	17:51:48	Mammal	Macaca fascicularis	1	Shifting of camera
WS_ARBCT_01B	9/15/2020	IMG_0068.AVI	9/8/2020 17:52	9/8/2020	17:52:24	Mammal	Macaca fascicularis	1	Shifting of camera
WS_ARBCT_01B	9/15/2020	IMG_0069.AVI	9/8/2020 17:53	9/8/2020	17:53:04	Mammal	Macaca fascicularis	1	Shifting of camera
WS_ARBCT_01B	9/15/2020	IMG_0070.AVI	9/8/2020 17:53	9/8/2020	17:53:24	Mammal	Macaca fascicularis	1	Shifting of camera
WS_ARBCT_01B	9/15/2020	IMG_0166.AVI	9/14/2020 0:56	9/14/2020	0:56:26	Mammal	Unidentified fruit bat	2	
WS_ARBCT_01B	9/15/2020	IMG_0168.AVI	9/14/2020 8:04	9/14/2020	8:04:30	Mammal	Macaca fascicularis	1	Shifting of camera
WS_ARBCT_02	7/15/2020	IMG_0012.AVI	7/2/2020 8:24	7/2/2020	8:24:04	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_02	7/15/2020	IMG_0013.AVI	7/2/2020 9:20	7/2/2020	9:20:02	Bird	Unidentified bird	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_ARBCT_02	7/15/2020	IMG_0014.AVI	7/2/2020 9:42	7/2/2020	9:42:48	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	7/15/2020	IMG_0015.AVI	7/2/2020 9:43	7/2/2020	9:43:14	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	7/28/2020	IMG_0005.AVI	7/15/2020 10:24	7/15/2020	10:24:10	Mammal	Macaca fascicularis	2	
WS_ARBCT_02	7/28/2020	IMG_0006.AVI	7/15/2020 10:24	7/15/2020	10:24:54	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	7/28/2020	IMG_0022.AVI	7/15/2020 14:39	7/15/2020	14:39:52	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	7/28/2020	IMG_0023.AVI	7/16/2020 8:08	7/16/2020	8:08:32	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	7/28/2020	IMG_0024.AVI	7/16/2020 8:11	7/16/2020	8:11:38	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	7/28/2020	IMG_0025.AVI	7/16/2020 9:17	7/16/2020	9:17:04	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	7/28/2020	IMG_0284.AVI	7/18/2020 9:11	7/18/2020	9:11:36	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	7/28/2020	IMG_0025.AVI	8/7/2020 17:30	8/7/2020	17:30:03	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	8/18/2020	IMG_0021.AVI	7/29/2020 9:15	7/29/2020	9:15:16	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0030.AVI	7/31/2020 7:00	7/31/2020	7:00:40	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0036.AVI	8/1/2020 7:04	8/1/2020	7:04:14	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0037.AVI	8/1/2020 7:50	8/1/2020	7:50:00	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0078.AVI	8/2/2020 7:37	8/2/2020	7:37:36	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0082.AVI	8/3/2020 7:15	8/3/2020	7:15:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0085.AVI	8/4/2020 7:20	8/4/2020	7:20:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0086.AVI	8/4/2020 7:40	8/4/2020	7:40:10	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	8/18/2020	IMG_0091.AVI	8/4/2020 8:42	8/4/2020	8:42:02	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0092.AVI	8/4/2020 9:38	8/4/2020	9:38:02	Mammal	Macaca fascicularis	2	
WS_ARBCT_02	8/18/2020	IMG_0093.AVI	8/4/2020 9:39	8/4/2020	9:39:12	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	8/18/2020	IMG_0094.AVI	8/4/2020 10:30	8/4/2020	10:30:58	Mammal	Macaca fascicularis	1	Macaque shifted the camera
WS_ARBCT_02	8/18/2020	IMG_0095.AVI	8/5/2020 10:05	8/5/2020	10:05:02	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	8/18/2020	IMG_0129.AVI	8/6/2020 8:49	8/6/2020	8:49:58	NA	Unidentified sp.	1	
WS_ARBCT_02	8/18/2020	IMG_0301.AVI	8/8/2020 10:37	8/8/2020	10:37:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	9/2/2020	IMG_0010.AVI	8/19/2020 5:21	8/19/2020	5:21:56	Mammal	Unidentified flying squirrel	1	
WS_ARBCT_02	9/2/2020	IMG_0011.AVI	8/19/2020 8:49	8/19/2020	8:49:18	Mammal	Macaca fascicularis	2	Interaction with camera
WS_ARBCT_02	9/2/2020	IMG_0012.AVI	8/19/2020 8:50	8/19/2020	8:50:00	Mammal	Macaca fascicularis	3	Interaction with camera
WS_ARBCT_02	9/2/2020	IMG_0013.AVI	8/19/2020 8:51	8/19/2020	8:51:00	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	9/2/2020	IMG_0017.AVI	8/20/2020 7:54	8/20/2020	7:54:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	9/2/2020	IMG_0018.AVI	8/20/2020 9:30	8/20/2020	9:30:12	Mammal	Unidentified squirrel or shrew	1	Interaction with camera
WS_ARBCT_02	9/2/2020	IMG_0019.AVI	8/20/2020 9:55	8/20/2020	9:55:30	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	9/2/2020	IMG_0020.AVI	8/20/2020 9:59	8/20/2020	9:59:02	Mammal	Macaca fascicularis	1	
WS_ARBCT_02	9/2/2020	IMG_0114.AVI	8/21/2020 4:01	8/21/2020	4:01:14	Mammal	Unidentified flying squirrel	1	Likely a flying squirrel sp. tail
WS_ARBCT_02	9/2/2020	IMG_0115.AVI	8/21/2020 7:47	8/21/2020	7:47:14	Mammal	Callosciurus notatus	1	Interaction with camera
WS_ARBCT_02	9/2/2020	IMG_0116.AVI	8/21/2020 8:25	8/21/2020	8:25:58	Bird	Dinopium javanense	1	
WS_ARBCT_02	9/2/2020	IMG_0213.AVI	8/22/2020 8:20	8/22/2020	8:20:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	9/2/2020	IMG_0231.AVI	8/24/2020 7:55	8/24/2020	7:55:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	9/2/2020	IMG_0232.AVI	8/24/2020 8:07	8/24/2020	8:07:42	NA	Unidentified sp.	1	
WS_ARBCT_02	9/2/2020	IMG_0354.AVI	8/24/2020 23:49	8/24/2020	23:49:38	Mammal	Galeopterus variegatus	1	
WS_ARBCT_02	9/2/2020	IMG_0426.AVI	8/27/2020 7:06	8/27/2020	7:06:46	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_02	9/2/2020	IMG_0427.AVI	8/27/2020 7:39	8/27/2020	7:39:30	Bird	Dinopium javanense	1	
WS_ARBCT_02	9/2/2020	IMG_0428.AVI	8/27/2020 7:40	8/27/2020	7:40:02	Bird	Dinopium javanense	1	
WS_ARBCT_02	9/2/2020	IMG_0429.AVI	8/27/2020 8:20	8/27/2020	8:20:20	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_02	9/2/2020	IMG_0430.AVI	8/27/2020 9:02	8/27/2020	9:02:44	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	9/2/2020	IMG_0463.AVI	8/28/2020 7:15	8/28/2020	7:15:28	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	9/2/2020	IMG_0464.AVI	8/28/2020 8:38	8/28/2020	8:38:18	Mammal	Macaca fascicularis	1	Interaction with camera
WS_ARBCT_02	9/2/2020	IMG_0467.AVI	8/28/2020 10:30	8/28/2020	10:30:06	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	9/2/2020	IMG_0471.AVI	8/29/2020 10:54	8/29/2020	10:54:02	Mammal	Callosciurus notatus	1	
WS_ARBCT_02	9/2/2020	IMG_0529.AVI	8/30/2020 12:43	8/30/2020	12:43:16	Bird	Unidentified bird	1	
WS_ARBCT_02	9/2/2020	IMG_0116.AVI	9/15/2020 16:49	9/15/2020	16:49:50	Mammal	Callosciurus notatus	1	Interaction with camera
WS_ARBCT_03	7/28/2020	IMG_0214.AVI	7/25/2020 7:29	7/25/2020	7:29:43	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	7/28/2020	IMG_0298.AVI	7/25/2020 16:29	7/25/2020	16:29:22	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	7/28/2020	IMG_0299.AVI	7/25/2020 20:13	7/25/2020	20:13:14	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	7/28/2020	IMG_0300.AVI	7/25/2020 20:14	7/25/2020	20:14:56	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	7/28/2020	IMG_0301.AVI	7/25/2020 20:17	7/25/2020	20:17:12	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	7/28/2020	IMG_0302.AVI	7/25/2020 20:17	7/25/2020	20:17:54	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0018.AVI	7/28/2020 15:54	7/28/2020	15:54:38	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0020.AVI	7/29/2020 18:46	7/29/2020	18:46:32	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_03	8/18/2020	IMG_0022.AVI	7/30/2020 10:23	7/30/2020	10:23:00	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0023.AVI	7/30/2020 10:23	7/30/2020	10:23:28	Mammal	Macaca fascicularis	2	
WS_ARBCT_03	8/18/2020	IMG_0025.AVI	7/31/2020 8:06	7/31/2020	8:06:28	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0026.AVI	7/31/2020 18:30	7/31/2020	18:30:42	NA	Unidentified sp.	1	
WS_ARBCT_03	8/18/2020	IMG_0028.AVI	7/31/2020 19:09	7/31/2020	19:09:54	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0037.AVI	8/3/2020 6:52	8/3/2020	6:52:50	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	8/18/2020	IMG_0039.AVI	8/4/2020 3:55	8/4/2020	3:55:08	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	8/18/2020	IMG_0043.AVI	8/5/2020 7:23	8/5/2020	7:23:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0044.AVI	8/5/2020 7:24	8/5/2020	7:24:22	NA	Unidentified sp.	1	
WS_ARBCT_03	8/18/2020	IMG_0045.AVI	8/5/2020 7:24	8/5/2020	7:24:48	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0048.AVI	8/5/2020 19:14	8/5/2020	19:14:06	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0050.AVI	8/6/2020 7:19	8/6/2020	7:19:26	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0051.AVI	8/6/2020 7:47	8/6/2020	7:47:40	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0052.AVI	8/6/2020 19:33	8/6/2020	19:33:34	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0053.AVI	8/6/2020 19:34	8/6/2020	19:34:02	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0056.AVI	8/10/2020 1:42	8/10/2020	1:42:02	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	8/18/2020	IMG_0060.AVI	8/10/2020 19:01	8/10/2020	19:01:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0061.AVI	8/10/2020 19:30	8/10/2020	19:30:34	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0062.AVI	8/11/2020 7:11	8/11/2020	7:11:56	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0063.AVI	8/11/2020 7:13	8/11/2020	7:13:16	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0064.AVI	8/11/2020 7:13	8/11/2020	7:13:48	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0067.AVI	8/12/2020 10:40	8/12/2020	10:40:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0068.AVI	8/12/2020 13:29	8/12/2020	13:29:10	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0069.AVI	8/12/2020 14:28	8/12/2020	14:28:20	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0070.AVI	8/12/2020 14:35	8/12/2020	14:35:30	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0071.AVI	8/12/2020 16:15	8/12/2020	16:15:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0072.AVI	8/14/2020 8:39	8/14/2020	8:39:00	Mammal	Callosciurus notatus	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_ARBCT_03	8/18/2020	IMG_0073.AVI	8/14/2020 12:00	8/14/2020	12:00:42	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	8/18/2020	IMG_0077.AVI	8/17/2020 6:10	8/17/2020	6:10:26	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	8/18/2020	IMG_0078.AVI	8/17/2020 7:14	8/17/2020	7:14:00	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0079.AVI	8/17/2020 9:27	8/17/2020	9:27:00	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0080.AVI	8/17/2020 10:20	8/17/2020	10:20:58	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0081.AVI	8/17/2020 17:31	8/17/2020	17:31:56	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	8/18/2020	IMG_0050.AVI	9/9/2020 13:11	9/9/2020	13:11:30	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	9/2/2020	IMG_0022.AVI	8/22/2020 18:11	8/22/2020	18:11:52	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_03	9/2/2020	IMG_0023.AVI	8/22/2020 18:28	8/22/2020	18:28:54	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	9/2/2020	IMG_0024.AVI	8/23/2020 15:41	8/23/2020	15:41:54	Bird	Oriolus chinensis	1	
WS_ARBCT_03	9/2/2020	IMG_0025.AVI	8/23/2020 19:33	8/23/2020	19:33:06	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	9/2/2020	IMG_0026.AVI	8/23/2020 19:35	8/23/2020	19:35:02	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	9/2/2020	IMG_0027.AVI	8/23/2020 21:30	8/23/2020	21:30:14	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	9/2/2020	IMG_0028.AVI	8/23/2020 23:30	8/23/2020	23:30:10	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	9/2/2020	IMG_0040.AVI	8/25/2020 8:20	8/25/2020	8:20:12	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	9/2/2020	IMG_0067.AVI	8/29/2020 16:27	8/29/2020	16:27:10	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	9/2/2020	IMG_0085.AVI	9/1/2020 8:53	9/1/2020	8:53:56	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	9/2/2020	IMG_0024.AVI	9/16/2020 15:53	9/16/2020	15:53:21	Mammal	Callosciurus notatus	1	
WS_ARBCT_03	9/15/2020	IMG_0021.AVI	9/4/2020 13:03	9/4/2020	13:03:46	Bird	Acridotheres javanicus	1	
WS_ARBCT_03	9/15/2020	IMG_0033.AVI	9/6/2020 9:53	9/6/2020	9:53:20	Bird	Unidentified bird	1	
WS_ARBCT_03	9/15/2020	IMG_0044.AVI	9/7/2020 4:15	9/7/2020	4:15:44	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	9/15/2020	IMG_0046.AVI	9/7/2020 9:55	9/7/2020	9:55:34	Reptile	Varanus sp.	1	
WS_ARBCT_03	9/15/2020	IMG_0144.AVI	9/12/2020 6:01	9/12/2020	6:01:10	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	9/15/2020	IMG_0145.AVI	9/12/2020 9:15	9/12/2020	9:15:54	Mammal	Macaca fascicularis	1	
WS_ARBCT_03	9/15/2020	IMG_0148.AVI	9/13/2020 20:21	9/13/2020	20:21:04	Mammal	Galeopterus variegatus	1	
WS_ARBCT_03	9/15/2020	IMG_0152.AVI	9/14/2020 23:23	9/14/2020	23:23:04	Mammal	Galeopterus variegatus	1	
WS_ARBCT_04	7/15/2020	IMG_0075.AVI	7/5/2020 7:25	7/5/2020	7:25:30	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	7/15/2020	IMG_0227.AVI	7/7/2020 16:09	7/7/2020	16:09:44	NA	Unidentified sp.	1	
WS_ARBCT_04	7/15/2020	IMG_0229.AVI	7/8/2020 8:24	7/8/2020	8:24:00	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	7/15/2020	IMG_0230.AVI	7/8/2020 18:00	7/8/2020	18:00:16	Mammal	Callosciurus notatus	2	
WS_ARBCT_04	7/15/2020	IMG_0231.AVI	7/9/2020 13:25	7/9/2020	13:25:56	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	7/15/2020	IMG_0232.AVI	7/9/2020 13:43	7/9/2020	13:43:00	Mammal	Macaca fascicularis	1	
WS_ARBCT_04	7/15/2020	IMG_0233.AVI	7/9/2020 13:43	7/9/2020	13:43:30	Mammal	Macaca fascicularis	1	
WS_ARBCT_04	7/15/2020	IMG_0234.AVI	7/9/2020 13:45	7/9/2020	13:45:20	NA	Unidentified sp.	1	
WS_ARBCT_04	7/15/2020	IMG_0235.AVI	7/9/2020 13:45	7/9/2020	13:45:42	Mammal	Macaca fascicularis	1	
WS_ARBCT_04	7/15/2020	IMG_0237.AVI	7/12/2020 4:39	7/12/2020	4:39:28	Mammal	Unidentified flying squirrel	1	
WS_ARBCT_04	7/15/2020	IMG_0238.AVI	7/12/2020 7:33	7/12/2020	7:33:52	Mammal	Macaca fascicularis	1	
WS_ARBCT_04	7/15/2020	IMG_0241.AVI	7/15/2020 2:11	7/15/2020	2:11:10	Mammal	Unidentified flying squirrel	1	
WS_ARBCT_04	7/28/2020	IMG_0007.AVI	7/15/2020 18:33	7/15/2020	18:33:30	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_04	7/28/2020	IMG_0008.AVI	7/16/2020 14:05	7/16/2020	14:05:56	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_04	7/28/2020	IMG_0009.AVI	7/16/2020 14:06	7/16/2020	14:06:18	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_04	7/28/2020	IMG_0034.AVI	7/17/2020 17:36	7/17/2020	17:36:14	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_04	7/28/2020	IMG_0035.AVI	7/17/2020 17:57	7/17/2020	17:57:48	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	7/28/2020	IMG_0036.AVI	7/18/2020 7:09	7/18/2020	7:09:34	Mammal	Unidentified squirrel or shrew	2	
WS_ARBCT_04	7/28/2020	IMG_0051.AVI	7/20/2020 9:41	7/20/2020	9:41:58	Mammal	Macaca fascicularis	1	
WS_ARBCT_04	7/28/2020	IMG_0069.AVI	7/22/2020 11:34	7/22/2020	11:34:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	7/28/2020	IMG_0075.AVI	7/24/2020 14:35	7/24/2020	14:35:44	Mammal	Macaca fascicularis	1	
WS_ARBCT_04	8/18/2020	IMG_0044.AVI	8/2/2020 8:11	8/2/2020	8:11:56	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_04	8/18/2020	IMG_0053.AVI	8/4/2020 18:31	8/4/2020	18:31:18	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	8/18/2020	IMG_0229.AVI	8/8/2020 18:16	8/8/2020	18:16:14	NA	Unidentified sp.	1	
WS_ARBCT_04	8/18/2020	IMG_0309.AVI	8/12/2020 15:51	8/12/2020	15:51:00	Mammal	Macaca fascicularis	1	
WS_ARBCT_04	8/18/2020	IMG_0229.AVI	9/11/2020 16:40	9/11/2020	16:40:01	Bird	Unidentified bird	1	
WS_ARBCT_04	9/2/2020	IMG_0008.AVI	8/18/2020 13:37	8/18/2020	13:37:04	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0010.AVI	8/19/2020 16:46	8/19/2020	16:46:58	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0011.AVI	8/19/2020 16:47	8/19/2020	16:47:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0021.AVI	8/21/2020 8:40	8/21/2020	8:40:46	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_04	9/2/2020	IMG_0037.AVI	8/23/2020 7:41	8/23/2020	7:41:28	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_04	9/2/2020	IMG_0038.AVI	8/23/2020 8:14	8/23/2020	8:14:34	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0039.AVI	8/23/2020 11:59	8/23/2020	11:59:24	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0055.AVI	8/25/2020 12:20	8/25/2020	12:20:18	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0078.AVI	8/27/2020 16:56	8/27/2020	16:56:10	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_04	9/2/2020	IMG_0097.AVI	8/29/2020 17:20	8/29/2020	17:20:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0131.AVI	9/1/2020 7:57	9/1/2020	7:57:24	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0132.AVI	9/1/2020 8:01	9/1/2020	8:01:40	Mammal	Callosciurus notatus	2	
WS_ARBCT_04	9/2/2020	IMG_0133.AVI	9/1/2020 8:02	9/1/2020	8:02:38	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/2/2020	IMG_0021.AVI	9/16/2020 16:15	9/16/2020	16:15:05	Mammal	Macaca fascicularis	1	
WS_ARBCT_04	9/15/2020	IMG_0013.AVI	9/3/2020 9:24	9/3/2020	9:24:10	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/15/2020	IMG_0015.AVI	9/3/2020 10:24	9/3/2020	10:24:02	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/15/2020	IMG_0016.AVI	9/3/2020 10:27	9/3/2020	10:27:20	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/15/2020	IMG_0017.AVI	9/3/2020 18:38	9/3/2020	18:38:42	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/15/2020	IMG_0018.AVI	9/5/2020 18:46	9/5/2020	18:46:06	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_04	9/15/2020	IMG_0020.AVI	9/8/2020 7:23	9/8/2020	7:23:22	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/15/2020	IMG_0021.AVI	9/8/2020 7:57	9/8/2020	7:57:32	Mammal	Callosciurus notatus	1	
WS_ARBCT_04	9/15/2020	IMG_0025.AVI	9/10/2020 8:35	9/10/2020	8:35:04	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_05	7/28/2020	IMG_0009.AVI	7/16/2020 9:23	7/16/2020	9:23:08	Mammal	Sundasciurus tenuis	1	
WS_ARBCT_05	7/28/2020	IMG_0015.AVI	7/22/2020 8:09	7/22/2020	8:09:38	Mammal	Unidentified sp.	1	
WS_ARBCT_05	7/28/2020	IMG_0020.AVI	7/25/2020 15:18	7/25/2020	15:18:30	Mammal	Unidentified sp.	1	
WS_ARBCT_05	7/28/2020	IMG_0021.AVI	7/26/2020 7:22	7/26/2020	7:22:02	Mammal	Unidentified sp.	1	
WS_ARBCT_05	8/18/2020	IMG_0011.AVI	7/30/2020 9:01	7/30/2020	9:01:16	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_05	8/18/2020	IMG_0012.AVI	7/30/2020 9:01	7/30/2020	9:01:36	NA	Unidentified sp.	1	Interaction with camera
WS_ARBCT_05	9/2/2020	IMG_0013.AVI	8/19/2020 8:10	8/19/2020	8:10:20	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_05	9/2/2020	IMG_0014.AVI	8/19/2020 9:38	8/19/2020	9:38:02	Bird	Oriolus chinensis	1	
WS_ARBCT_05	9/2/2020	IMG_0034.AVI	8/20/2020 9:41	8/20/2020	9:41:10	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_05	9/2/2020	IMG_0120.AVI	8/24/2020 8:58	8/24/2020	8:58:04	Mammal	Unidentified squirrel or shrew	1	
WS_ARBCT_05	9/2/2020	IMG_0150.AVI	8/25/2020 8:55	8/25/2020	8:55:06	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0010.AVI	4/6/2020 17:13	4/6/2020	17:13:50	Mammal	Unidentified squirrel or shrew	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_01	6/3/2020	IMG_0011.AVI	4/6/2020 18:57	4/6/2020	18:57:10	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0012.AVI	4/6/2020 18:57	4/6/2020	18:57:44	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0013.AVI	4/6/2020 18:58	4/6/2020	18:58:06	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0014.AVI	4/6/2020 18:58	4/6/2020	18:58:28	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0015.AVI	4/6/2020 18:58	4/6/2020	18:58:50	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0016.AVI	4/6/2020 19:00	4/6/2020	19:00:34	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0017.AVI	4/6/2020 19:01	4/6/2020	19:01:00	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0018.AVI	4/6/2020 20:39	4/6/2020	20:39:18	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0019.AVI	4/6/2020 20:48	4/6/2020	20:48:10	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0020.AVI	4/6/2020 20:56	4/6/2020	20:56:46	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0021.AVI	4/6/2020 21:16	4/6/2020	21:16:16	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0025.AVI	4/8/2020 7:08	4/7/2020	7:08:22	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0026.AVI	4/8/2020 7:12	4/7/2020	7:12:06	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0022.AVI	4/7/2020 19:14	4/7/2020	19:14:10	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0023.AVI	4/7/2020 20:59	4/7/2020	20:59:30	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0024.AVI	4/7/2020 21:58	4/7/2020	21:58:18	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0030.AVI	4/8/2020 8:27	4/8/2020	8:27:12	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0031.AVI	4/8/2020 9:42	4/8/2020	9:42:40	Bird	Chalcophaps indica	1	
WS_CT_01	6/3/2020	IMG_0034.AVI	4/8/2020 16:02	4/8/2020	16:02:58	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0035.AVI	4/8/2020 16:10	4/8/2020	16:10:28	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0036.AVI	4/8/2020 19:20	4/8/2020	19:20:52	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0037.AVI	4/8/2020 23:08	4/8/2020	23:08:22	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0038.AVI	4/9/2020 2:08	4/9/2020	2:08:38	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0042.AVI	4/10/2020 3:36	4/9/2020	3:36:36	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0043.AVI	4/10/2020 7:02	4/9/2020	7:02:26	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0039.AVI	4/9/2020 15:48	4/9/2020	15:48:48	Reptile	Varanus nebulosus	1	
WS_CT_01	6/3/2020	IMG_0041.AVI	4/9/2020 19:13	4/9/2020	19:13:06	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0046.AVI	4/10/2020 17:47	4/10/2020	17:47:16	Mammal	Tupaia glis	2	
WS_CT_01	6/3/2020	IMG_0047.AVI	4/10/2020 22:57	4/10/2020	22:57:28	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0048.AVI	4/10/2020 22:57	4/10/2020	22:57:48	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0049.AVI	4/10/2020 22:58	4/10/2020	22:58:48	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0050.AVI	4/11/2020 18:47	4/11/2020	18:47:18	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0051.AVI	4/11/2020 18:47	4/11/2020	18:47:44	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0052.AVI	4/11/2020 18:52	4/11/2020	18:52:14	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0059.AVI	4/13/2020 5:08	4/12/2020	5:08:26	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0060.AVI	4/13/2020 7:19	4/12/2020	7:19:08	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0055.AVI	4/12/2020 15:34	4/12/2020	15:34:18	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0056.AVI	4/12/2020 15:35	4/12/2020	15:35:18	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0057.AVI	4/12/2020 15:35	4/12/2020	15:35:58	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0058.AVI	4/12/2020 19:03	4/12/2020	19:03:32	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0063.AVI	4/13/2020 12:16	4/13/2020	12:16:52	Mammal	Sus scrofa	3	2 piglets
WS_CT_01	6/3/2020	IMG_0064.AVI	4/13/2020 12:17	4/13/2020	12:17:28	Mammal	Sus scrofa	7	5 piglets
WS_CT_01	6/3/2020	IMG_0065.AVI	4/13/2020 12:17	4/13/2020	12:17:48	Mammal	Sus scrofa	6	5 piglets
WS_CT_01	6/3/2020	IMG_0066.AVI	4/13/2020 12:18	4/13/2020	12:18:20	Mammal	Sus scrofa	5	3 piglets
WS_CT_01	6/3/2020	IMG_0067.AVI	4/13/2020 18:53	4/13/2020	18:53:12	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0072.AVI	4/15/2020 5:33	4/14/2020	5:33:28	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0070.AVI	4/14/2020 20:56	4/14/2020	20:56:16	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0071.AVI	4/14/2020 23:03	4/14/2020	23:03:12	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0076.AVI	4/16/2020 7:59	4/15/2020	7:59:30	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0073.AVI	4/15/2020 13:13	4/15/2020	13:13:08	Mammal	Sus scrofa	1	Piglet
WS_CT_01	6/3/2020	IMG_0074.AVI	4/15/2020 18:50	4/15/2020	18:50:08	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0075.AVI	4/15/2020 19:02	4/15/2020	19:02:16	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0084.AVI	4/17/2020 4:11	4/16/2020	4:11:00	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0077.AVI	4/16/2020 9:56	4/16/2020	9:56:30	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0081.AVI	4/16/2020 17:47	4/16/2020	17:47:24	Reptile	Varanus sp.	1	
WS_CT_01	6/3/2020	IMG_0083.AVI	4/16/2020 21:11	4/16/2020	21:11:58	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0089.AVI	4/18/2020 5:45	4/17/2020	5:45:18	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0085.AVI	4/17/2020 19:59	4/17/2020	19:59:22	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0087.AVI	4/17/2020 22:21	4/17/2020	22:21:20	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0090.AVI	4/18/2020 12:56	4/18/2020	12:56:34	Mammal	Macaca fascicularis	1	
WS_CT_01	6/3/2020	IMG_0091.AVI	4/18/2020 12:56	4/18/2020	12:56:54	Mammal	Macaca fascicularis	1	
WS_CT_01	6/3/2020	IMG_0092.AVI	4/18/2020 12:57	4/18/2020	12:57:16	Mammal	Macaca fascicularis	1	
WS_CT_01	6/3/2020	IMG_0093.AVI	4/18/2020 12:58	4/18/2020	12:58:00	Mammal	Macaca fascicularis	1	
WS_CT_01	6/3/2020	IMG_0094.AVI	4/18/2020 12:58	4/18/2020	12:58:58	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_01	6/3/2020	IMG_0095.AVI	4/18/2020 12:59	4/18/2020	12:59:20	Mammal	Macaca fascicularis	1	
WS_CT_01	6/3/2020	IMG_0097.AVI	4/18/2020 15:33	4/18/2020	15:33:30	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0098.AVI	4/18/2020 15:41	4/18/2020	15:41:10	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0099.AVI	4/18/2020 17:17	4/18/2020	17:17:54	Mammal	Sus scrofa	4	4 piglets
WS_CT_01	6/3/2020	IMG_0100.AVI	4/18/2020 17:18	4/18/2020	17:18:20	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0101.AVI	4/18/2020 17:20	4/18/2020	17:20:00	Mammal	Sus scrofa	4	3 piglets
WS_CT_01	6/3/2020	IMG_0102.AVI	4/18/2020 17:36	4/18/2020	17:36:28	Mammal	Sus scrofa	3	3 piglets
WS_CT_01	6/3/2020	IMG_0103.AVI	4/18/2020 20:29	4/18/2020	20:29:14	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0106.AVI	4/20/2020 5:18	4/19/2020	5:18:08	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0105.AVI	4/19/2020 22:36	4/19/2020	22:36:50	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0114.AVI	4/21/2020 5:59	4/20/2020	5:59:56	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0115.AVI	4/21/2020 6:02	4/20/2020	6:02:16	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0116.AVI	4/21/2020 6:02	4/20/2020	6:02:38	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0117.AVI	4/21/2020 6:07	4/20/2020	6:07:18	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0118.AVI	4/21/2020 6:17	4/20/2020	6:17:30	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0119.AVI	4/21/2020 6:17	4/20/2020	6:17:52	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0111.AVI	4/20/2020 16:47	4/20/2020	16:47:44	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0112.AVI	4/20/2020 17:54	4/20/2020	17:54:42	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0121.AVI	4/21/2020 9:11	4/21/2020	9:11:54	Bird	Gallus gallus	1	
WS_CT_01	6/3/2020	IMG_0122.AVI	4/21/2020 9:32	4/21/2020	9:32:04	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0124.AVI	4/21/2020 17:48	4/21/2020	17:48:44	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0125.AVI	4/21/2020 17:49	4/21/2020	17:49:30	Mammal	Sus scrofa	3	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_01	6/3/2020	IMG_0126.AVI	4/21/2020 17:49	4/21/2020	17:49:52	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0127.AVI	4/21/2020 19:49	4/21/2020	19:49:38	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0146.AVI	4/23/2020 0:14	4/22/2020	0:14:56	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0128.AVI	4/22/2020 9:45	4/22/2020	9:45:46	Reptile	Varanus sp.	1	
WS_CT_01	6/3/2020	IMG_0129.AVI	4/22/2020 10:32	4/22/2020	10:32:54	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0138.AVI	4/22/2020 17:33	4/22/2020	17:33:04	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0139.AVI	4/22/2020 17:37	4/22/2020	17:37:58	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0140.AVI	4/22/2020 17:51	4/22/2020	17:51:52	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0141.AVI	4/22/2020 17:52	4/22/2020	17:52:30	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0142.AVI	4/22/2020 18:16	4/22/2020	18:16:30	Mammal	Sus scrofa	1	Piglet
WS_CT_01	6/3/2020	IMG_0143.AVI	4/22/2020 18:17	4/22/2020	18:17:00	Mammal	Sus scrofa	1	Piglet
WS_CT_01	6/3/2020	IMG_0144.AVI	4/22/2020 18:21	4/22/2020	18:21:24	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0145.AVI	4/22/2020 20:00	4/22/2020	20:00:00	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0150.AVI	4/24/2020 2:04	4/23/2020	2:04:24	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0147.AVI	4/23/2020 15:51	4/23/2020	15:51:28	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0148.AVI	4/23/2020 18:58	4/23/2020	18:58:28	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0149.AVI	4/23/2020 21:08	4/23/2020	21:08:34	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0157.AVI	4/25/2020 3:29	4/24/2020	3:29:44	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0158.AVI	4/25/2020 6:49	4/24/2020	6:49:42	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0159.AVI	4/25/2020 6:50	4/24/2020	6:50:26	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0160.AVI	4/25/2020 6:51	4/24/2020	6:51:08	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0162.AVI	4/25/2020 7:46	4/24/2020	7:46:54	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0151.AVI	4/24/2020 18:47	4/24/2020	18:47:44	Mammal	Sus scrofa	1	Piglet
WS_CT_01	6/3/2020	IMG_0152.AVI	4/24/2020 18:48	4/24/2020	18:48:04	Mammal	Sus scrofa	9	8 piglets
WS_CT_01	6/3/2020	IMG_0154.AVI	4/24/2020 18:49	4/24/2020	18:49:04	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0155.AVI	4/24/2020 18:56	4/24/2020	18:56:04	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0156.AVI	4/24/2020 23:38	4/24/2020	23:38:40	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0163.AVI	4/25/2020 15:21	4/25/2020	15:21:32	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0164.AVI	4/25/2020 17:12	4/25/2020	17:12:04	Mammal	Sus scrofa	1	Piglet
WS_CT_01	6/3/2020	IMG_0165.AVI	4/25/2020 17:20	4/25/2020	17:20:10	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0166.AVI	4/25/2020 17:34	4/25/2020	17:34:02	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0167.AVI	4/25/2020 18:48	4/25/2020	18:48:42	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0173.AVI	4/27/2020 2:35	4/26/2020	2:35:14	Mammal	Manis javanica	1	
WS_CT_01	6/3/2020	IMG_0174.AVI	4/27/2020 2:35	4/26/2020	2:35:36	Mammal	Manis javanica	1	
WS_CT_01	6/3/2020	IMG_0168.AVI	4/26/2020 16:29	4/26/2020	16:29:24	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0169.AVI	4/26/2020 16:59	4/26/2020	16:59:24	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0170.AVI	4/26/2020 18:10	4/26/2020	18:10:08	Mammal	Sus scrofa	8	6 piglets
WS_CT_01	6/3/2020	IMG_0171.AVI	4/26/2020 20:32	4/26/2020	20:32:38	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0172.AVI	4/27/2020 2:34	4/27/2020	2:34:40	Mammal	Manis javanica	1	
WS_CT_01	6/3/2020	IMG_0178.AVI	4/28/2020 3:39	4/27/2020	3:39:50	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0175.AVI	4/27/2020 16:55	4/27/2020	16:55:36	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0176.AVI	4/27/2020 18:08	4/27/2020	18:08:30	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0177.AVI	4/27/2020 20:28	4/27/2020	20:28:00	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0189.AVI	4/29/2020 6:28	4/28/2020	6:28:44	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0179.AVI	4/28/2020 8:14	4/28/2020	8:14:38	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0180.AVI	4/28/2020 8:15	4/28/2020	8:15:14	Mammal	Tupaia glis	2	
WS_CT_01	6/3/2020	IMG_0181.AVI	4/28/2020 8:23	4/28/2020	8:23:08	Bird	Chalcophaps indica	1	
WS_CT_01	6/3/2020	IMG_0182.AVI	4/28/2020 8:42	4/28/2020	8:42:26	Bird	Amaurornis phoenicurus	1	
WS_CT_01	6/3/2020	IMG_0183.AVI	4/28/2020 9:09	4/28/2020	9:09:30	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0184.AVI	4/28/2020 10:38	4/28/2020	10:38:58	Reptile	Unidentified Scincidae	1	
WS_CT_01	6/3/2020	IMG_0184.AVI	4/28/2020 10:38	4/28/2020	10:38:58	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0185.AVI	4/28/2020 17:43	4/28/2020	17:43:56	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0186.AVI	4/28/2020 20:31	4/28/2020	20:31:26	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0188.AVI	4/28/2020 22:55	4/28/2020	22:55:26	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0201.AVI	4/30/2020 3:09	4/29/2020	3:09:42	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0202.AVI	4/30/2020 4:58	4/29/2020	4:58:10	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0203.AVI	4/30/2020 4:59	4/29/2020	4:59:02	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0204.AVI	4/30/2020 6:48	4/29/2020	6:48:32	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0205.AVI	4/30/2020 6:49	4/29/2020	6:49:24	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0206.AVI	4/30/2020 6:52	4/29/2020	6:52:30	Mammal	Sus scrofa	4	2 piglets
WS_CT_01	6/3/2020	IMG_0207.AVI	4/30/2020 6:56	4/29/2020	6:56:52	Mammal	Sus scrofa	2	1 piglet
WS_CT_01	6/3/2020	IMG_0190.AVI	4/29/2020 10:31	4/29/2020	10:31:00	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0191.AVI	4/29/2020 10:49	4/29/2020	10:49:44	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0192.AVI	4/29/2020 10:59	4/29/2020	10:59:08	Reptile	Varanus salvator	1	
WS_CT_01	6/3/2020	IMG_0193.AVI	4/29/2020 11:03	4/29/2020	11:03:14	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0194.AVI	4/29/2020 14:11	4/29/2020	14:11:10	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0195.AVI	4/29/2020 14:16	4/29/2020	14:16:24	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0196.AVI	4/29/2020 15:40	4/29/2020	15:40:16	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0197.AVI	4/29/2020 15:45	4/29/2020	15:45:54	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0198.AVI	4/29/2020 15:46	4/29/2020	15:46:26	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0199.AVI	4/29/2020 16:31	4/29/2020	16:31:58	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0200.AVI	4/29/2020 22:37	4/29/2020	22:37:56	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0219.AVI	5/1/2020 2:16	4/30/2020	2:16:48	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0220.AVI	5/1/2020 6:43	4/30/2020	6:43:48	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0221.AVI	5/1/2020 7:06	4/30/2020	7:06:08	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0208.AVI	4/30/2020 11:32	4/30/2020	11:32:14	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0210.AVI	4/30/2020 13:42	4/30/2020	13:42:08	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0211.AVI	4/30/2020 15:05	4/30/2020	15:05:02	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0212.AVI	4/30/2020 17:19	4/30/2020	17:19:42	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0213.AVI	4/30/2020 17:20	4/30/2020	17:20:10	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0214.AVI	4/30/2020 17:34	4/30/2020	17:34:38	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0215.AVI	4/30/2020 17:35	4/30/2020	17:35:30	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0216.AVI	4/30/2020 17:52	4/30/2020	17:52:26	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0217.AVI	4/30/2020 18:27	4/30/2020	18:27:04	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0218.AVI	4/30/2020 19:16	4/30/2020	19:16:06	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0222.AVI	5/1/2020 19:20	5/1/2020	19:20:12	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_01	6/3/2020	IMG_0223.AVI	5/1/2020 22:54	5/1/2020	22:54:00	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0224.AVI	5/2/2020 0:27	5/2/2020	0:27:08	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0225.AVI	5/2/2020 19:31	5/2/2020	19:31:54	Bird	Otus lempiji	1	
WS_CT_01	6/3/2020	IMG_0226.AVI	5/2/2020 20:20	5/2/2020	20:20:46	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0227.AVI	5/2/2020 21:46	5/2/2020	21:46:08	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0228.AVI	5/2/2020 22:05	5/2/2020	22:05:32	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0235.AVI	5/4/2020 6:22	5/3/2020	6:22:30	Mammal	Paradoxurus musangus	1	
WS_CT_01	6/3/2020	IMG_0229.AVI	5/3/2020 11:03	5/3/2020	11:03:44	Mammal	Sus scrofa	3	
WS_CT_01	6/3/2020	IMG_0230.AVI	5/3/2020 11:04	5/3/2020	11:04:06	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0231.AVI	5/3/2020 11:06	5/3/2020	11:06:42	Mammal	Sus scrofa	5	4 piglets
WS_CT_01	6/3/2020	IMG_0236.AVI	5/4/2020 14:09	5/4/2020	14:09:46	Mammal	Sus scrofa	7	3 piglets
WS_CT_01	6/3/2020	IMG_0237.AVI	5/4/2020 19:19	5/4/2020	19:19:28	Mammal	Paradoxurus musangus	1	
WS_CT_01	6/3/2020	IMG_0238.AVI	5/4/2020 19:34	5/4/2020	19:34:28	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0239.AVI	5/4/2020 21:06	5/4/2020	21:06:44	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0240.AVI	5/4/2020 21:07	5/4/2020	21:07:10	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0248.AVI	5/6/2020 0:56	5/5/2020	0:56:00	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0241.AVI	5/5/2020 8:10	5/5/2020	8:10:18	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0242.AVI	5/5/2020 15:08	5/5/2020	15:08:56	Mammal	Sus scrofa	4	4 piglets
WS_CT_01	6/3/2020	IMG_0243.AVI	5/5/2020 15:09	5/5/2020	15:09:18	Mammal	Sus scrofa	1	Piglet
WS_CT_01	6/3/2020	IMG_0244.AVI	5/5/2020 18:30	5/5/2020	18:30:36	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0245.AVI	5/5/2020 18:35	5/5/2020	18:35:40	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0246.AVI	5/5/2020 18:58	5/5/2020	18:58:38	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0247.AVI	5/5/2020 22:15	5/5/2020	22:15:26	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0249.AVI	5/6/2020 14:04	5/6/2020	14:04:08	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0259.AVI	5/8/2020 3:29	5/7/2020	3:29:54	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0260.AVI	5/8/2020 3:30	5/7/2020	3:30:20	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0261.AVI	5/8/2020 3:30	5/7/2020	3:30:42	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0254.AVI	5/7/2020 18:56	5/7/2020	18:56:08	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0256.AVI	5/7/2020 19:10	5/7/2020	19:10:04	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0257.AVI	5/7/2020 19:12	5/7/2020	19:12:22	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0258.AVI	5/7/2020 21:51	5/7/2020	21:51:40	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0262.AVI	5/8/2020 14:55	5/8/2020	14:55:02	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0263.AVI	5/8/2020 14:55	5/8/2020	14:55:24	Mammal	Sus scrofa	3	2 piglets
WS_CT_01	6/3/2020	IMG_0264.AVI	5/8/2020 15:44	5/8/2020	15:44:00	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0265.AVI	5/8/2020 18:48	5/8/2020	18:48:10	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0266.AVI	5/8/2020 19:17	5/8/2020	19:17:34	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0267.AVI	5/9/2020 8:58	5/9/2020	8:58:16	Bird	Gallus gallus	2	
WS_CT_01	6/3/2020	IMG_0269.AVI	5/9/2020 11:21	5/9/2020	11:21:44	Bird	Gallus gallus	2	
WS_CT_01	6/3/2020	IMG_0270.AVI	5/9/2020 11:33	5/9/2020	11:33:30	Bird	Gallus gallus	1	
WS_CT_01	6/3/2020	IMG_0271.AVI	5/9/2020 14:58	5/9/2020	14:58:12	Bird	Gallus gallus	3	
WS_CT_01	6/3/2020	IMG_0275.AVI	5/9/2020 21:01	5/9/2020	21:01:28	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0285.AVI	5/11/2020 5:18	5/10/2020	5:18:12	Mammal	Paradoxurus musangus	1	
WS_CT_01	6/3/2020	IMG_0286.AVI	5/11/2020 7:23	5/10/2020	7:23:24	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0276.AVI	5/10/2020 8:44	5/10/2020	8:44:06	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0279.AVI	5/10/2020 12:43	5/10/2020	12:43:38	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0280.AVI	5/10/2020 12:44	5/10/2020	12:44:00	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0281.AVI	5/10/2020 17:33	5/10/2020	17:33:24	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0282.AVI	5/10/2020 18:41	5/10/2020	18:41:44	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0283.AVI	5/10/2020 18:42	5/10/2020	18:42:38	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0284.AVI	5/10/2020 19:53	5/10/2020	19:53:24	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0293.AVI	5/12/2020 1:42	5/11/2020	1:42:08	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0294.AVI	5/12/2020 4:39	5/11/2020	4:39:02	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0295.AVI	5/12/2020 5:05	5/11/2020	5:05:40	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0296.AVI	5/12/2020 6:35	5/11/2020	6:35:52	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0287.AVI	5/11/2020 14:50	5/11/2020	14:50:56	Reptile	Varanus sp.	1	
WS_CT_01	6/3/2020	IMG_0289.AVI	5/11/2020 19:27	5/11/2020	19:27:18	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0292.AVI	5/11/2020 22:06	5/11/2020	22:06:58	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0310.AVI	5/13/2020 5:03	5/12/2020	5:03:16	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0311.AVI	5/13/2020 5:35	5/12/2020	5:35:30	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0298.AVI	5/12/2020 10:09	5/12/2020	10:09:44	Reptile	Unidentified Scincidae	1	
WS_CT_01	6/3/2020	IMG_0299.AVI	5/12/2020 10:13	5/12/2020	10:13:06	Reptile	Unidentified Scincidae	1	
WS_CT_01	6/3/2020	IMG_0305.AVI	5/12/2020 17:09	5/12/2020	17:09:44	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0306.AVI	5/12/2020 18:15	5/12/2020	18:15:06	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0307.AVI	5/12/2020 18:57	5/12/2020	18:57:50	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0308.AVI	5/12/2020 20:33	5/12/2020	20:33:58	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0324.AVI	5/14/2020 3:44	5/13/2020	3:44:58	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0325.AVI	5/14/2020 7:53	5/13/2020	7:53:38	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0326.AVI	5/14/2020 7:55	5/13/2020	7:55:00	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0312.AVI	5/13/2020 15:37	5/13/2020	15:37:58	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0313.AVI	5/13/2020 15:38	5/13/2020	15:38:32	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0314.AVI	5/13/2020 17:10	5/13/2020	17:10:00	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0315.AVI	5/13/2020 17:10	5/13/2020	17:10:34	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0316.AVI	5/13/2020 17:16	5/13/2020	17:16:14	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0317.AVI	5/13/2020 17:19	5/13/2020	17:19:46	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0318.AVI	5/13/2020 18:01	5/13/2020	18:01:18	Mammal	Tupaia glis	1	
WS_CT_01	6/3/2020	IMG_0319.AVI	5/13/2020 18:08	5/13/2020	18:08:28	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	6/3/2020	IMG_0320.AVI	5/13/2020 19:04	5/13/2020	19:04:48	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0321.AVI	5/13/2020 19:43	5/13/2020	19:43:28	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0322.AVI	5/13/2020 20:04	5/13/2020	20:04:30	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0323.AVI	5/13/2020 21:31	5/13/2020	21:31:06	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0340.AVI	5/15/2020 2:30	5/14/2020	2:30:24	Mammal	Callosciurus notatus	1	
WS_CT_01	6/3/2020	IMG_0341.AVI	5/15/2020 3:12	5/14/2020	3:12:18	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0342.AVI	5/15/2020 4:02	5/14/2020	4:02:14	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0328.AVI	5/14/2020 17:16	5/14/2020	17:16:28	Reptile	Varanus nebulosus	1	
WS_CT_01	6/3/2020	IMG_0329.AVI	5/14/2020 17:33	5/14/2020	17:33:24	Mammal	Sus scrofa	2	
WS_CT_01	6/3/2020	IMG_0330.AVI	5/14/2020 17:33	5/14/2020	17:33:46	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_01	6/3/2020	IMG_0331.AVI	5/14/2020 17:34	5/14/2020	17:34:46	Mammal	Sus scrofa	2	2 piglets
WS_CT_01	6/3/2020	IMG_0332.AVI	5/14/2020 17:36	5/14/2020	17:36:20	Mammal	Sus scrofa	2	2 piglets
WS_CT_01	6/3/2020	IMG_0334.AVI	5/14/2020 18:45	5/14/2020	18:45:56	Mammal	Sus scrofa	6	3 piglets
WS_CT_01	6/3/2020	IMG_0335.AVI	5/14/2020 18:57	5/14/2020	18:57:40	Mammal	Unidentified mammal	1	Likely wild pig
WS_CT_01	6/3/2020	IMG_0336.AVI	5/14/2020 18:59	5/14/2020	18:59:32	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0337.AVI	5/14/2020 19:01	5/14/2020	19:01:40	Mammal	Sus scrofa	1	
WS_CT_01	6/3/2020	IMG_0338.AVI	5/14/2020 20:15	5/14/2020	20:15:34	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0339.AVI	5/14/2020 21:12	5/14/2020	21:12:56	Mammal	Rattus sp.	1	
WS_CT_01	6/3/2020	IMG_0343.AVI	5/15/2020 8:59	5/15/2020	8:59:44	Mammal	Macaca fascicularis	1	
WS_CT_01	6/3/2020	IMG_0344.AVI	5/15/2020 9:02	5/15/2020	9:02:20	Mammal	Macaca fascicularis	1	
WS_CT_01	6/3/2020	IMG_0345.AVI	5/15/2020 9:02	5/15/2020	9:02:48	Mammal	Macaca fascicularis	1	
WS_CT_01	7/6/2020	IMG_0010.AVI	6/3/2020 9:39	6/3/2020	9:39:06	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0011.AVI	6/3/2020 15:28	6/3/2020	15:28:04	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0012.AVI	6/3/2020 15:28	6/3/2020	15:28:42	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0013.AVI	6/3/2020 15:30	6/3/2020	15:30:34	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0014.AVI	6/3/2020 18:43	6/3/2020	18:43:30	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0015.AVI	6/3/2020 19:46	6/3/2020	19:46:06	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0016.AVI	6/4/2020 0:28	6/4/2020	0:28:56	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0017.AVI	6/4/2020 0:42	6/4/2020	0:42:24	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0018.AVI	6/4/2020 2:00	6/4/2020	2:00:28	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0019.AVI	6/4/2020 2:00	6/4/2020	2:00:52	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0020.AVI	6/4/2020 17:31	6/4/2020	17:31:18	Mammal	Sus scrofa	3	
WS_CT_01	7/6/2020	IMG_0022.AVI	6/4/2020 18:02	6/4/2020	18:02:44	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0024.AVI	6/4/2020 18:19	6/4/2020	18:19:56	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0025.AVI	6/4/2020 18:29	6/4/2020	18:29:00	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0026.AVI	6/4/2020 19:12	6/4/2020	19:12:08	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0027.AVI	6/4/2020 19:31	6/4/2020	19:31:40	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0028.AVI	6/4/2020 19:32	6/4/2020	19:32:04	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0029.AVI	6/4/2020 19:32	6/4/2020	19:32:32	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0030.AVI	6/4/2020 20:13	6/4/2020	20:13:26	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0031.AVI	6/5/2020 2:54	6/5/2020	2:54:26	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0032.AVI	6/5/2020 3:32	6/5/2020	3:32:26	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0033.AVI	6/5/2020 6:32	6/5/2020	6:32:40	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0034.AVI	6/5/2020 7:17	6/5/2020	7:17:40	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0036.AVI	6/5/2020 9:30	6/5/2020	9:30:50	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0037.AVI	6/5/2020 9:40	6/5/2020	9:40:06	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0038.AVI	6/5/2020 9:40	6/5/2020	9:40:28	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0039.AVI	6/5/2020 13:17	6/5/2020	13:17:22	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0040.AVI	6/5/2020 13:36	6/5/2020	13:36:10	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0041.AVI	6/5/2020 13:48	6/5/2020	13:48:26	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0042.AVI	6/5/2020 17:51	6/5/2020	17:51:50	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0044.AVI	6/5/2020 23:37	6/5/2020	23:37:44	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0045.AVI	6/5/2020 23:39	6/5/2020	23:39:18	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0046.AVI	6/6/2020 7:06	6/6/2020	7:06:40	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0047.AVI	6/6/2020 8:57	6/6/2020	8:57:36	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0048.AVI	6/6/2020 9:05	6/6/2020	9:05:32	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0049.AVI	6/6/2020 10:12	6/6/2020	10:12:48	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0049.AVI	6/6/2020 10:12	6/6/2020	10:12:48	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0050.AVI	6/6/2020 12:07	6/6/2020	12:07:06	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0051.AVI	6/6/2020 15:41	6/6/2020	15:41:12	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0053.AVI	6/6/2020 21:42	6/6/2020	21:42:22	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0054.AVI	6/6/2020 22:47	6/6/2020	22:47:28	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0055.AVI	6/7/2020 0:01	6/7/2020	0:01:44	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0056.AVI	6/7/2020 0:02	6/7/2020	0:02:12	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0057.AVI	6/7/2020 0:24	6/7/2020	0:24:50	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0058.AVI	6/7/2020 1:32	6/7/2020	1:32:12	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0059.AVI	6/7/2020 2:08	6/7/2020	2:08:10	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0060.AVI	6/7/2020 5:02	6/7/2020	5:02:24	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0061.AVI	6/7/2020 5:02	6/7/2020	5:02:46	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0062.AVI	6/7/2020 13:39	6/7/2020	13:39:02	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0063.AVI	6/7/2020 18:26	6/7/2020	18:26:38	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0064.AVI	6/7/2020 20:08	6/7/2020	20:08:10	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0065.AVI	6/7/2020 20:17	6/7/2020	20:17:52	Mammal	Sus scrofa	1	Piglet
WS_CT_01	7/6/2020	IMG_0066.AVI	6/7/2020 21:24	6/7/2020	21:24:16	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0067.AVI	6/7/2020 23:29	6/7/2020	23:29:28	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0068.AVI	6/7/2020 23:32	6/7/2020	23:32:14	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0069.AVI	6/7/2020 23:36	6/7/2020	23:36:36	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0070.AVI	6/8/2020 0:27	6/8/2020	0:27:02	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0071.AVI	6/8/2020 0:35	6/8/2020	0:35:54	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0072.AVI	6/8/2020 0:37	6/8/2020	0:37:14	Mammal	Rattus sp.	2	
WS_CT_01	7/6/2020	IMG_0073.AVI	6/8/2020 0:38	6/8/2020	0:38:00	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0074.AVI	6/8/2020 0:51	6/8/2020	0:51:56	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0075.AVI	6/8/2020 6:15	6/8/2020	6:15:16	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0076.AVI	6/8/2020 9:02	6/8/2020	9:02:14	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0077.AVI	6/8/2020 10:09	6/8/2020	10:09:40	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0078.AVI	6/8/2020 12:28	6/8/2020	12:28:06	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0079.AVI	6/8/2020 12:31	6/8/2020	12:31:12	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0080.AVI	6/8/2020 12:32	6/8/2020	12:32:06	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0081.AVI	6/8/2020 12:32	6/8/2020	12:32:28	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0082.AVI	6/8/2020 12:36	6/8/2020	12:36:12	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0084.AVI	6/8/2020 20:12	6/8/2020	20:12:22	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0085.AVI	6/8/2020 21:12	6/8/2020	21:12:20	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0086.AVI	6/8/2020 21:12	6/8/2020	21:12:50	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0087.AVI	6/9/2020 0:21	6/9/2020	0:21:36	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0088.AVI	6/9/2020 4:08	6/9/2020	4:08:36	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0089.AVI	6/9/2020 5:18	6/9/2020	5:18:24	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_01	7/6/2020	IMG_0090.AVI	6/9/2020 6:00	6/9/2020	6:00:44	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0091.AVI	6/9/2020 6:01	6/9/2020	6:01:06	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0092.AVI	6/9/2020 6:06	6/9/2020	6:06:50	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0093.AVI	6/9/2020 6:32	6/9/2020	6:32:36	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0094.AVI	6/9/2020 8:10	6/9/2020	8:10:04	Bird	Chalcophaps indica	1	
WS_CT_01	7/6/2020	IMG_0095.AVI	6/9/2020 9:27	6/9/2020	9:27:04	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0096.AVI	6/9/2020 20:42	6/9/2020	20:42:36	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0097.AVI	6/9/2020 20:59	6/9/2020	20:59:46	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0100.AVI	6/10/2020 11:18	6/10/2020	11:18:04	Mammal	Macaca fascicularis	1	
WS_CT_01	7/6/2020	IMG_0101.AVI	6/10/2020 11:18	6/10/2020	11:18:30	Mammal	Macaca fascicularis	1	
WS_CT_01	7/6/2020	IMG_0102.AVI	6/10/2020 11:25	6/10/2020	11:25:22	Mammal	Macaca fascicularis	1	
WS_CT_01	7/6/2020	IMG_0103.AVI	6/10/2020 11:25	6/10/2020	11:25:44	Mammal	Macaca fascicularis	1	
WS_CT_01	7/6/2020	IMG_0104.AVI	6/10/2020 15:45	6/10/2020	15:45:14	Mammal	Sus scrofa	1	Piglet
WS_CT_01	7/6/2020	IMG_0105.AVI	6/10/2020 19:27	6/10/2020	19:27:30	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0106.AVI	6/10/2020 21:39	6/10/2020	21:39:08	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0107.AVI	6/11/2020 1:27	6/11/2020	1:27:30	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0108.AVI	6/11/2020 1:27	6/11/2020	1:27:54	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0109.AVI	6/11/2020 1:28	6/11/2020	1:28:58	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0110.AVI	6/11/2020 1:29	6/11/2020	1:29:42	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0111.AVI	6/11/2020 1:30	6/11/2020	1:30:58	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0112.AVI	6/11/2020 1:37	6/11/2020	1:37:38	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0113.AVI	6/11/2020 7:02	6/11/2020	7:02:32	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0115.AVI	6/11/2020 22:01	6/11/2020	22:01:50	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0116.AVI	6/11/2020 23:42	6/11/2020	23:42:02	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0117.AVI	6/11/2020 23:42	6/11/2020	23:42:26	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0118.AVI	6/12/2020 0:58	6/12/2020	0:58:04	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0119.AVI	6/12/2020 4:07	6/12/2020	4:07:36	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0121.AVI	6/12/2020 17:34	6/12/2020	17:34:56	Mammal	Sus scrofa	4	2 piglets
WS_CT_01	7/6/2020	IMG_0122.AVI	6/12/2020 17:35	6/12/2020	17:35:30	Mammal	Sus scrofa	2	2 piglets
WS_CT_01	7/6/2020	IMG_0123.AVI	6/12/2020 17:36	6/12/2020	17:36:02	Mammal	Sus scrofa	2	1 piglet
WS_CT_01	7/6/2020	IMG_0124.AVI	6/12/2020 17:38	6/12/2020	17:38:30	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0125.AVI	6/12/2020 19:13	6/12/2020	19:13:32	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0126.AVI	6/13/2020 7:24	6/13/2020	7:24:08	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0127.AVI	6/13/2020 14:18	6/13/2020	14:18:22	Mammal	Sus scrofa	4	2 piglets
WS_CT_01	7/6/2020	IMG_0128.AVI	6/13/2020 18:51	6/13/2020	18:51:18	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0129.AVI	6/13/2020 19:04	6/13/2020	19:04:08	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0130.AVI	6/13/2020 19:04	6/13/2020	19:04:36	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0131.AVI	6/13/2020 19:08	6/13/2020	19:08:02	Mammal	Paradoxurus musangus	1	
WS_CT_01	7/6/2020	IMG_0132.AVI	6/13/2020 19:09	6/13/2020	19:09:38	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0133.AVI	6/13/2020 20:39	6/13/2020	20:39:58	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0134.AVI	6/13/2020 21:42	6/13/2020	21:42:56	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0135.AVI	6/13/2020 22:06	6/13/2020	22:06:48	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0136.AVI	6/13/2020 22:27	6/13/2020	22:27:20	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0137.AVI	6/14/2020 8:16	6/14/2020	8:16:24	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0138.AVI	6/14/2020 8:17	6/14/2020	8:17:40	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0139.AVI	6/14/2020 9:00	6/14/2020	9:00:10	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0140.AVI	6/14/2020 9:02	6/14/2020	9:02:40	Bird	Chalcophaps indica	1	
WS_CT_01	7/6/2020	IMG_0141.AVI	6/14/2020 22:35	6/14/2020	22:35:50	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0142.AVI	6/15/2020 3:24	6/15/2020	3:24:22	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0143.AVI	6/15/2020 3:45	6/15/2020	3:45:52	Mammal	Manis javanica	1	
WS_CT_01	7/6/2020	IMG_0144.AVI	6/15/2020 3:46	6/15/2020	3:46:14	Mammal	Manis javanica	1	
WS_CT_01	7/6/2020	IMG_0145.AVI	6/15/2020 5:06	6/15/2020	5:06:56	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0146.AVI	6/15/2020 5:33	6/15/2020	5:33:04	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0148.AVI	6/15/2020 6:08	6/15/2020	6:08:32	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0149.AVI	6/15/2020 14:27	6/15/2020	14:27:00	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0150.AVI	6/15/2020 14:55	6/15/2020	14:55:50	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0151.AVI	6/15/2020 14:56	6/15/2020	14:56:16	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0152.AVI	6/15/2020 17:17	6/15/2020	17:17:54	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0153.AVI	6/15/2020 18:32	6/15/2020	18:32:38	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0155.AVI	6/15/2020 22:20	6/15/2020	22:20:16	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0156.AVI	6/15/2020 23:58	6/15/2020	23:58:52	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0157.AVI	6/15/2020 23:59	6/15/2020	23:59:14	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0158.AVI	6/16/2020 5:42	6/16/2020	5:42:48	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0159.AVI	6/16/2020 6:31	6/16/2020	6:31:38	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0160.AVI	6/16/2020 8:44	6/16/2020	8:44:06	Bird	Chalcophaps indica	1	
WS_CT_01	7/6/2020	IMG_0161.AVI	6/16/2020 8:46	6/16/2020	8:46:50	Bird	Chalcophaps indica	1	
WS_CT_01	7/6/2020	IMG_0162.AVI	6/16/2020 9:23	6/16/2020	9:23:30	Bird	Gallus gallus	2	
WS_CT_01	7/6/2020	IMG_0163.AVI	6/16/2020 11:38	6/16/2020	11:38:02	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0164.AVI	6/16/2020 13:47	6/16/2020	13:47:54	Reptile	Unidentified Scincidae	1	
WS_CT_01	7/6/2020	IMG_0165.AVI	6/16/2020 15:03	6/16/2020	15:03:36	Mammal	Sus scrofa	2	
WS_CT_01	7/6/2020	IMG_0166.AVI	6/16/2020 15:03	6/16/2020	15:03:56	Mammal	Sus scrofa	3	2 piglets
WS_CT_01	7/6/2020	IMG_0167.AVI	6/16/2020 15:04	6/16/2020	15:04:20	Mammal	Sus scrofa	2	2 piglets
WS_CT_01	7/6/2020	IMG_0168.AVI	6/16/2020 19:58	6/16/2020	19:58:48	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0169.AVI	6/16/2020 23:41	6/16/2020	23:41:18	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0170.AVI	6/16/2020 23:41	6/16/2020	23:41:40	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0171.AVI	6/17/2020 2:13	6/17/2020	2:13:50	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0172.AVI	6/17/2020 8:58	6/17/2020	8:58:00	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0173.AVI	6/17/2020 8:58	6/17/2020	8:58:46	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0174.AVI	6/17/2020 8:59	6/17/2020	8:59:32	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0175.AVI	6/17/2020 18:01	6/17/2020	18:01:54	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0176.AVI	6/17/2020 18:56	6/17/2020	18:56:06	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0177.AVI	6/17/2020 18:57	6/17/2020	18:57:42	Mammal	Sus scrofa	1	Piglet
WS_CT_01	7/6/2020	IMG_0178.AVI	6/17/2020 20:49	6/17/2020	20:49:34	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0179.AVI	6/17/2020 21:23	6/17/2020	21:23:48	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0180.AVI	6/17/2020 23:40	6/17/2020	23:40:24	Mammal	Manis javanica	1	
WS_CT_01	7/6/2020	IMG_0181.AVI	6/18/2020 4:35	6/18/2020	4:35:50	Mammal	Rattus sp.	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_01	7/6/2020	IMG_0182.AVI	6/18/2020 4:36	6/18/2020	4:36:10	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0183.AVI	6/18/2020 7:34	6/18/2020	7:34:06	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0184.AVI	6/18/2020 8:58	6/18/2020	8:58:08	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0185.AVI	6/18/2020 12:27	6/18/2020	12:27:02	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0190.AVI	6/19/2020 7:01	6/19/2020	7:01:24	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0191.AVI	6/19/2020 14:52	6/19/2020	14:52:00	Bird	Chalcophaps indica	1	
WS_CT_01	7/6/2020	IMG_0192.AVI	6/19/2020 18:24	6/19/2020	18:24:54	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0193.AVI	6/19/2020 18:44	6/19/2020	18:44:30	Mammal	Sus scrofa	2	2 piglets
WS_CT_01	7/6/2020	IMG_0194.AVI	6/19/2020 18:44	6/19/2020	18:44:54	Mammal	Sus scrofa	2	2 piglets
WS_CT_01	7/6/2020	IMG_0195.AVI	6/19/2020 19:04	6/19/2020	19:04:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0196.AVI	6/19/2020 20:06	6/19/2020	20:06:24	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0197.AVI	6/19/2020 20:34	6/19/2020	20:34:26	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0198.AVI	6/19/2020 21:05	6/19/2020	21:05:38	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0199.AVI	6/19/2020 21:35	6/19/2020	21:35:14	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0200.AVI	6/19/2020 22:59	6/19/2020	22:59:38	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0201.AVI	6/19/2020 23:00	6/19/2020	23:00:06	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0202.AVI	6/19/2020 23:00	6/19/2020	23:00:40	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0204.AVI	6/19/2020 23:01	6/19/2020	23:01:46	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0206.AVI	6/20/2020 19:00	6/20/2020	19:00:40	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0207.AVI	6/20/2020 21:17	6/20/2020	21:17:10	Mammal	Rattus sp.	2	
WS_CT_01	7/6/2020	IMG_0208.AVI	6/20/2020 21:17	6/20/2020	21:17:30	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0209.AVI	6/20/2020 21:18	6/20/2020	21:18:56	Mammal	Rattus sp.	2	
WS_CT_01	7/6/2020	IMG_0210.AVI	6/20/2020 21:22	6/20/2020	21:22:58	Mammal	Rattus sp.	2	
WS_CT_01	7/6/2020	IMG_0211.AVI	6/20/2020 22:03	6/20/2020	22:03:06	NA	Unidentified sp.	2	
WS_CT_01	7/6/2020	IMG_0212.AVI	6/20/2020 22:05	6/20/2020	22:05:46	NA	Unidentified sp.	2	
WS_CT_01	7/6/2020	IMG_0213.AVI	6/20/2020 22:58	6/20/2020	22:58:48	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0214.AVI	6/20/2020 22:59	6/20/2020	22:59:20	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0215.AVI	6/20/2020 23:00	6/20/2020	23:00:34	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0216.AVI	6/20/2020 23:01	6/20/2020	23:01:14	Mammal	Rattus sp.	2	
WS_CT_01	7/6/2020	IMG_0217.AVI	6/21/2020 0:45	6/21/2020	0:45:24	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0218.AVI	6/21/2020 3:52	6/21/2020	3:52:04	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0221.AVI	6/21/2020 17:06	6/21/2020	17:06:38	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0222.AVI	6/21/2020 17:22	6/21/2020	17:22:16	Mammal	Sus scrofa	4	4 piglets
WS_CT_01	7/6/2020	IMG_0223.AVI	6/21/2020 17:22	6/21/2020	17:22:44	Mammal	Sus scrofa	3	3 piglets
WS_CT_01	7/6/2020	IMG_0224.AVI	6/21/2020 17:23	6/21/2020	17:23:04	Mammal	Sus scrofa	2	2 piglets
WS_CT_01	7/6/2020	IMG_0225.AVI	6/21/2020 18:48	6/21/2020	18:48:54	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0226.AVI	6/21/2020 18:57	6/21/2020	18:57:34	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0227.AVI	6/21/2020 18:58	6/21/2020	18:58:48	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0228.AVI	6/21/2020 20:14	6/21/2020	20:14:54	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0229.AVI	6/22/2020 1:52	6/22/2020	1:52:42	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0230.AVI	6/22/2020 2:13	6/22/2020	2:13:28	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0231.AVI	6/22/2020 10:00	6/22/2020	10:00:46	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0232.AVI	6/22/2020 10:28	6/22/2020	10:28:28	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0233.AVI	6/22/2020 13:04	6/22/2020	13:04:10	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0235.AVI	6/22/2020 21:37	6/22/2020	21:37:20	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0237.AVI	6/23/2020 14:29	6/23/2020	14:29:38	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0238.AVI	6/23/2020 15:35	6/23/2020	15:35:50	Bird	Chalcophaps indica	1	
WS_CT_01	7/6/2020	IMG_0239.AVI	6/23/2020 16:14	6/23/2020	16:14:38	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0241.AVI	6/24/2020 13:01	6/24/2020	13:01:12	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0242.AVI	6/24/2020 19:05	6/24/2020	19:05:10	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0243.AVI	6/25/2020 8:54	6/25/2020	8:54:24	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0244.AVI	6/25/2020 12:42	6/25/2020	12:42:26	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0245.AVI	6/25/2020 14:47	6/25/2020	14:47:10	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0246.AVI	6/25/2020 14:49	6/25/2020	14:49:00	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0247.AVI	6/25/2020 19:41	6/25/2020	19:41:02	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0248.AVI	6/25/2020 20:30	6/25/2020	20:30:56	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0249.AVI	6/25/2020 22:09	6/25/2020	22:09:20	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0250.AVI	6/26/2020 4:24	6/26/2020	4:24:42	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0252.AVI	6/26/2020 20:02	6/26/2020	20:02:52	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0253.AVI	6/26/2020 21:04	6/26/2020	21:04:24	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0254.AVI	6/26/2020 21:04	6/26/2020	21:04:50	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0255.AVI	6/27/2020 6:19	6/27/2020	6:19:32	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0257.AVI	6/28/2020 5:49	6/28/2020	5:49:10	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0258.AVI	6/28/2020 5:49	6/28/2020	5:49:32	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0259.AVI	6/28/2020 5:50	6/28/2020	5:50:00	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0260.AVI	6/28/2020 5:50	6/28/2020	5:50:22	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0261.AVI	6/28/2020 5:50	6/28/2020	5:50:44	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0262.AVI	6/28/2020 5:51	6/28/2020	5:51:22	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0263.AVI	6/28/2020 5:51	6/28/2020	5:51:48	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0264.AVI	6/28/2020 5:52	6/28/2020	5:52:10	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0265.AVI	6/28/2020 5:52	6/28/2020	5:52:32	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0266.AVI	6/28/2020 5:52	6/28/2020	5:52:54	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0267.AVI	6/28/2020 5:53	6/28/2020	5:53:14	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0268.AVI	6/28/2020 5:54	6/28/2020	5:54:38	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0272.AVI	6/28/2020 8:48	6/28/2020	8:48:44	Bird	Chalcophaps indica	1	
WS_CT_01	7/6/2020	IMG_0273.AVI	6/28/2020 10:44	6/28/2020	10:44:16	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0274.AVI	6/28/2020 15:08	6/28/2020	15:08:06	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0275.AVI	6/28/2020 15:08	6/28/2020	15:08:56	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0276.AVI	6/28/2020 15:59	6/28/2020	15:59:12	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0277.AVI	6/28/2020 20:03	6/28/2020	20:03:36	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0278.AVI	6/29/2020 1:45	6/29/2020	1:45:36	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0279.AVI	6/29/2020 2:23	6/29/2020	2:23:10	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0280.AVI	6/29/2020 7:11	6/29/2020	7:11:06	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0281.AVI	6/29/2020 9:47	6/29/2020	9:47:12	Bird	Gallus gallus	3	
WS_CT_01	7/6/2020	IMG_0284.AVI	6/29/2020 18:14	6/29/2020	18:14:08	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0285.AVI	6/29/2020 18:52	6/29/2020	18:52:22	Mammal	Unidentified squirrel or shrew	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_01	7/6/2020	IMG_0286.AVI	6/30/2020 5:41	6/30/2020	5:41:36	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0287.AVI	6/30/2020 6:38	6/30/2020	6:38:46	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0288.AVI	6/30/2020 7:08	6/30/2020	7:08:58	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0291.AVI	6/30/2020 11:56	6/30/2020	11:56:30	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0292.AVI	6/30/2020 13:46	6/30/2020	13:46:44	Bird	Pycnonotus goiavier	1	Eating katydid
WS_CT_01	7/6/2020	IMG_0294.AVI	6/30/2020 16:43	6/30/2020	16:43:44	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0295.AVI	6/30/2020 18:53	6/30/2020	18:53:00	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0296.AVI	6/30/2020 20:34	6/30/2020	20:34:10	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0297.AVI	7/1/2020 7:19	7/1/2020	7:19:32	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0298.AVI	7/1/2020 9:38	7/1/2020	9:38:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0299.AVI	7/1/2020 9:56	7/1/2020	9:56:44	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0300.AVI	7/1/2020 23:56	7/1/2020	23:56:28	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0301.AVI	7/2/2020 5:56	7/2/2020	5:56:12	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0302.AVI	7/2/2020 7:01	7/2/2020	7:01:32	Mammal	Tupaia glis	1	
WS_CT_01	7/6/2020	IMG_0303.AVI	7/2/2020 14:54	7/2/2020	14:54:30	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0304.AVI	7/2/2020 18:32	7/2/2020	18:32:04	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0305.AVI	7/2/2020 18:32	7/2/2020	18:32:44	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0306.AVI	7/2/2020 19:20	7/2/2020	19:20:22	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0307.AVI	7/2/2020 19:21	7/2/2020	19:21:06	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0308.AVI	7/2/2020 19:23	7/2/2020	19:23:16	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0309.AVI	7/2/2020 19:23	7/2/2020	19:23:38	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0310.AVI	7/2/2020 19:24	7/2/2020	19:24:00	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0311.AVI	7/2/2020 23:54	7/2/2020	23:54:12	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0313.AVI	7/3/2020 6:21	7/3/2020	6:21:40	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0314.AVI	7/3/2020 7:06	7/3/2020	7:06:24	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0315.AVI	7/3/2020 8:43	7/3/2020	8:43:16	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0316.AVI	7/3/2020 9:07	7/3/2020	9:07:52	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0317.AVI	7/3/2020 9:08	7/3/2020	9:08:28	Bird	Gallus gallus	1	
WS_CT_01	7/6/2020	IMG_0318.AVI	7/3/2020 20:35	7/3/2020	20:35:08	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0320.AVI	7/4/2020 0:16	7/4/2020	0:16:58	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0321.AVI	7/4/2020 7:09	7/4/2020	7:09:42	Mammal	Sus scrofa	4	
WS_CT_01	7/6/2020	IMG_0323.AVI	7/4/2020 9:32	7/4/2020	9:32:48	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0324.AVI	7/4/2020 9:33	7/4/2020	9:33:18	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0325.AVI	7/4/2020 9:33	7/4/2020	9:33:58	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0326.AVI	7/4/2020 9:34	7/4/2020	9:34:20	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0326.AVI	7/4/2020 9:34	7/4/2020	9:34:20	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0329.AVI	7/4/2020 15:25	7/4/2020	15:25:24	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0331.AVI	7/4/2020 15:31	7/4/2020	15:31:10	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0332.AVI	7/4/2020 15:34	7/4/2020	15:34:12	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0333.AVI	7/4/2020 19:02	7/4/2020	19:02:18	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0334.AVI	7/4/2020 20:20	7/4/2020	20:20:04	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0336.AVI	7/4/2020 21:56	7/4/2020	21:56:54	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0337.AVI	7/4/2020 23:13	7/4/2020	23:13:24	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0339.AVI	7/5/2020 8:23	7/5/2020	8:23:50	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0340.AVI	7/5/2020 10:10	7/5/2020	10:10:14	Bird	Amaurornis phoenicurus	1	
WS_CT_01	7/6/2020	IMG_0341.AVI	7/5/2020 11:31	7/5/2020	11:31:20	Reptile	Varanus sp.	1	
WS_CT_01	7/6/2020	IMG_0342.AVI	7/5/2020 14:15	7/5/2020	14:15:14	Mammal	Callosciurus notatus	1	
WS_CT_01	7/6/2020	IMG_0343.AVI	7/5/2020 18:37	7/5/2020	18:37:38	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0344.AVI	7/5/2020 18:43	7/5/2020	18:43:22	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0345.AVI	7/5/2020 20:07	7/5/2020	20:07:28	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0346.AVI	7/5/2020 20:47	7/5/2020	20:47:32	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0347.AVI	7/5/2020 21:29	7/5/2020	21:29:14	NA	Unidentified sp.	1	
WS_CT_01	7/6/2020	IMG_0349.AVI	7/6/2020 2:17	7/6/2020	2:17:20	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0350.AVI	7/6/2020 6:57	7/6/2020	6:57:48	Mammal	Unidentified squirrel or shrew	1	
WS_CT_01	7/6/2020	IMG_0187.AVI	7/27/2020 22:42	7/27/2020	22:42:53	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0189.AVI	7/27/2020 22:42	7/27/2020	22:42:53	Mammal	Sus scrofa	1	
WS_CT_01	7/6/2020	IMG_0203.AVI	7/27/2020 22:43	7/27/2020	22:43:28	Mammal	Rattus sp.	1	
WS_CT_01	7/6/2020	IMG_0240.AVI	7/27/2020 22:44	7/27/2020	22:44:39	Mammal	Unidentified mammal	1	Rat or squirrel or shrew
WS_CT_01	7/6/2020	IMG_0335.AVI	7/27/2020 22:47	7/27/2020	22:47:54	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0007.AVI	4/6/2020 15:13	4/6/2020	15:13:12	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0008.AVI	4/6/2020 15:13	4/6/2020	15:13:40	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0009.AVI	4/6/2020 18:57	4/6/2020	18:57:38	Mammal	Tupaia glis	1	
WS_CT_02	6/3/2020	IMG_0010.AVI	4/7/2020 10:16	4/7/2020	10:16:52	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0011.AVI	4/7/2020 14:21	4/7/2020	14:21:24	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	6/3/2020	IMG_0012.AVI	4/7/2020 16:24	4/7/2020	16:24:02	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0013.AVI	4/7/2020 16:24	4/7/2020	16:24:24	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0014.AVI	4/8/2020 9:06	4/8/2020	9:06:10	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0015.AVI	4/8/2020 12:56	4/8/2020	12:56:46	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0016.AVI	4/8/2020 15:55	4/8/2020	15:55:58	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0017.AVI	4/8/2020 16:31	4/8/2020	16:31:42	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0037.AVI	4/10/2020 3:03	4/9/2020	3:03:52	Mammal	Manis javanica	1	
WS_CT_02	6/3/2020	IMG_0038.AVI	4/10/2020 7:30	4/9/2020	7:30:32	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0039.AVI	4/10/2020 7:30	4/9/2020	7:30:54	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0040.AVI	4/10/2020 7:31	4/9/2020	7:31:16	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0041.AVI	4/10/2020 7:31	4/9/2020	7:31:44	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0042.AVI	4/10/2020 7:42	4/9/2020	7:42:18	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0043.AVI	4/10/2020 7:42	4/9/2020	7:42:38	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0018.AVI	4/9/2020 7:47	4/9/2020	7:47:00	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0022.AVI	4/9/2020 14:16	4/9/2020	14:16:16	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	6/3/2020	IMG_0023.AVI	4/9/2020 14:26	4/9/2020	14:26:32	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0024.AVI	4/9/2020 14:28	4/9/2020	14:28:58	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0025.AVI	4/9/2020 14:29	4/9/2020	14:29:20	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0026.AVI	4/9/2020 14:39	4/9/2020	14:39:52	Mammal	Macaca fascicularis	2	
WS_CT_02	6/3/2020	IMG_0027.AVI	4/9/2020 14:40	4/9/2020	14:40:14	Mammal	Macaca fascicularis	2	
WS_CT_02	6/3/2020	IMG_0028.AVI	4/9/2020 14:41	4/9/2020	14:41:38	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0029.AVI	4/9/2020 14:42	4/9/2020	14:42:20	Mammal	Macaca fascicularis	2	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_02	6/3/2020	IMG_0030.AVI	4/9/2020 14:43	4/9/2020	14:43:10	Mammal	Macaca fascicularis	3	Interacting with camera
WS_CT_02	6/3/2020	IMG_0031.AVI	4/9/2020 14:53	4/9/2020	14:53:54	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0032.AVI	4/9/2020 15:22	4/9/2020	15:22:52	Mammal	Sus scrofa	2	1 piglet
WS_CT_02	6/3/2020	IMG_0033.AVI	4/9/2020 15:23	4/9/2020	15:23:14	Mammal	Sus scrofa	3	3 piglets
WS_CT_02	6/3/2020	IMG_0034.AVI	4/9/2020 15:23	4/9/2020	15:23:36	Mammal	Sus scrofa	2	2 piglets
WS_CT_02	6/3/2020	IMG_0036.AVI	4/9/2020 19:03	4/9/2020	19:03:00	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0045.AVI	4/10/2020 9:28	4/10/2020	9:28:08	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0046.AVI	4/10/2020 13:03	4/10/2020	13:03:20	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0047.AVI	4/10/2020 18:07	4/10/2020	18:07:24	Mammal	Tragulus kanchil	1	
WS_CT_02	6/3/2020	IMG_0049.AVI	4/11/2020 9:29	4/11/2020	9:29:04	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0050.AVI	4/11/2020 9:29	4/11/2020	9:29:24	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0051.AVI	4/11/2020 9:29	4/11/2020	9:29:48	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0052.AVI	4/11/2020 9:30	4/11/2020	9:30:10	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0053.AVI	4/11/2020 11:20	4/11/2020	11:20:40	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0054.AVI	4/11/2020 13:24	4/11/2020	13:24:18	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0055.AVI	4/11/2020 14:21	4/11/2020	14:21:02	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0056.AVI	4/11/2020 14:21	4/11/2020	14:21:40	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0058.AVI	4/11/2020 19:35	4/11/2020	19:35:42	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0059.AVI	4/11/2020 19:37	4/11/2020	19:37:04	Mammal	Sus scrofa	2	2 piglets
WS_CT_02	6/3/2020	IMG_0063.AVI	4/13/2020 7:08	4/12/2020	7:08:40	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0060.AVI	4/12/2020 8:56	4/12/2020	8:56:06	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0061.AVI	4/12/2020 8:56	4/12/2020	8:56:42	Mammal	Tupaia glis	1	
WS_CT_02	6/3/2020	IMG_0062.AVI	4/12/2020 18:04	4/12/2020	18:04:06	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0064.AVI	4/13/2020 8:33	4/13/2020	8:33:04	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0065.AVI	4/13/2020 10:18	4/13/2020	10:18:32	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0066.AVI	4/13/2020 10:21	4/13/2020	10:21:08	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0067.AVI	4/13/2020 13:27	4/13/2020	13:27:24	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0068.AVI	4/13/2020 13:27	4/13/2020	13:27:46	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0069.AVI	4/13/2020 13:29	4/13/2020	13:29:32	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0070.AVI	4/13/2020 14:18	4/13/2020	14:18:22	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0071.AVI	4/13/2020 14:24	4/13/2020	14:24:38	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0072.AVI	4/13/2020 15:31	4/13/2020	15:31:54	Mammal	Sus scrofa	1	Piglet
WS_CT_02	6/3/2020	IMG_0073.AVI	4/13/2020 20:39	4/13/2020	20:39:26	Mammal	Rattus sp.	1	
WS_CT_02	6/3/2020	IMG_0076.AVI	4/15/2020 6:22	4/14/2020	6:22:42	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0078.AVI	4/15/2020 6:23	4/14/2020	6:23:58	NA	Unidentified sp.	1	Likely wild pig
WS_CT_02	6/3/2020	IMG_0077.AVI	4/15/2020 6:23	4/15/2020	6:23:06	Mammal	Unidentified mammal	1	Likely wild pig
WS_CT_02	6/3/2020	IMG_0079.AVI	4/15/2020 12:15	4/15/2020	12:15:28	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0080.AVI	4/15/2020 12:51	4/15/2020	12:51:24	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0081.AVI	4/15/2020 13:27	4/15/2020	13:27:18	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0082.AVI	4/15/2020 13:30	4/15/2020	13:30:28	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0083.AVI	4/15/2020 14:23	4/15/2020	14:23:26	Mammal	Sus scrofa	5	4 piglets
WS_CT_02	6/3/2020	IMG_0084.AVI	4/15/2020 18:54	4/15/2020	18:54:08	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0085.AVI	4/15/2020 18:54	4/15/2020	18:54:38	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0094.AVI	4/17/2020 6:43	4/16/2020	6:43:02	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0095.AVI	4/17/2020 7:36	4/16/2020	7:36:20	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0086.AVI	4/16/2020 10:17	4/16/2020	10:17:53	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0087.AVI	4/16/2020 10:18	4/16/2020	10:18:16	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0088.AVI	4/16/2020 10:18	4/16/2020	10:18:36	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0089.AVI	4/16/2020 10:19	4/16/2020	10:19:02	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0090.AVI	4/16/2020 12:25	4/16/2020	12:25:18	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0092.AVI	4/16/2020 14:07	4/16/2020	14:07:28	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0093.AVI	4/16/2020 18:38	4/16/2020	18:38:12	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0096.AVI	4/17/2020 8:54	4/17/2020	8:54:04	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0097.AVI	4/17/2020 18:53	4/17/2020	18:53:32	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0098.AVI	4/17/2020 18:58	4/17/2020	18:58:52	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0099.AVI	4/17/2020 18:59	4/17/2020	18:59:32	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0105.AVI	4/19/2020 7:11	4/18/2020	7:11:26	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0101.AVI	4/18/2020 9:53	4/18/2020	9:53:10	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0102.AVI	4/18/2020 13:36	4/18/2020	13:36:12	NA	Unidentified sp.	1	Possibly squirrel or shrew
WS_CT_02	6/3/2020	IMG_0103.AVI	4/18/2020 16:29	4/18/2020	16:29:00	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0104.AVI	4/18/2020 16:29	4/18/2020	16:29:20	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0106.AVI	4/19/2020 10:18	4/19/2020	10:18:22	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0107.AVI	4/19/2020 12:54	4/19/2020	12:54:34	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0108.AVI	4/19/2020 16:56	4/19/2020	16:56:38	Mammal	Sus scrofa	4	3 piglets
WS_CT_02	6/3/2020	IMG_0109.AVI	4/19/2020 16:56	4/19/2020	16:56:58	Mammal	Sus scrofa	4	3 piglets
WS_CT_02	6/3/2020	IMG_0111.AVI	4/19/2020 17:08	4/19/2020	17:08:32	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0112.AVI	4/19/2020 17:08	4/19/2020	17:08:54	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0113.AVI	4/19/2020 17:09	4/19/2020	17:09:14	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0114.AVI	4/20/2020 12:59	4/20/2020	12:59:06	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0115.AVI	4/20/2020 13:24	4/20/2020	13:24:16	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0116.AVI	4/20/2020 17:06	4/20/2020	17:06:26	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0117.AVI	4/20/2020 19:20	4/20/2020	19:20:56	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0118.AVI	4/20/2020 20:37	4/20/2020	20:37:24	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0119.AVI	4/20/2020 20:37	4/20/2020	20:37:46	Mammal	Unidentified mammal	1	
WS_CT_02	6/3/2020	IMG_0125.AVI	4/21/2020 11:38	4/21/2020	11:38:16	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0126.AVI	4/21/2020 11:38	4/21/2020	11:38:36	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0127.AVI	4/21/2020 11:38	4/21/2020	11:38:58	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0128.AVI	4/21/2020 11:39	4/21/2020	11:39:18	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0129.AVI	4/21/2020 15:42	4/21/2020	15:42:12	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0130.AVI	4/21/2020 18:54	4/21/2020	18:54:36	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0131.AVI	4/21/2020 18:57	4/21/2020	18:57:32	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0133.AVI	4/22/2020 10:27	4/22/2020	10:27:06	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0134.AVI	4/22/2020 16:23	4/22/2020	16:23:02	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0135.AVI	4/22/2020 16:23	4/22/2020	16:23:24	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0136.AVI	4/22/2020 16:23	4/22/2020	16:23:48	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0137.AVI	4/22/2020 16:25	4/22/2020	16:25:06	Bird	Gallus gallus	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_02	6/3/2020	IMG_0138.AVI	4/22/2020 16:25	4/22/2020	16:25:50	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0139.AVI	4/22/2020 16:31	4/22/2020	16:31:20	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0140.AVI	4/22/2020 16:32	4/22/2020	16:32:20	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0141.AVI	4/22/2020 16:32	4/22/2020	16:32:52	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0142.AVI	4/22/2020 16:33	4/22/2020	16:33:38	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0143.AVI	4/22/2020 18:17	4/22/2020	18:17:58	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0144.AVI	4/23/2020 12:14	4/23/2020	12:14:32	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0145.AVI	4/23/2020 12:14	4/23/2020	12:14:56	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0146.AVI	4/23/2020 14:04	4/23/2020	14:04:14	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0147.AVI	4/23/2020 18:33	4/23/2020	18:33:10	Mammal	Tragulus kanchil	1	
WS_CT_02	6/3/2020	IMG_0148.AVI	4/23/2020 18:33	4/23/2020	18:33:32	Mammal	Tragulus kanchil	1	
WS_CT_02	6/3/2020	IMG_0149.AVI	4/24/2020 11:04	4/24/2020	11:04:24	Mammal	Sus scrofa	4	4 piglets
WS_CT_02	6/3/2020	IMG_0150.AVI	4/24/2020 12:36	4/24/2020	12:36:42	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0151.AVI	4/24/2020 12:37	4/24/2020	12:37:12	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0152.AVI	4/24/2020 12:38	4/24/2020	12:38:14	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0153.AVI	4/24/2020 14:22	4/24/2020	14:22:52	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0154.AVI	4/24/2020 14:40	4/24/2020	14:40:48	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0155.AVI	4/24/2020 14:41	4/24/2020	14:41:14	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0156.AVI	4/24/2020 14:41	4/24/2020	14:41:36	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0157.AVI	4/24/2020 14:45	4/24/2020	14:45:24	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	6/3/2020	IMG_0158.AVI	4/24/2020 15:37	4/24/2020	15:37:04	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0160.AVI	4/24/2020 15:57	4/24/2020	15:57:04	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0161.AVI	4/25/2020 9:23	4/25/2020	9:23:12	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0162.AVI	4/25/2020 9:40	4/25/2020	9:40:04	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0163.AVI	4/25/2020 10:02	4/25/2020	10:02:44	Mammal	Tupaia glis	1	
WS_CT_02	6/3/2020	IMG_0164.AVI	4/25/2020 13:32	4/25/2020	13:32:22	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0165.AVI	4/25/2020 15:02	4/25/2020	15:02:34	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0166.AVI	4/25/2020 15:05	4/25/2020	15:05:58	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0167.AVI	4/25/2020 15:21	4/25/2020	15:21:54	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0168.AVI	4/25/2020 17:18	4/25/2020	17:18:20	Mammal	Tupaia glis	1	
WS_CT_02	6/3/2020	IMG_0177.AVI	4/27/2020 6:21	4/26/2020	6:21:52	Mammal	Manis javanica	1	
WS_CT_02	6/3/2020	IMG_0178.AVI	4/27/2020 6:39	4/26/2020	6:39:08	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	6/3/2020	IMG_0170.AVI	4/26/2020 10:42	4/26/2020	10:42:44	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0171.AVI	4/26/2020 10:43	4/26/2020	10:43:06	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0172.AVI	4/26/2020 13:24	4/26/2020	13:24:54	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0173.AVI	4/26/2020 13:25	4/26/2020	13:25:20	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0174.AVI	4/26/2020 13:25	4/26/2020	13:25:42	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0175.AVI	4/26/2020 13:26	4/26/2020	13:26:14	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0176.AVI	4/26/2020 13:26	4/26/2020	13:26:54	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0179.AVI	4/27/2020 10:18	4/27/2020	10:18:30	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0180.AVI	4/27/2020 16:20	4/27/2020	16:20:34	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0181.AVI	4/27/2020 17:33	4/27/2020	17:33:02	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0182.AVI	4/27/2020 17:34	4/27/2020	17:34:38	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0183.AVI	4/27/2020 21:59	4/27/2020	21:59:26	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0184.AVI	4/28/2020 11:51	4/28/2020	11:51:12	Mammal	Sus scrofa	1	Piglet
WS_CT_02	6/3/2020	IMG_0185.AVI	4/28/2020 14:13	4/28/2020	14:13:38	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0186.AVI	4/28/2020 14:31	4/28/2020	14:31:50	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0187.AVI	4/28/2020 16:23	4/28/2020	16:23:58	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0188.AVI	4/28/2020 16:24	4/28/2020	16:24:26	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0189.AVI	4/28/2020 18:13	4/28/2020	18:13:26	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0190.AVI	4/29/2020 9:40	4/29/2020	9:40:06	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0191.AVI	4/29/2020 13:01	4/29/2020	13:01:08	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0192.AVI	4/29/2020 15:08	4/29/2020	15:08:06	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0193.AVI	4/29/2020 15:50	4/29/2020	15:50:56	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0193.AVI	4/29/2020 15:50	4/29/2020	15:50:56	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	6/3/2020	IMG_0194.AVI	4/30/2020 23:33	4/30/2020	23:33:32	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0195.AVI	5/1/2020 8:09	5/1/2020	8:09:42	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0196.AVI	5/1/2020 8:10	5/1/2020	8:10:08	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0198.AVI	5/1/2020 14:30	5/1/2020	14:30:50	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0199.AVI	5/2/2020 11:05	5/2/2020	11:05:38	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0200.AVI	5/2/2020 11:11	5/2/2020	11:11:18	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0201.AVI	5/2/2020 11:37	5/2/2020	11:37:08	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0202.AVI	5/2/2020 11:42	5/2/2020	11:42:32	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0203.AVI	5/2/2020 11:43	5/2/2020	11:43:06	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0204.AVI	5/2/2020 11:45	5/2/2020	11:45:28	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0204.AVI	5/2/2020 11:45	5/2/2020	11:45:28	Mammal	Macaca fascicularis	1	
WS_CT_02	6/3/2020	IMG_0205.AVI	5/2/2020 11:45	5/2/2020	11:45:48	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0206.AVI	5/2/2020 15:20	5/2/2020	15:20:14	Bird	Gallus gallus	3	
WS_CT_02	6/3/2020	IMG_0207.AVI	5/2/2020 15:49	5/2/2020	15:49:30	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0208.AVI	5/2/2020 16:09	5/2/2020	16:09:26	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0211.AVI	5/2/2020 19:27	5/2/2020	19:27:36	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0212.AVI	5/2/2020 20:16	5/2/2020	20:16:52	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0213.AVI	5/3/2020 8:36	5/3/2020	8:36:52	Bird	Chalcophaps indica	1	
WS_CT_02	6/3/2020	IMG_0214.AVI	5/3/2020 10:07	5/3/2020	10:07:28	Bird	Chalcophaps indica	1	
WS_CT_02	6/3/2020	IMG_0215.AVI	5/3/2020 14:36	5/3/2020	14:36:52	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0216.AVI	5/3/2020 17:31	5/3/2020	17:31:36	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0217.AVI	5/3/2020 17:31	5/3/2020	17:31:58	Mammal	Sus scrofa	3	
WS_CT_02	6/3/2020	IMG_0219.AVI	5/3/2020 18:52	5/3/2020	18:52:32	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0220.AVI	5/3/2020 18:53	5/3/2020	18:53:54	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0222.AVI	5/5/2020 3:01	5/4/2020	3:01:56	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	6/3/2020	IMG_0231.AVI	5/6/2020 6:32	5/5/2020	6:32:46	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0232.AVI	5/6/2020 6:33	5/5/2020	6:33:20	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0223.AVI	5/5/2020 10:00	5/5/2020	10:00:30	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0224.AVI	5/5/2020 10:01	5/5/2020	10:01:58	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0225.AVI	5/5/2020 10:02	5/5/2020	10:02:20	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0226.AVI	5/5/2020 10:20	5/5/2020	10:20:16	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_02	6/3/2020	IMG_0227.AVI	5/5/2020 14:17	5/5/2020	14:17:52	Mammal	Callosciurus notatus	1	
WS_CT_02	6/3/2020	IMG_0228.AVI	5/5/2020 15:40	5/5/2020	15:40:36	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0229.AVI	5/5/2020 18:27	5/5/2020	18:27:48	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0230.AVI	5/5/2020 19:06	5/5/2020	19:06:36	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0243.AVI	5/7/2020 6:26	5/6/2020	6:26:36	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0233.AVI	5/6/2020 10:24	5/6/2020	10:24:36	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0235.AVI	5/6/2020 15:41	5/6/2020	15:41:16	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0236.AVI	5/6/2020 16:07	5/6/2020	16:07:38	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0237.AVI	5/6/2020 16:12	5/6/2020	16:12:10	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0238.AVI	5/6/2020 17:37	5/6/2020	17:37:24	Bird	Caprimulgus macrurus	2	
WS_CT_02	6/3/2020	IMG_0239.AVI	5/6/2020 17:46	5/6/2020	17:46:20	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0240.AVI	5/6/2020 18:39	5/6/2020	18:39:38	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0242.AVI	5/6/2020 19:08	5/6/2020	19:08:14	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0260.AVI	5/8/2020 0:01	5/7/2020	0:01:06	Bird	Chalcophaps indica	1	
WS_CT_02	6/3/2020	IMG_0261.AVI	5/8/2020 0:06	5/7/2020	0:06:24	Bird	Chalcophaps indica	1	
WS_CT_02	6/3/2020	IMG_0262.AVI	5/8/2020 6:26	5/7/2020	6:26:46	Bird	Chalcophaps indica	1	
WS_CT_02	6/3/2020	IMG_0263.AVI	5/8/2020 7:41	5/7/2020	7:41:28	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0264.AVI	5/8/2020 7:41	5/7/2020	7:41:48	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0265.AVI	5/8/2020 7:43	5/7/2020	7:43:20	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0245.AVI	5/7/2020 15:55	5/7/2020	15:55:42	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0246.AVI	5/7/2020 16:02	5/7/2020	16:02:58	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0247.AVI	5/7/2020 16:34	5/7/2020	16:34:36	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0248.AVI	5/7/2020 16:38	5/7/2020	16:38:56	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0249.AVI	5/7/2020 16:39	5/7/2020	16:39:40	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0250.AVI	5/7/2020 16:40	5/7/2020	16:40:06	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0251.AVI	5/7/2020 16:45	5/7/2020	16:45:02	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0252.AVI	5/7/2020 16:45	5/7/2020	16:45:42	Bird	Gallus gallus	3	
WS_CT_02	6/3/2020	IMG_0253.AVI	5/7/2020 16:46	5/7/2020	16:46:30	Bird	Gallus gallus	3	
WS_CT_02	6/3/2020	IMG_0254.AVI	5/7/2020 16:47	5/7/2020	16:47:00	Bird	Gallus gallus	3	
WS_CT_02	6/3/2020	IMG_0255.AVI	5/7/2020 16:47	5/7/2020	16:47:34	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0256.AVI	5/7/2020 16:48	5/7/2020	16:48:14	Bird	Gallus gallus	1	
WS_CT_02	6/3/2020	IMG_0257.AVI	5/7/2020 16:48	5/7/2020	16:48:58	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0258.AVI	5/7/2020 16:49	5/7/2020	16:49:28	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0272.AVI	5/9/2020 6:21	5/8/2020	6:21:06	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0274.AVI	5/9/2020 6:35	5/8/2020	6:35:26	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0266.AVI	5/8/2020 14:08	5/8/2020	14:08:12	Mammal	Tupaia glis	2	
WS_CT_02	6/3/2020	IMG_0267.AVI	5/8/2020 15:08	5/8/2020	15:08:54	Mammal	Sus scrofa	2	
WS_CT_02	6/3/2020	IMG_0268.AVI	5/8/2020 15:09	5/8/2020	15:09:18	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0269.AVI	5/8/2020 15:47	5/8/2020	15:47:38	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0270.AVI	5/8/2020 19:05	5/8/2020	19:05:40	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0271.AVI	5/8/2020 22:02	5/8/2020	22:02:06	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0275.AVI	5/9/2020 10:17	5/9/2020	10:17:22	Bird	Gallus gallus	2	
WS_CT_02	6/3/2020	IMG_0276.AVI	5/9/2020 10:17	5/9/2020	10:17:44	Bird	Gallus gallus	3	
WS_CT_02	6/3/2020	IMG_0277.AVI	5/9/2020 10:18	5/9/2020	10:18:36	Bird	Gallus gallus	3	
WS_CT_02	6/3/2020	IMG_0278.AVI	5/9/2020 12:33	5/9/2020	12:33:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	6/3/2020	IMG_0279.AVI	5/9/2020 18:54	5/9/2020	18:54:50	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	6/3/2020	IMG_0280.AVI	5/9/2020 18:57	5/9/2020	18:57:56	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0281.AVI	5/9/2020 18:58	5/9/2020	18:58:36	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0282.AVI	5/9/2020 18:59	5/9/2020	18:59:18	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0284.AVI	5/9/2020 19:38	5/9/2020	19:38:48	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0285.AVI	5/9/2020 20:06	5/9/2020	20:06:20	Mammal	Sus scrofa	6	
WS_CT_02	6/3/2020	IMG_0286.AVI	5/9/2020 20:07	5/9/2020	20:07:44	Mammal	Sus scrofa	1	
WS_CT_02	6/3/2020	IMG_0287.AVI	5/9/2020 22:18	5/9/2020	22:18:46	Bird	Caprimulgus macrurus	1	
WS_CT_02	6/3/2020	IMG_0288.AVI	5/9/2020 22:33	5/9/2020	22:33:46	Bird	Caprimulgus macrurus	1	
WS_CT_02	7/6/2020	IMG_0009.AVI	6/3/2020 14:05	6/3/2020	14:05:02	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	7/6/2020	IMG_0010.AVI	6/3/2020 17:18	6/3/2020	17:18:10	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0011.AVI	6/4/2020 1:42	6/4/2020	1:42:20	Mammal	Manis javanica	2	Carrying baby on back
WS_CT_02	7/6/2020	IMG_0012.AVI	6/4/2020 9:07	6/4/2020	9:07:06	Mammal	Sus scrofa	3	
WS_CT_02	7/6/2020	IMG_0013.AVI	6/4/2020 9:07	6/4/2020	9:07:28	Mammal	Sus scrofa	3	
WS_CT_02	7/6/2020	IMG_0014.AVI	6/4/2020 9:07	6/4/2020	9:07:48	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0015.AVI	6/4/2020 9:08	6/4/2020	9:08:10	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0016.AVI	6/4/2020 11:19	6/4/2020	11:19:04	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0017.AVI	6/4/2020 11:19	6/4/2020	11:19:24	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0018.AVI	6/4/2020 11:20	6/4/2020	11:20:04	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0019.AVI	6/4/2020 11:24	6/4/2020	11:24:44	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0020.AVI	6/4/2020 11:25	6/4/2020	11:25:12	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0021.AVI	6/4/2020 11:25	6/4/2020	11:25:34	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0022.AVI	6/4/2020 11:26	6/4/2020	11:26:04	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0023.AVI	6/4/2020 11:26	6/4/2020	11:26:32	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0024.AVI	6/4/2020 11:27	6/4/2020	11:27:08	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0025.AVI	6/4/2020 11:27	6/4/2020	11:27:36	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0026.AVI	6/4/2020 11:27	6/4/2020	11:27:58	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0027.AVI	6/4/2020 11:28	6/4/2020	11:28:20	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0028.AVI	6/4/2020 11:28	6/4/2020	11:28:42	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0029.AVI	6/4/2020 11:29	6/4/2020	11:29:50	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0030.AVI	6/4/2020 11:30	6/4/2020	11:30:12	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0031.AVI	6/4/2020 11:31	6/4/2020	11:31:52	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0032.AVI	6/4/2020 11:32	6/4/2020	11:32:36	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0033.AVI	6/4/2020 11:32	6/4/2020	11:32:56	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0034.AVI	6/4/2020 13:29	6/4/2020	13:29:18	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0035.AVI	6/4/2020 13:29	6/4/2020	13:29:54	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0036.AVI	6/4/2020 14:04	6/4/2020	14:04:50	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0037.AVI	6/4/2020 16:55	6/4/2020	16:55:18	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0038.AVI	6/4/2020 19:58	6/4/2020	19:58:10	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0039.AVI	6/4/2020 19:58	6/4/2020	19:58:40	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0040.AVI	6/5/2020 6:49	6/5/2020	6:49:50	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_02	7/6/2020	IMG_0041.AVI	6/5/2020 6:50	6/5/2020	6:50:12	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0042.AVI	6/5/2020 6:50	6/5/2020	6:50:32	Mammal	Sus scrofa	4	
WS_CT_02	7/6/2020	IMG_0043.AVI	6/5/2020 6:51	6/5/2020	6:51:48	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0044.AVI	6/5/2020 7:43	6/5/2020	7:43:20	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0045.AVI	6/5/2020 9:39	6/5/2020	9:39:44	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0046.AVI	6/5/2020 12:40	6/5/2020	12:40:30	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0047.AVI	6/5/2020 16:00	6/5/2020	16:00:16	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0048.AVI	6/5/2020 16:00	6/5/2020	16:00:38	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0049.AVI	6/5/2020 16:02	6/5/2020	16:02:22	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0050.AVI	6/5/2020 16:02	6/5/2020	16:02:50	Mammal	Sus scrofa	2	1 piglet
WS_CT_02	7/6/2020	IMG_0051.AVI	6/5/2020 18:14	6/5/2020	18:14:48	Mammal	Sus scrofa	1	Piglet
WS_CT_02	7/6/2020	IMG_0052.AVI	6/5/2020 18:15	6/5/2020	18:15:10	Mammal	Sus scrofa	1	Piglet
WS_CT_02	7/6/2020	IMG_0053.AVI	6/5/2020 18:16	6/5/2020	18:16:02	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0054.AVI	6/5/2020 20:06	6/5/2020	20:06:00	NA	Unidentified sp.	1	
WS_CT_02	7/6/2020	IMG_0055.AVI	6/5/2020 20:06	6/5/2020	20:06:26	NA	Unidentified sp.	1	
WS_CT_02	7/6/2020	IMG_0056.AVI	6/6/2020 7:21	6/6/2020	7:21:06	Mammal	Sus scrofa	2	1 piglet
WS_CT_02	7/6/2020	IMG_0057.AVI	6/6/2020 15:42	6/6/2020	15:42:38	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0058.AVI	6/6/2020 15:43	6/6/2020	15:43:08	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0059.AVI	6/6/2020 15:45	6/6/2020	15:45:30	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0060.AVI	6/6/2020 15:47	6/6/2020	15:47:22	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0061.AVI	6/6/2020 18:53	6/6/2020	18:53:22	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0062.AVI	6/7/2020 7:58	6/7/2020	7:58:12	Mammal	Sus scrofa	2	1 piglet
WS_CT_02	7/6/2020	IMG_0063.AVI	6/7/2020 12:24	6/7/2020	12:24:52	Mammal	Sus scrofa	2	2 piglets
WS_CT_02	7/6/2020	IMG_0064.AVI	6/7/2020 13:28	6/7/2020	13:28:26	Bird	Unidentified bird	1	
WS_CT_02	7/6/2020	IMG_0065.AVI	6/7/2020 13:44	6/7/2020	13:44:40	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0066.AVI	6/7/2020 14:17	6/7/2020	14:17:14	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0067.AVI	6/7/2020 14:19	6/7/2020	14:19:08	Bird	Gallus gallus	4	
WS_CT_02	7/6/2020	IMG_0067.AVI	6/7/2020 14:19	6/7/2020	14:19:08	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0068.AVI	6/7/2020 14:37	6/7/2020	14:37:54	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0069.AVI	6/7/2020 14:43	6/7/2020	14:43:20	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0070.AVI	6/7/2020 14:45	6/7/2020	14:45:04	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0071.AVI	6/7/2020 14:47	6/7/2020	14:47:44	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0072.AVI	6/7/2020 17:59	6/7/2020	17:59:16	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0073.AVI	6/7/2020 18:38	6/7/2020	18:38:30	Mammal	Sus scrofa	1	Piglet
WS_CT_02	7/6/2020	IMG_0074.AVI	6/7/2020 18:38	6/7/2020	18:38:52	Mammal	Sus scrofa	2	2 piglets
WS_CT_02	7/6/2020	IMG_0075.AVI	6/7/2020 18:48	6/7/2020	18:48:00	Mammal	Tragulus kanchil	1	
WS_CT_02	7/6/2020	IMG_0076.AVI	6/7/2020 18:48	6/7/2020	18:48:30	Mammal	Tragulus kanchil	1	
WS_CT_02	7/6/2020	IMG_0077.AVI	6/7/2020 18:49	6/7/2020	18:49:34	Mammal	Tragulus kanchil	1	
WS_CT_02	7/6/2020	IMG_0078.AVI	6/7/2020 19:11	6/7/2020	19:11:06	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0079.AVI	6/7/2020 19:35	6/7/2020	19:35:40	NA	Unidentified sp.	1	
WS_CT_02	7/6/2020	IMG_0080.AVI	6/8/2020 7:35	6/8/2020	7:35:50	Mammal	Sus scrofa	3	
WS_CT_02	7/6/2020	IMG_0081.AVI	6/8/2020 7:36	6/8/2020	7:36:22	Mammal	Sus scrofa	2	1 piglet
WS_CT_02	7/6/2020	IMG_0082.AVI	6/8/2020 15:02	6/8/2020	15:02:50	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0083.AVI	6/8/2020 15:03	6/8/2020	15:03:14	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0083.AVI	6/8/2020 15:03	6/8/2020	15:03:14	Mammal	Tupaia glis	1	
WS_CT_02	7/6/2020	IMG_0084.AVI	6/8/2020 16:13	6/8/2020	16:13:32	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0085.AVI	6/8/2020 21:34	6/8/2020	21:34:24	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0086.AVI	6/9/2020 5:39	6/9/2020	5:39:58	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0087.AVI	6/9/2020 8:46	6/9/2020	8:46:10	Bird	Gallus gallus	3	
WS_CT_02	7/6/2020	IMG_0088.AVI	6/9/2020 8:46	6/9/2020	8:46:46	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0089.AVI	6/9/2020 8:53	6/9/2020	8:53:32	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0090.AVI	6/9/2020 8:54	6/9/2020	8:54:24	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0091.AVI	6/9/2020 8:54	6/9/2020	8:54:52	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0092.AVI	6/9/2020 8:55	6/9/2020	8:55:20	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0093.AVI	6/9/2020 8:55	6/9/2020	8:55:56	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0094.AVI	6/9/2020 8:56	6/9/2020	8:56:18	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0095.AVI	6/9/2020 8:56	6/9/2020	8:56:42	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0096.AVI	6/9/2020 8:57	6/9/2020	8:57:08	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0097.AVI	6/9/2020 8:57	6/9/2020	8:57:34	Bird	Gallus gallus	3	
WS_CT_02	7/6/2020	IMG_0098.AVI	6/9/2020 8:57	6/9/2020	8:57:56	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0099.AVI	6/9/2020 8:58	6/9/2020	8:58:30	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0100.AVI	6/9/2020 9:18	6/9/2020	9:18:40	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0102.AVI	6/9/2020 14:53	6/9/2020	14:53:22	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0103.AVI	6/9/2020 19:01	6/9/2020	19:01:16	Mammal	Tragulus kanchil	1	
WS_CT_02	7/6/2020	IMG_0104.AVI	6/9/2020 19:33	6/9/2020	19:33:34	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0105.AVI	6/9/2020 19:33	6/9/2020	19:33:56	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0106.AVI	6/10/2020 5:31	6/10/2020	5:31:42	NA	Unidentified sp.	1	
WS_CT_02	7/6/2020	IMG_0108.AVI	6/10/2020 6:53	6/10/2020	6:53:22	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0109.AVI	6/10/2020 6:53	6/10/2020	6:53:46	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0110.AVI	6/10/2020 6:56	6/10/2020	6:56:54	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0111.AVI	6/10/2020 6:57	6/10/2020	6:57:16	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0112.AVI	6/10/2020 6:59	6/10/2020	6:59:02	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0113.AVI	6/10/2020 7:33	6/10/2020	7:33:16	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0114.AVI	6/10/2020 10:22	6/10/2020	10:22:54	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0115.AVI	6/10/2020 14:13	6/10/2020	14:13:48	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0116.AVI	6/10/2020 14:48	6/10/2020	14:48:18	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0117.AVI	6/10/2020 14:48	6/10/2020	14:48:52	Mammal	Sus scrofa	3	1 piglet
WS_CT_02	7/6/2020	IMG_0118.AVI	6/10/2020 14:49	6/10/2020	14:49:14	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0119.AVI	6/10/2020 15:53	6/10/2020	15:53:16	Mammal	Sus scrofa	4	2 piglets
WS_CT_02	7/6/2020	IMG_0120.AVI	6/10/2020 15:53	6/10/2020	15:53:38	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0121.AVI	6/10/2020 15:58	6/10/2020	15:58:50	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0122.AVI	6/10/2020 16:45	6/10/2020	16:45:34	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0123.AVI	6/10/2020 17:44	6/10/2020	17:44:32	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0124.AVI	6/10/2020 18:34	6/10/2020	18:34:48	Mammal	Tragulus kanchil	1	Most likely mammal
WS_CT_02	7/6/2020	IMG_0126.AVI	6/11/2020 8:38	6/11/2020	8:38:08	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0127.AVI	6/11/2020 8:38	6/11/2020	8:38:34	Bird	Gallus gallus	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_02	7/6/2020	IMG_0128.AVI	6/11/2020 13:52	6/11/2020	13:52:08	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0129.AVI	6/11/2020 17:45	6/11/2020	17:45:28	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0130.AVI	6/11/2020 17:51	6/11/2020	17:51:28	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0131.AVI	6/12/2020 6:53	6/12/2020	6:53:58	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0132.AVI	6/12/2020 6:54	6/12/2020	6:54:30	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0133.AVI	6/12/2020 10:53	6/12/2020	10:53:46	Mammal	Sus scrofa	4	2 piglets
WS_CT_02	7/6/2020	IMG_0134.AVI	6/13/2020 1:15	6/13/2020	1:15:12	Mammal	Unidentified mammal	1	
WS_CT_02	7/6/2020	IMG_0135.AVI	6/13/2020 8:30	6/13/2020	8:30:36	NA	Unidentified sp.	1	
WS_CT_02	7/6/2020	IMG_0136.AVI	6/13/2020 9:08	6/13/2020	9:08:12	Mammal	Sus scrofa	2	2 piglets
WS_CT_02	7/6/2020	IMG_0137.AVI	6/13/2020 11:53	6/13/2020	11:53:52	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0138.AVI	6/13/2020 11:56	6/13/2020	11:56:54	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0139.AVI	6/13/2020 17:11	6/13/2020	17:11:20	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0141.AVI	6/14/2020 16:32	6/14/2020	16:32:36	NA	Unidentified sp.	1	
WS_CT_02	7/6/2020	IMG_0144.AVI	6/15/2020 13:09	6/15/2020	13:09:04	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0145.AVI	6/15/2020 13:09	6/15/2020	13:09:26	Mammal	Macaca fascicularis	4	
WS_CT_02	7/6/2020	IMG_0146.AVI	6/15/2020 13:13	6/15/2020	13:13:44	Mammal	Macaca fascicularis	4	
WS_CT_02	7/6/2020	IMG_0147.AVI	6/15/2020 13:16	6/15/2020	13:16:40	Mammal	Macaca fascicularis	3	
WS_CT_02	7/6/2020	IMG_0148.AVI	6/15/2020 13:17	6/15/2020	13:17:04	Mammal	Macaca fascicularis	4	
WS_CT_02	7/6/2020	IMG_0148.AVI	6/15/2020 13:17	6/15/2020	13:17:04	Bird	Unidentified bird	1	Likely Dicrurus paradiseus
WS_CT_02	7/6/2020	IMG_0149.AVI	6/15/2020 13:17	6/15/2020	13:17:58	Mammal	Macaca fascicularis	3	
WS_CT_02	7/6/2020	IMG_0150.AVI	6/15/2020 13:18	6/15/2020	13:18:20	Mammal	Macaca fascicularis	4	
WS_CT_02	7/6/2020	IMG_0151.AVI	6/15/2020 13:19	6/15/2020	13:19:02	Mammal	Macaca fascicularis	6	
WS_CT_02	7/6/2020	IMG_0152.AVI	6/15/2020 13:19	6/15/2020	13:19:24	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0153.AVI	6/15/2020 13:21	6/15/2020	13:21:04	Mammal	Macaca fascicularis	2	
WS_CT_02	7/6/2020	IMG_0154.AVI	6/15/2020 13:21	6/15/2020	13:21:24	Mammal	Macaca fascicularis	2	
WS_CT_02	7/6/2020	IMG_0155.AVI	6/15/2020 13:26	6/15/2020	13:26:50	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0157.AVI	6/15/2020 13:32	6/15/2020	13:32:14	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0158.AVI	6/15/2020 13:33	6/15/2020	13:33:46	Mammal	Macaca fascicularis	4	
WS_CT_02	7/6/2020	IMG_0159.AVI	6/15/2020 13:34	6/15/2020	13:34:08	Mammal	Macaca fascicularis	4	
WS_CT_02	7/6/2020	IMG_0160.AVI	6/15/2020 13:34	6/15/2020	13:34:30	Mammal	Macaca fascicularis	4	
WS_CT_02	7/6/2020	IMG_0161.AVI	6/15/2020 13:34	6/15/2020	13:34:58	Mammal	Macaca fascicularis	5	
WS_CT_02	7/6/2020	IMG_0162.AVI	6/15/2020 13:35	6/15/2020	13:35:20	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0163.AVI	6/15/2020 13:37	6/15/2020	13:37:36	Mammal	Macaca fascicularis	2	
WS_CT_02	7/6/2020	IMG_0164.AVI	6/15/2020 13:43	6/15/2020	13:43:48	Mammal	Sus scrofa	3	
WS_CT_02	7/6/2020	IMG_0165.AVI	6/16/2020 7:39	6/16/2020	7:39:20	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0166.AVI	6/16/2020 7:39	6/16/2020	7:39:58	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0167.AVI	6/16/2020 18:26	6/16/2020	18:26:14	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0168.AVI	6/16/2020 19:08	6/16/2020	19:08:16	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0169.AVI	6/17/2020 3:04	6/17/2020	3:04:32	Mammal	Manis javanica	1	
WS_CT_02	7/6/2020	IMG_0170.AVI	6/18/2020 16:01	6/18/2020	16:01:56	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0171.AVI	6/19/2020 10:46	6/19/2020	10:46:04	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0173.AVI	6/20/2020 17:43	6/20/2020	17:43:44	Mammal	Sus scrofa	3	
WS_CT_02	7/6/2020	IMG_0174.AVI	6/21/2020 18:45	6/21/2020	18:45:44	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	7/6/2020	IMG_0175.AVI	6/22/2020 14:55	6/22/2020	14:55:42	Mammal	Sus scrofa	2	
WS_CT_02	7/6/2020	IMG_0176.AVI	6/23/2020 13:26	6/23/2020	13:26:00	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0177.AVI	6/23/2020 14:19	6/23/2020	14:19:22	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0179.AVI	6/25/2020 13:03	6/25/2020	13:03:22	Mammal	Tupaia glis	1	
WS_CT_02	7/6/2020	IMG_0181.AVI	6/26/2020 21:58	6/26/2020	21:58:52	Mammal	Unidentified mammal	1	Likely pig
WS_CT_02	7/6/2020	IMG_0182.AVI	6/27/2020 5:54	6/27/2020	5:54:08	Mammal	Manis javanica	1	
WS_CT_02	7/6/2020	IMG_0183.AVI	6/27/2020 11:44	6/27/2020	11:44:00	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0184.AVI	6/27/2020 11:44	6/27/2020	11:44:32	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0185.AVI	6/27/2020 11:46	6/27/2020	11:46:44	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0186.AVI	6/27/2020 14:25	6/27/2020	14:25:12	Mammal	Unidentified squirrel or shrew	2	
WS_CT_02	7/6/2020	IMG_0187.AVI	6/27/2020 14:32	6/27/2020	14:32:26	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0188.AVI	6/27/2020 14:43	6/27/2020	14:43:06	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0190.AVI	6/27/2020 15:20	6/27/2020	15:20:04	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0191.AVI	6/27/2020 15:27	6/27/2020	15:27:10	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0192.AVI	6/27/2020 15:37	6/27/2020	15:37:02	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0192.AVI	6/27/2020 15:37	6/27/2020	15:37:02	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	7/6/2020	IMG_0193.AVI	6/27/2020 15:38	6/27/2020	15:38:06	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0194.AVI	6/27/2020 16:40	6/27/2020	16:40:32	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0195.AVI	6/28/2020 15:06	6/28/2020	15:06:32	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0196.AVI	6/28/2020 15:47	6/28/2020	15:47:42	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0196.AVI	6/28/2020 15:47	6/28/2020	15:47:42	Reptile	Varanus sp.	1	
WS_CT_02	7/6/2020	IMG_0197.AVI	6/29/2020 7:22	6/29/2020	7:22:42	Mammal	Tragulus kanchil	1	
WS_CT_02	7/6/2020	IMG_0198.AVI	6/29/2020 7:25	6/29/2020	7:25:06	Mammal	Tragulus kanchil	1	
WS_CT_02	7/6/2020	IMG_0199.AVI	6/29/2020 7:26	6/29/2020	7:26:44	Mammal	Tragulus kanchil	1	
WS_CT_02	7/6/2020	IMG_0200.AVI	6/29/2020 11:19	6/29/2020	11:19:48	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0201.AVI	6/29/2020 11:45	6/29/2020	11:45:20	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0202.AVI	6/29/2020 12:11	6/29/2020	12:11:42	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	7/6/2020	IMG_0203.AVI	6/29/2020 12:16	6/29/2020	12:16:32	Mammal	Callosciurus notatus	1	Holding fruit in mouth
WS_CT_02	7/6/2020	IMG_0204.AVI	6/29/2020 12:23	6/29/2020	12:23:32	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0206.AVI	6/30/2020 6:37	6/30/2020	6:37:16	Bird	Caprimulgus macrurus	1	
WS_CT_02	7/6/2020	IMG_0209.AVI	6/30/2020 13:24	6/30/2020	13:24:08	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0211.AVI	7/1/2020 9:07	7/1/2020	9:07:08	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0212.AVI	7/1/2020 9:07	7/1/2020	9:07:30	Mammal	Sus scrofa	1	
WS_CT_02	7/6/2020	IMG_0213.AVI	7/1/2020 12:09	7/1/2020	12:09:00	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0214.AVI	7/1/2020 12:09	7/1/2020	12:09:46	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0215.AVI	7/1/2020 12:11	7/1/2020	12:11:22	Bird	Gallus gallus	2	
WS_CT_02	7/6/2020	IMG_0217.AVI	7/1/2020 16:54	7/1/2020	16:54:18	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0218.AVI	7/1/2020 18:54	7/1/2020	18:54:20	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0220.AVI	7/2/2020 10:33	7/2/2020	10:33:38	Mammal	Macaca fascicularis	9	
WS_CT_02	7/6/2020	IMG_0221.AVI	7/2/2020 10:34	7/2/2020	10:34:02	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0222.AVI	7/2/2020 15:21	7/2/2020	15:21:46	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0223.AVI	7/2/2020 18:50	7/2/2020	18:50:52	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	7/6/2020	IMG_0225.AVI	7/3/2020 13:31	7/3/2020	13:31:28	Mammal	Callosciurus notatus	2	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_02	7/6/2020	IMG_0226.AVI	7/3/2020 13:33	7/3/2020	13:33:34	NA	Unidentified sp.	1	
WS_CT_02	7/6/2020	IMG_0228.AVI	7/3/2020 14:17	7/3/2020	14:17:08	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0229.AVI	7/3/2020 14:39	7/3/2020	14:39:14	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0230.AVI	7/3/2020 14:40	7/3/2020	14:40:40	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	7/6/2020	IMG_0231.AVI	7/4/2020 10:51	7/4/2020	10:51:26	Bird	Gallus gallus	1	
WS_CT_02	7/6/2020	IMG_0232.AVI	7/4/2020 11:19	7/4/2020	11:19:20	Bird	Caprimulgus macrurus	1	
WS_CT_02	7/6/2020	IMG_0232.AVI	7/4/2020 11:19	7/4/2020	11:19:20	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	7/6/2020	IMG_0234.AVI	7/4/2020 11:21	7/4/2020	11:21:20	NA	Unidentified sp.	1	
WS_CT_02	7/6/2020	IMG_0235.AVI	7/4/2020 11:23	7/4/2020	11:23:58	Mammal	Callosciurus notatus	1	
WS_CT_02	7/6/2020	IMG_0237.AVI	7/5/2020 10:52	7/5/2020	10:52:04	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0238.AVI	7/5/2020 16:06	7/5/2020	16:06:14	Bird	Gallus gallus	3	
WS_CT_02	7/6/2020	IMG_0239.AVI	7/5/2020 16:06	7/5/2020	16:06:46	Bird	Gallus gallus	3	
WS_CT_02	7/6/2020	IMG_0240.AVI	7/5/2020 17:48	7/5/2020	17:48:32	Mammal	Sus scrofa	2	2 piglets
WS_CT_02	7/6/2020	IMG_0241.AVI	7/5/2020 17:48	7/5/2020	17:48:54	Mammal	Sus scrofa	3	2 piglets
WS_CT_02	7/6/2020	IMG_0242.AVI	7/5/2020 17:49	7/5/2020	17:49:14	Mammal	Sus scrofa	2	1 piglet, interacting with CT
WS_CT_02	7/6/2020	IMG_0243.AVI	7/5/2020 17:49	7/5/2020	17:49:38	Mammal	Sus scrofa	3	3 piglets
WS_CT_02	7/6/2020	IMG_0244.AVI	7/5/2020 17:49	7/5/2020	17:49:58	Mammal	Sus scrofa	3	3 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0245.AVI	7/5/2020 17:50	7/5/2020	17:50:20	Mammal	Sus scrofa	3	3 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0246.AVI	7/5/2020 17:50	7/5/2020	17:50:40	Mammal	Sus scrofa	4	3 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0247.AVI	7/5/2020 17:51	7/5/2020	17:51:02	Mammal	Macaca fascicularis	1	
WS_CT_02	7/6/2020	IMG_0248.AVI	7/5/2020 17:51	7/5/2020	17:51:22	Mammal	Sus scrofa	5	4 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0249.AVI	7/5/2020 17:51	7/5/2020	17:51:44	Mammal	Sus scrofa	4	3 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0250.AVI	7/5/2020 17:52	7/5/2020	17:52:06	Mammal	Sus scrofa	3	3 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0251.AVI	7/5/2020 17:52	7/5/2020	17:52:26	Mammal	Sus scrofa	2	2 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0252.AVI	7/5/2020 17:52	7/5/2020	17:52:48	Mammal	Sus scrofa	1	Piglet, interacting with CT
WS_CT_02	7/6/2020	IMG_0253.AVI	7/5/2020 17:53	7/5/2020	17:53:10	Mammal	Sus scrofa	1	Piglet, interacting with CT
WS_CT_02	7/6/2020	IMG_0254.AVI	7/5/2020 17:55	7/5/2020	17:55:32	Mammal	Sus scrofa	1	Piglet, interacting with CT
WS_CT_02	7/6/2020	IMG_0255.AVI	7/5/2020 17:55	7/5/2020	17:55:54	Mammal	Sus scrofa	2	2 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0256.AVI	7/5/2020 17:56	7/5/2020	17:56:14	Mammal	Sus scrofa	2	2 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0257.AVI	7/5/2020 17:56	7/5/2020	17:56:36	Mammal	Sus scrofa	3	3 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0258.AVI	7/5/2020 17:56	7/5/2020	17:56:56	Mammal	Sus scrofa	3	3 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0259.AVI	7/5/2020 17:57	7/5/2020	17:57:18	Mammal	Sus scrofa	2	2 piglets, interacting with CT
WS_CT_02	7/6/2020	IMG_0260.AVI	7/5/2020 19:04	7/5/2020	19:04:18	Mammal	Unidentified squirrel or shrew	1	
WS_CT_02	7/6/2020	IMG_0208.AVI	7/27/2020 12:54	7/27/2020	12:54:51	Bird	Caprimulgus sp.	1	
WS_CT_03	6/3/2020	IMG_0062.AVI	4/7/2020 20:11	4/7/2020	20:11:32	Bird	Gallus gallus	1	
WS_CT_03	6/3/2020	IMG_0063.AVI	4/7/2020 20:12	4/7/2020	20:12:24	Bird	Gallus gallus	1	
WS_CT_03	6/3/2020	IMG_0064.AVI	4/7/2020 20:12	4/7/2020	20:12:46	Bird	Gallus gallus	2	
WS_CT_03	6/3/2020	IMG_0065.AVI	4/7/2020 20:24	4/7/2020	20:24:34	Bird	Gallus gallus	1	
WS_CT_03	6/3/2020	IMG_0067.AVI	4/7/2020 20:24	4/7/2020	20:24:56	Bird	Gallus gallus	1	
WS_CT_03	6/3/2020	IMG_0069.AVI	4/7/2020 21:20	4/7/2020	21:20:40	Bird	Gallus gallus	2	
WS_CT_03	6/3/2020	IMG_0030.AVI	4/7/2020 23:11	4/7/2020	23:11:32	Mammal	Macaca fascicularis	1	
WS_CT_03	6/3/2020	IMG_0061.AVI	4/8/2020 0:36	4/8/2020	0:36:36	Mammal	Macaca fascicularis	2	
WS_CT_03	6/3/2020	IMG_0077.AVI	4/8/2020 9:38	4/8/2020	9:38:34	Mammal	Macaca fascicularis	2	
WS_CT_03	6/3/2020	IMG_0078.AVI	4/8/2020 18:41	4/8/2020	18:41:04	Mammal	Macaca fascicularis	2	
WS_CT_03	6/3/2020	IMG_0079.AVI	4/8/2020 18:43	4/8/2020	18:43:08	Mammal	Macaca fascicularis	2	
WS_CT_03	6/3/2020	IMG_0080.AVI	4/8/2020 19:52	4/8/2020	19:52:08	Mammal	Macaca fascicularis	3	
WS_CT_03	6/3/2020	IMG_0081.AVI	4/8/2020 20:09	4/8/2020	20:09:40	Mammal	Macaca fascicularis	4	
WS_CT_03	6/3/2020	IMG_0082.AVI	4/8/2020 21:36	4/8/2020	21:36:10	Mammal	Macaca fascicularis	2	
WS_CT_03	6/3/2020	IMG_0083.AVI	4/8/2020 21:39	4/8/2020	21:39:08	Mammal	Macaca fascicularis	2	
WS_CT_03	6/3/2020	IMG_0084.AVI	4/9/2020 3:41	4/9/2020	3:41:40	Mammal	Macaca fascicularis	1	
WS_CT_03	6/3/2020	IMG_0085.AVI	4/9/2020 3:42	4/9/2020	3:42:12	Mammal	Macaca fascicularis	1	
WS_CT_03	6/3/2020	IMG_0086.AVI	4/9/2020 5:18	4/9/2020	5:18:02	Mammal	Macaca fascicularis	1	
WS_CT_03	6/3/2020	IMG_0087.AVI	4/9/2020 9:47	4/9/2020	9:47:10	Mammal	Macaca fascicularis	1	
WS_CT_03	6/3/2020	IMG_0088.AVI	4/9/2020 10:17	4/9/2020	10:17:46	Mammal	Macaca fascicularis	1	
WS_CT_03	6/3/2020	IMG_0012.AVI	4/9/2020 17:02	4/9/2020	17:02:06	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0013.AVI	4/9/2020 21:26	4/9/2020	21:26:28	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0018.AVI	4/9/2020 23:03	4/9/2020	23:03:02	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0024.AVI	4/10/2020 2:09	4/10/2020	2:09:42	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0028.AVI	4/10/2020 5:20	4/10/2020	5:20:40	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0036.AVI	4/10/2020 6:50	4/10/2020	6:50:34	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0041.AVI	4/10/2020 19:05	4/10/2020	19:05:32	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0042.AVI	4/10/2020 19:49	4/10/2020	19:49:26	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0059.AVI	4/11/2020 17:14	4/11/2020	17:14:08	Mammal	Rattus sp.	2	
WS_CT_03	6/3/2020	IMG_0060.AVI	4/11/2020 20:28	4/11/2020	20:28:52	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0076.AVI	4/11/2020 20:29	4/11/2020	20:29:56	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0008.AVI	4/11/2020 20:30	4/11/2020	20:30:30	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0009.AVI	4/11/2020 20:40	4/11/2020	20:40:42	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0010.AVI	4/11/2020 20:41	4/11/2020	20:41:04	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0015.AVI	4/11/2020 20:41	4/11/2020	20:41:26	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0016.AVI	4/12/2020 13:49	4/12/2020	13:49:58	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0017.AVI	4/12/2020 13:50	4/12/2020	13:50:56	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0020.AVI	4/12/2020 15:12	4/12/2020	15:12:50	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0021.AVI	4/12/2020 18:43	4/12/2020	18:43:26	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0022.AVI	4/12/2020 18:58	4/12/2020	18:58:54	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0032.AVI	4/12/2020 21:01	4/12/2020	21:01:40	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0034.AVI	4/12/2020 21:03	4/12/2020	21:03:16	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0037.AVI	4/12/2020 21:03	4/12/2020	21:03:38	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0056.AVI	4/12/2020 21:03	4/12/2020	21:03:38	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0038.AVI	4/13/2020 19:42	4/13/2020	19:42:02	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0040.AVI	4/13/2020 19:54	4/13/2020	19:54:38	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0044.AVI	4/13/2020 19:55	4/13/2020	19:55:12	Mammal	Sus scrofa	2	
WS_CT_03	6/3/2020	IMG_0045.AVI	4/14/2020 5:45	4/14/2020	5:45:14	Mammal	Sus scrofa	2	
WS_CT_03	6/3/2020	IMG_0046.AVI	4/14/2020 12:10	4/14/2020	12:10:22	Mammal	Sus scrofa	2	
WS_CT_03	6/3/2020	IMG_0047.AVI	4/14/2020 13:31	4/14/2020	13:31:32	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	6/3/2020	IMG_0048.AVI	4/15/2020 7:26	4/15/2020	7:26:22	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0049.AVI	4/15/2020 8:39	4/15/2020	8:39:28	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	6/3/2020	IMG_0051.AVI	4/15/2020 8:53	4/15/2020	8:53:52	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0052.AVI	4/15/2020 14:26	4/15/2020	14:26:18	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0066.AVI	4/15/2020 14:26	4/15/2020	14:26:18	Mammal	Sus scrofa	1	piglet
WS_CT_03	6/3/2020	IMG_0054.AVI	4/15/2020 15:55	4/15/2020	15:55:20	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0055.AVI	4/15/2020 18:10	4/15/2020	18:10:34	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0057.AVI	4/16/2020 7:11	4/16/2020	7:11:22	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0068.AVI	4/16/2020 7:40	4/16/2020	7:40:56	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0070.AVI	4/16/2020 7:43	4/16/2020	7:43:18	Mammal	Sus scrofa	2	
WS_CT_03	6/3/2020	IMG_0071.AVI	4/16/2020 19:54	4/16/2020	19:54:34	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0073.AVI	4/16/2020 22:34	4/16/2020	22:34:50	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0074.AVI	4/16/2020 22:39	4/16/2020	22:39:54	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0075.AVI	4/16/2020 22:42	4/16/2020	22:42:04	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0011.AVI	4/16/2020 22:43	4/16/2020	22:43:52	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0019.AVI	4/17/2020 10:09	4/17/2020	10:09:44	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0023.AVI	4/17/2020 10:11	4/17/2020	10:11:52	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0025.AVI	4/17/2020 10:15	4/17/2020	10:15:18	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0026.AVI	4/17/2020 10:16	4/17/2020	10:16:02	Mammal	Sus scrofa	1	
WS_CT_03	6/3/2020	IMG_0027.AVI	4/17/2020 10:17	4/17/2020	10:17:00	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0029.AVI	4/17/2020 10:18	4/17/2020	10:18:10	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0033.AVI	4/17/2020 10:20	4/17/2020	10:20:00	NA	Unidentified sp.	1	
WS_CT_03	6/3/2020	IMG_0035.AVI	4/17/2020 11:55	4/17/2020	11:55:42	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0039.AVI	4/17/2020 11:56	4/17/2020	11:56:04	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0058.AVI	4/17/2020 11:56	4/17/2020	11:56:26	Mammal	Rattus sp.	1	
WS_CT_03	6/3/2020	IMG_0072.AVI	4/17/2020 11:56	4/17/2020	11:56:48	NA	Unidentified sp.	1	
WS_CT_03	6/3/2020	IMG_0031.AVI	4/17/2020 12:01	4/17/2020	12:01:42	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/6/2020	IMG_0011.AVI	6/3/2020 14:41	6/3/2020	14:41:14	Mammal	Sus scrofa	1	Piglet
WS_CT_03	7/6/2020	IMG_0012.AVI	6/3/2020 18:52	6/3/2020	18:52:54	Mammal	Tupaia glis	1	
WS_CT_03	7/6/2020	IMG_0015.AVI	6/4/2020 9:48	6/4/2020	9:48:44	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0016.AVI	6/4/2020 13:08	6/4/2020	13:08:48	Mammal	Macaca fascicularis	11	
WS_CT_03	7/6/2020	IMG_0017.AVI	6/4/2020 13:09	6/4/2020	13:09:38	Mammal	Macaca fascicularis	2	
WS_CT_03	7/6/2020	IMG_0018.AVI	6/4/2020 13:10	6/4/2020	13:10:06	Mammal	Macaca fascicularis	3	
WS_CT_03	7/6/2020	IMG_0019.AVI	6/4/2020 13:11	6/4/2020	13:11:14	Mammal	Macaca fascicularis	3	
WS_CT_03	7/6/2020	IMG_0020.AVI	6/4/2020 13:11	6/4/2020	13:11:36	Mammal	Macaca fascicularis	3	
WS_CT_03	7/6/2020	IMG_0021.AVI	6/4/2020 13:12	6/4/2020	13:12:36	Mammal	Macaca fascicularis	3	
WS_CT_03	7/6/2020	IMG_0022.AVI	6/4/2020 13:15	6/4/2020	13:15:50	Mammal	Macaca fascicularis	2	
WS_CT_03	7/6/2020	IMG_0023.AVI	6/4/2020 13:16	6/4/2020	13:16:50	Mammal	Macaca fascicularis	4	
WS_CT_03	7/6/2020	IMG_0024.AVI	6/4/2020 15:45	6/4/2020	15:45:44	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0025.AVI	6/4/2020 15:46	6/4/2020	15:46:08	Mammal	Sus scrofa	6	5 piglets
WS_CT_03	7/6/2020	IMG_0026.AVI	6/4/2020 15:46	6/4/2020	15:46:30	Mammal	Sus scrofa	5	5 piglets
WS_CT_03	7/6/2020	IMG_0027.AVI	6/4/2020 15:47	6/4/2020	15:47:02	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	7/6/2020	IMG_0028.AVI	6/4/2020 15:47	6/4/2020	15:47:26	Mammal	Sus scrofa	1	Piglet
WS_CT_03	7/6/2020	IMG_0029.AVI	6/4/2020 21:13	6/4/2020	21:13:42	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0030.AVI	6/4/2020 21:17	6/4/2020	21:17:32	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0031.AVI	6/5/2020 7:20	6/5/2020	7:20:18	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0032.AVI	6/5/2020 10:33	6/5/2020	10:33:34	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0033.AVI	6/5/2020 10:33	6/5/2020	10:33:56	Bird	Gallus gallus	2	
WS_CT_03	7/6/2020	IMG_0034.AVI	6/5/2020 10:34	6/5/2020	10:34:18	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0036.AVI	6/6/2020 6:04	6/6/2020	6:04:08	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0037.AVI	6/6/2020 21:51	6/6/2020	21:51:36	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0038.AVI	6/6/2020 22:33	6/6/2020	22:33:40	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0039.AVI	6/6/2020 23:30	6/6/2020	23:30:48	NA	Unidentified sp.	1	
WS_CT_03	7/6/2020	IMG_0041.AVI	6/7/2020 3:45	6/7/2020	3:45:30	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0042.AVI	6/7/2020 10:54	6/7/2020	10:54:08	Mammal	Sus scrofa	3	3 piglets
WS_CT_03	7/6/2020	IMG_0043.AVI	6/7/2020 10:54	6/7/2020	10:54:30	Mammal	Sus scrofa	4	3 piglets
WS_CT_03	7/6/2020	IMG_0044.AVI	6/7/2020 10:54	6/7/2020	10:54:50	Mammal	Sus scrofa	3	2 piglets
WS_CT_03	7/6/2020	IMG_0045.AVI	6/7/2020 10:55	6/7/2020	10:55:38	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	7/6/2020	IMG_0046.AVI	6/7/2020 10:56	6/7/2020	10:56:00	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	7/6/2020	IMG_0047.AVI	6/7/2020 15:07	6/7/2020	15:07:44	Reptile	Varanus sp.	1	
WS_CT_03	7/6/2020	IMG_0048.AVI	6/7/2020 17:55	6/7/2020	17:55:06	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0049.AVI	6/7/2020 22:13	6/7/2020	22:13:14	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0050.AVI	6/8/2020 12:58	6/8/2020	12:58:14	Mammal	Sus scrofa	1	Piglet
WS_CT_03	7/6/2020	IMG_0051.AVI	6/8/2020 13:02	6/8/2020	13:02:54	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_03	7/6/2020	IMG_0052.AVI	6/8/2020 13:03	6/8/2020	13:03:16	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_03	7/6/2020	IMG_0053.AVI	6/8/2020 13:04	6/8/2020	13:04:40	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0054.AVI	6/8/2020 13:05	6/8/2020	13:05:02	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0055.AVI	6/8/2020 15:30	6/8/2020	15:30:00	Mammal	Callosciurus notatus	1	
WS_CT_03	7/6/2020	IMG_0056.AVI	6/8/2020 19:35	6/8/2020	19:35:54	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0057.AVI	6/8/2020 19:42	6/8/2020	19:42:12	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0059.AVI	6/9/2020 9:30	6/9/2020	9:30:02	Bird	Unidentified bird	1	Possibly Dicrurus paradiseus
WS_CT_03	7/6/2020	IMG_0060.AVI	6/9/2020 9:30	6/9/2020	9:30:54	Bird	Unidentified bird	1	Possibly Dicrurus paradiseus
WS_CT_03	7/6/2020	IMG_0061.AVI	6/9/2020 14:51	6/9/2020	14:51:34	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0062.AVI	6/9/2020 14:52	6/9/2020	14:52:02	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0063.AVI	6/9/2020 14:52	6/9/2020	14:52:50	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0064.AVI	6/9/2020 15:18	6/9/2020	15:18:32	Mammal	Sus scrofa	3	3 piglets
WS_CT_03	7/6/2020	IMG_0065.AVI	6/9/2020 15:42	6/9/2020	15:42:12	Bird	Gallus gallus	2	
WS_CT_03	7/6/2020	IMG_0066.AVI	6/9/2020 15:42	6/9/2020	15:42:34	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0067.AVI	6/9/2020 16:34	6/9/2020	16:34:00	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0068.AVI	6/9/2020 22:00	6/9/2020	22:00:30	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0069.AVI	6/9/2020 22:31	6/9/2020	22:31:50	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0071.AVI	6/10/2020 18:24	6/10/2020	18:24:52	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/6/2020	IMG_0072.AVI	6/10/2020 20:01	6/10/2020	20:01:32	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0073.AVI	6/10/2020 20:22	6/10/2020	20:22:46	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0074.AVI	6/10/2020 20:23	6/10/2020	20:23:08	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0075.AVI	6/10/2020 22:12	6/10/2020	22:12:46	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0076.AVI	6/11/2020 7:46	6/11/2020	7:46:06	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0077.AVI	6/11/2020 14:16	6/11/2020	14:16:48	Mammal	Sus scrofa	2	2 piglets

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	7/6/2020	IMG_0078.AVI	6/12/2020 18:21	6/12/2020	18:21:02	Mammal	Sus scrofa	2	1 piglet
WS_CT_03	7/6/2020	IMG_0079.AVI	6/12/2020 21:45	6/12/2020	21:45:10	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0080.AVI	6/13/2020 8:28	6/13/2020	8:28:40	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0081.AVI	6/13/2020 9:06	6/13/2020	9:06:34	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0082.AVI	6/13/2020 20:09	6/13/2020	20:09:34	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0083.AVI	6/14/2020 1:10	6/14/2020	1:10:54	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0084.AVI	6/14/2020 7:44	6/14/2020	7:44:36	Bird	Gallus gallus	2	
WS_CT_03	7/6/2020	IMG_0085.AVI	6/14/2020 7:46	6/14/2020	7:46:22	Bird	Gallus gallus	2	
WS_CT_03	7/6/2020	IMG_0086.AVI	6/14/2020 15:12	6/14/2020	15:12:36	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0087.AVI	6/14/2020 15:14	6/14/2020	15:14:00	Mammal	Sus scrofa	5	3 piglets
WS_CT_03	7/6/2020	IMG_0088.AVI	6/14/2020 19:50	6/14/2020	19:50:38	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0090.AVI	6/15/2020 12:52	6/15/2020	12:52:54	Mammal	Callosciurus notatus	1	
WS_CT_03	7/6/2020	IMG_0091.AVI	6/15/2020 16:26	6/15/2020	16:26:32	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0092.AVI	6/15/2020 16:27	6/15/2020	16:27:02	Mammal	Macaca fascicularis	2	
WS_CT_03	7/6/2020	IMG_0093.AVI	6/15/2020 16:27	6/15/2020	16:27:26	Mammal	Macaca fascicularis	5	
WS_CT_03	7/6/2020	IMG_0094.AVI	6/15/2020 16:27	6/15/2020	16:27:52	Mammal	Macaca fascicularis	7	
WS_CT_03	7/6/2020	IMG_0095.AVI	6/15/2020 16:28	6/15/2020	16:28:54	Mammal	Macaca fascicularis	4	
WS_CT_03	7/6/2020	IMG_0096.AVI	6/15/2020 16:29	6/15/2020	16:29:20	Mammal	Macaca fascicularis	4	
WS_CT_03	7/6/2020	IMG_0097.AVI	6/15/2020 16:41	6/15/2020	16:41:30	Mammal	Macaca fascicularis	9	
WS_CT_03	7/6/2020	IMG_0098.AVI	6/15/2020 16:41	6/15/2020	16:41:50	Mammal	Macaca fascicularis	2	
WS_CT_03	7/6/2020	IMG_0099.AVI	6/15/2020 16:42	6/15/2020	16:42:12	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_03	7/6/2020	IMG_0100.AVI	6/15/2020 16:42	6/15/2020	16:42:34	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_03	7/6/2020	IMG_0101.AVI	6/15/2020 16:43	6/15/2020	16:43:32	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0102.AVI	6/15/2020 17:01	6/15/2020	17:01:30	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0103.AVI	6/15/2020 17:42	6/15/2020	17:42:08	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0104.AVI	6/15/2020 17:42	6/15/2020	17:42:34	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0105.AVI	6/15/2020 19:10	6/15/2020	19:10:40	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0106.AVI	6/15/2020 19:11	6/15/2020	19:11:02	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0107.AVI	6/15/2020 19:35	6/15/2020	19:35:48	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0108.AVI	6/15/2020 23:03	6/15/2020	23:03:14	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0109.AVI	6/16/2020 18:19	6/16/2020	18:19:42	Mammal	Tupaia glis	1	
WS_CT_03	7/6/2020	IMG_0110.AVI	6/17/2020 18:45	6/17/2020	18:45:46	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0111.AVI	6/18/2020 1:26	6/18/2020	1:26:20	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0112.AVI	6/18/2020 3:17	6/18/2020	3:17:44	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0113.AVI	6/18/2020 6:15	6/18/2020	6:15:10	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0115.AVI	6/18/2020 10:03	6/18/2020	10:03:30	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0116.AVI	6/18/2020 11:39	6/18/2020	11:39:12	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0117.AVI	6/18/2020 11:59	6/18/2020	11:59:52	Mammal	Macaca fascicularis	2	Interacting with camera
WS_CT_03	7/6/2020	IMG_0119.AVI	6/18/2020 12:01	6/18/2020	12:01:08	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0120.AVI	6/18/2020 18:51	6/18/2020	18:51:50	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/6/2020	IMG_0121.AVI	6/18/2020 19:40	6/18/2020	19:40:40	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0122.AVI	6/18/2020 19:42	6/18/2020	19:42:48	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0123.AVI	6/19/2020 4:20	6/19/2020	4:20:06	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0124.AVI	6/19/2020 4:21	6/19/2020	4:21:02	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0125.AVI	6/19/2020 6:36	6/19/2020	6:36:28	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0126.AVI	6/19/2020 6:52	6/19/2020	6:52:42	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0127.AVI	6/19/2020 7:20	6/19/2020	7:20:16	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0128.AVI	6/19/2020 7:20	6/19/2020	7:20:38	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0129.AVI	6/19/2020 11:04	6/19/2020	11:04:44	Mammal	Tupaia glis	1	
WS_CT_03	7/6/2020	IMG_0130.AVI	6/19/2020 17:38	6/19/2020	17:38:44	Mammal	Unidentified squirrel or shrew	2	
WS_CT_03	7/6/2020	IMG_0131.AVI	6/19/2020 20:02	6/19/2020	20:02:12	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0132.AVI	6/20/2020 8:34	6/20/2020	8:34:16	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0133.AVI	6/20/2020 11:25	6/20/2020	11:25:00	Mammal	Sus scrofa	3	
WS_CT_03	7/6/2020	IMG_0134.AVI	6/20/2020 16:01	6/20/2020	16:01:48	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/6/2020	IMG_0135.AVI	6/20/2020 20:31	6/20/2020	20:31:44	NA	Unidentified sp.	1	
WS_CT_03	7/6/2020	IMG_0137.AVI	6/21/2020 8:11	6/21/2020	8:11:04	Bird	Gallus gallus	2	
WS_CT_03	7/6/2020	IMG_0138.AVI	6/21/2020 8:12	6/21/2020	8:12:22	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0139.AVI	6/22/2020 14:15	6/22/2020	14:15:24	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	7/6/2020	IMG_0140.AVI	6/23/2020 2:20	6/23/2020	2:20:14	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0141.AVI	6/23/2020 5:24	6/23/2020	5:24:10	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0142.AVI	6/23/2020 17:36	6/23/2020	17:36:10	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0143.AVI	6/24/2020 1:41	6/24/2020	1:41:06	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0145.AVI	6/24/2020 16:33	6/24/2020	16:33:24	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0146.AVI	6/24/2020 17:21	6/24/2020	17:21:18	Mammal	Tupaia glis	1	
WS_CT_03	7/6/2020	IMG_0147.AVI	6/24/2020 17:43	6/24/2020	17:43:00	Mammal	Unidentified squirrel or shrew	2	
WS_CT_03	7/6/2020	IMG_0148.AVI	6/25/2020 5:04	6/25/2020	5:04:26	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0149.AVI	6/25/2020 9:30	6/25/2020	9:30:58	Mammal	Tupaia glis	2	
WS_CT_03	7/6/2020	IMG_0150.AVI	6/25/2020 10:16	6/25/2020	10:16:52	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0151.AVI	6/25/2020 10:21	6/25/2020	10:21:24	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0152.AVI	6/25/2020 14:11	6/25/2020	14:11:32	Mammal	Sus scrofa	1	Piglet
WS_CT_03	7/6/2020	IMG_0153.AVI	6/25/2020 14:11	6/25/2020	14:11:58	Mammal	Sus scrofa	1	Piglet
WS_CT_03	7/6/2020	IMG_0154.AVI	6/25/2020 14:13	6/25/2020	14:13:06	Mammal	Sus scrofa	1	Piglet
WS_CT_03	7/6/2020	IMG_0155.AVI	6/26/2020 7:39	6/26/2020	7:39:44	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0156.AVI	6/26/2020 7:44	6/26/2020	7:44:02	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0157.AVI	6/26/2020 7:46	6/26/2020	7:46:14	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0158.AVI	6/26/2020 8:19	6/26/2020	8:19:54	Bird	Gallus gallus	2	
WS_CT_03	7/6/2020	IMG_0159.AVI	6/26/2020 9:03	6/26/2020	9:03:50	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0160.AVI	6/26/2020 9:40	6/26/2020	9:40:20	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0161.AVI	6/26/2020 10:10	6/26/2020	10:10:10	Mammal	Sus scrofa	1	Piglet
WS_CT_03	7/6/2020	IMG_0162.AVI	6/26/2020 10:36	6/26/2020	10:36:58	Mammal	Sus scrofa	1	Piglet
WS_CT_03	7/6/2020	IMG_0163.AVI	6/26/2020 14:00	6/26/2020	14:00:08	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0164.AVI	6/26/2020 15:53	6/26/2020	15:53:56	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0165.AVI	6/26/2020 15:54	6/26/2020	15:54:32	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0166.AVI	6/26/2020 15:54	6/26/2020	15:54:54	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0167.AVI	6/26/2020 20:42	6/26/2020	20:42:26	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0168.AVI	6/26/2020 21:46	6/26/2020	21:46:48	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	7/6/2020	IMG_0169.AVI	6/26/2020 21:50	6/26/2020	21:50:14	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0170.AVI	6/27/2020 1:02	6/27/2020	1:02:40	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0171.AVI	6/27/2020 5:04	6/27/2020	5:04:42	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0172.AVI	6/27/2020 7:41	6/27/2020	7:41:56	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0173.AVI	6/27/2020 8:02	6/27/2020	8:02:02	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0174.AVI	6/27/2020 9:34	6/27/2020	9:34:14	Mammal	Macaca fascicularis	3	
WS_CT_03	7/6/2020	IMG_0175.AVI	6/27/2020 9:38	6/27/2020	9:38:16	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0176.AVI	6/27/2020 9:39	6/27/2020	9:39:32	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0177.AVI	6/27/2020 9:40	6/27/2020	9:40:22	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0178.AVI	6/27/2020 9:55	6/27/2020	9:55:00	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0179.AVI	6/27/2020 9:55	6/27/2020	9:55:34	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0180.AVI	6/27/2020 9:59	6/27/2020	9:59:30	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0181.AVI	6/27/2020 10:00	6/27/2020	10:00:02	Mammal	Macaca fascicularis	2	
WS_CT_03	7/6/2020	IMG_0182.AVI	6/27/2020 10:17	6/27/2020	10:17:24	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0183.AVI	6/27/2020 19:08	6/27/2020	19:08:08	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0184.AVI	6/27/2020 19:37	6/27/2020	19:37:42	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0185.AVI	6/27/2020 20:54	6/27/2020	20:54:10	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0186.AVI	6/27/2020 21:02	6/27/2020	21:02:48	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0187.AVI	6/28/2020 5:27	6/28/2020	5:27:42	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0188.AVI	6/28/2020 5:28	6/28/2020	5:28:02	Mammal	Sus scrofa	5	5 piglets
WS_CT_03	7/6/2020	IMG_0189.AVI	6/28/2020 6:21	6/28/2020	6:21:48	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0190.AVI	6/28/2020 6:44	6/28/2020	6:44:28	Mammal	Rattus sp.	1	
WS_CT_03	7/6/2020	IMG_0191.AVI	6/28/2020 15:35	6/28/2020	15:35:34	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0192.AVI	6/28/2020 20:00	6/28/2020	20:00:32	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0197.AVI	6/29/2020 14:12	6/29/2020	14:12:02	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0198.AVI	6/29/2020 14:27	6/29/2020	14:27:06	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0199.AVI	6/29/2020 14:27	6/29/2020	14:27:34	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0200.AVI	6/29/2020 14:58	6/29/2020	14:58:26	Bird	Picus vittatus	1	
WS_CT_03	7/6/2020	IMG_0200.AVI	6/29/2020 14:58	6/29/2020	14:58:26	Mammal	Unidentified squirrel or shrew	3	
WS_CT_03	7/6/2020	IMG_0201.AVI	6/29/2020 19:39	6/29/2020	19:39:50	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0207.AVI	6/30/2020 13:22	6/30/2020	13:22:32	Mammal	Callosciurus notatus	1	
WS_CT_03	7/6/2020	IMG_0208.AVI	6/30/2020 13:53	6/30/2020	13:53:08	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0209.AVI	6/30/2020 13:53	6/30/2020	13:53:48	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0210.AVI	6/30/2020 13:54	6/30/2020	13:54:22	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0211.AVI	6/30/2020 13:56	6/30/2020	13:56:46	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0212.AVI	6/30/2020 13:57	6/30/2020	13:57:06	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0213.AVI	6/30/2020 13:57	6/30/2020	13:57:30	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0214.AVI	6/30/2020 13:58	6/30/2020	13:58:48	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0215.AVI	6/30/2020 14:07	6/30/2020	14:07:04	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0216.AVI	6/30/2020 14:07	6/30/2020	14:07:24	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0217.AVI	6/30/2020 14:07	6/30/2020	14:07:46	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0218.AVI	6/30/2020 14:08	6/30/2020	14:08:10	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0219.AVI	6/30/2020 14:08	6/30/2020	14:08:48	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0220.AVI	6/30/2020 14:09	6/30/2020	14:09:22	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0221.AVI	6/30/2020 14:09	6/30/2020	14:09:56	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0222.AVI	6/30/2020 14:45	6/30/2020	14:45:02	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0223.AVI	6/30/2020 14:45	6/30/2020	14:45:24	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0224.AVI	6/30/2020 14:46	6/30/2020	14:46:06	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0225.AVI	6/30/2020 14:52	6/30/2020	14:52:18	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0226.AVI	6/30/2020 15:00	6/30/2020	15:00:58	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0227.AVI	6/30/2020 15:01	6/30/2020	15:01:58	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0228.AVI	6/30/2020 15:02	6/30/2020	15:02:32	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0229.AVI	6/30/2020 15:04	6/30/2020	15:04:40	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0230.AVI	6/30/2020 15:07	6/30/2020	15:07:48	Mammal	Macaca fascicularis	2	Carrying infant
WS_CT_03	7/6/2020	IMG_0231.AVI	6/30/2020 18:26	6/30/2020	18:26:52	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0232.AVI	7/1/2020 8:25	7/1/2020	8:25:24	Bird	Gallus gallus	1	
WS_CT_03	7/6/2020	IMG_0233.AVI	7/1/2020 8:33	7/1/2020	8:33:58	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0234.AVI	7/1/2020 11:31	7/1/2020	11:31:54	Mammal	Callosciurus notatus	1	
WS_CT_03	7/6/2020	IMG_0235.AVI	7/1/2020 11:36	7/1/2020	11:36:06	Bird	Gallus gallus	4	
WS_CT_03	7/6/2020	IMG_0236.AVI	7/1/2020 14:13	7/1/2020	14:13:48	Mammal	Macaca fascicularis	1	
WS_CT_03	7/6/2020	IMG_0237.AVI	7/1/2020 15:12	7/1/2020	15:12:22	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0238.AVI	7/1/2020 15:13	7/1/2020	15:13:18	Mammal	Sus scrofa	1	
WS_CT_03	7/6/2020	IMG_0239.AVI	7/1/2020 15:51	7/1/2020	15:51:30	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0004.AVI	7/6/2020 10:17	7/6/2020	10:17:38	Mammal	Sus scrofa	2	
WS_CT_03	7/28/2020	IMG_0005.AVI	7/6/2020 10:17	7/6/2020	10:17:58	Mammal	Sus scrofa	2	
WS_CT_03	7/28/2020	IMG_0006.AVI	7/6/2020 10:27	7/6/2020	10:27:30	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0007.AVI	7/6/2020 11:15	7/6/2020	11:15:50	Mammal	Macaca fascicularis	4	
WS_CT_03	7/28/2020	IMG_0008.AVI	7/6/2020 11:16	7/6/2020	11:16:12	Mammal	Macaca fascicularis	1	Feeding
WS_CT_03	7/28/2020	IMG_0009.AVI	7/6/2020 11:16	7/6/2020	11:16:32	Mammal	Macaca fascicularis	5	Feeding
WS_CT_03	7/28/2020	IMG_0010.AVI	7/6/2020 11:16	7/6/2020	11:16:56	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0011.AVI	7/6/2020 11:17	7/6/2020	11:17:54	Mammal	Macaca fascicularis	3	
WS_CT_03	7/28/2020	IMG_0012.AVI	7/6/2020 11:18	7/6/2020	11:18:54	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0013.AVI	7/6/2020 11:19	7/6/2020	11:19:26	Mammal	Macaca fascicularis	4	
WS_CT_03	7/28/2020	IMG_0014.AVI	7/6/2020 11:19	7/6/2020	11:19:48	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0015.AVI	7/6/2020 11:20	7/6/2020	11:20:10	Mammal	Macaca fascicularis	2	
WS_CT_03	7/28/2020	IMG_0016.AVI	7/6/2020 11:30	7/6/2020	11:30:04	Mammal	Macaca fascicularis	2	
WS_CT_03	7/28/2020	IMG_0017.AVI	7/6/2020 11:32	7/6/2020	11:32:24	Mammal	Macaca fascicularis	2	
WS_CT_03	7/28/2020	IMG_0018.AVI	7/6/2020 12:00	7/6/2020	12:00:14	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0019.AVI	7/6/2020 12:03	7/6/2020	12:03:44	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0020.AVI	7/6/2020 12:04	7/6/2020	12:04:08	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0022.AVI	7/6/2020 12:35	7/6/2020	12:35:46	Bird	Chalcophaps indica	1	
WS_CT_03	7/28/2020	IMG_0023.AVI	7/6/2020 16:55	7/6/2020	16:55:04	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0024.AVI	7/6/2020 17:34	7/6/2020	17:34:26	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	7/28/2020	IMG_0025.AVI	7/6/2020 17:35	7/6/2020	17:35:04	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	7/28/2020	IMG_0026.AVI	7/6/2020 17:35	7/6/2020	17:35:26	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	7/28/2020	IMG_0028.AVI	7/6/2020 19:39	7/6/2020	19:39:02	Mammal	Rattus sp.	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	7/28/2020	IMG_0029.AVI	7/6/2020 20:02	7/6/2020	20:02:16	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0030.AVI	7/6/2020 20:28	7/6/2020	20:28:54	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0031.AVI	7/6/2020 22:48	7/6/2020	22:48:32	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0032.AVI	7/7/2020 7:38	7/7/2020	7:38:48	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0033.AVI	7/7/2020 7:52	7/7/2020	7:52:48	Mammal	Unidentified squirrel or shrew	2	
WS_CT_03	7/28/2020	IMG_0034.AVI	7/7/2020 8:26	7/7/2020	8:26:54	Bird	Gallus gallus	3	
WS_CT_03	7/28/2020	IMG_0035.AVI	7/7/2020 13:36	7/7/2020	13:36:54	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0036.AVI	7/7/2020 13:37	7/7/2020	13:37:30	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0037.AVI	7/7/2020 13:37	7/7/2020	13:37:52	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0038.AVI	7/7/2020 13:43	7/7/2020	13:43:06	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0039.AVI	7/7/2020 13:44	7/7/2020	13:44:22	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0040.AVI	7/7/2020 13:45	7/7/2020	13:45:00	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0041.AVI	7/7/2020 13:45	7/7/2020	13:45:22	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0042.AVI	7/7/2020 13:45	7/7/2020	13:45:48	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0043.AVI	7/7/2020 15:42	7/7/2020	15:42:28	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0045.AVI	7/7/2020 19:42	7/7/2020	19:42:36	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0046.AVI	7/7/2020 19:50	7/7/2020	19:50:50	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0047.AVI	7/7/2020 22:25	7/7/2020	22:25:56	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0048.AVI	7/8/2020 5:54	7/8/2020	5:54:38	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0049.AVI	7/8/2020 6:01	7/8/2020	6:01:54	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0050.AVI	7/8/2020 11:13	7/8/2020	11:13:46	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0051.AVI	7/8/2020 14:31	7/8/2020	14:31:34	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0052.AVI	7/8/2020 14:36	7/8/2020	14:36:16	Bird	Copsychus malabaricus	1	
WS_CT_03	7/28/2020	IMG_0053.AVI	7/8/2020 16:17	7/8/2020	16:17:22	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0054.AVI	7/8/2020 16:35	7/8/2020	16:35:52	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	7/28/2020	IMG_0055.AVI	7/8/2020 16:36	7/8/2020	16:36:14	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	7/28/2020	IMG_0056.AVI	7/8/2020 20:27	7/8/2020	20:27:14	Mammal	Felis catus	1	
WS_CT_03	7/28/2020	IMG_0057.AVI	7/9/2020 2:06	7/9/2020	2:06:50	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0058.AVI	7/9/2020 6:45	7/9/2020	6:45:46	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0059.AVI	7/9/2020 7:15	7/9/2020	7:15:40	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0060.AVI	7/9/2020 7:29	7/9/2020	7:29:24	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0061.AVI	7/9/2020 9:20	7/9/2020	9:20:16	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0062.AVI	7/9/2020 9:20	7/9/2020	9:20:36	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0063.AVI	7/9/2020 9:21	7/9/2020	9:21:10	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0064.AVI	7/9/2020 9:21	7/9/2020	9:21:32	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0065.AVI	7/9/2020 9:22	7/9/2020	9:22:04	Bird	Gallus gallus	3	
WS_CT_03	7/28/2020	IMG_0066.AVI	7/9/2020 9:22	7/9/2020	9:22:54	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0067.AVI	7/9/2020 9:23	7/9/2020	9:23:28	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0068.AVI	7/9/2020 9:23	7/9/2020	9:23:56	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0069.AVI	7/9/2020 9:24	7/9/2020	9:24:16	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0070.AVI	7/9/2020 9:24	7/9/2020	9:24:50	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0071.AVI	7/9/2020 9:25	7/9/2020	9:25:30	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0072.AVI	7/9/2020 9:26	7/9/2020	9:26:00	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0073.AVI	7/9/2020 9:27	7/9/2020	9:27:28	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0074.AVI	7/9/2020 9:28	7/9/2020	9:28:12	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0075.AVI	7/9/2020 9:29	7/9/2020	9:29:12	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0076.AVI	7/9/2020 9:30	7/9/2020	9:30:06	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0077.AVI	7/9/2020 9:30	7/9/2020	9:30:30	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0078.AVI	7/9/2020 9:30	7/9/2020	9:30:58	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0079.AVI	7/9/2020 9:31	7/9/2020	9:31:42	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0080.AVI	7/9/2020 9:32	7/9/2020	9:32:06	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0081.AVI	7/9/2020 9:32	7/9/2020	9:32:38	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0082.AVI	7/9/2020 9:33	7/9/2020	9:33:04	Bird	Gallus gallus	3	
WS_CT_03	7/28/2020	IMG_0083.AVI	7/9/2020 9:33	7/9/2020	9:33:30	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0084.AVI	7/9/2020 9:33	7/9/2020	9:33:58	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0085.AVI	7/9/2020 9:34	7/9/2020	9:34:20	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0086.AVI	7/9/2020 9:35	7/9/2020	9:35:42	Bird	Gallus gallus	3	
WS_CT_03	7/28/2020	IMG_0087.AVI	7/9/2020 9:36	7/9/2020	9:36:18	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0088.AVI	7/9/2020 9:36	7/9/2020	9:36:40	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0089.AVI	7/9/2020 9:37	7/9/2020	9:37:28	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0090.AVI	7/9/2020 9:37	7/9/2020	9:37:58	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0091.AVI	7/9/2020 9:38	7/9/2020	9:38:46	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0092.AVI	7/9/2020 9:39	7/9/2020	9:39:12	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0093.AVI	7/9/2020 9:39	7/9/2020	9:39:34	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0094.AVI	7/9/2020 9:39	7/9/2020	9:39:56	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0095.AVI	7/9/2020 9:40	7/9/2020	9:40:20	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0096.AVI	7/9/2020 9:40	7/9/2020	9:40:46	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0097.AVI	7/9/2020 9:41	7/9/2020	9:41:12	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0098.AVI	7/9/2020 9:41	7/9/2020	9:41:38	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0099.AVI	7/9/2020 9:41	7/9/2020	9:41:58	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0100.AVI	7/9/2020 9:42	7/9/2020	9:42:22	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0101.AVI	7/9/2020 9:42	7/9/2020	9:42:50	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0102.AVI	7/9/2020 14:34	7/9/2020	14:34:22	NA	Unidentified sp.	1	
WS_CT_03	7/28/2020	IMG_0103.AVI	7/9/2020 15:09	7/9/2020	15:09:58	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0104.AVI	7/9/2020 15:11	7/9/2020	15:11:02	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0105.AVI	7/9/2020 15:29	7/9/2020	15:29:36	Mammal	Sus scrofa	3	
WS_CT_03	7/28/2020	IMG_0106.AVI	7/9/2020 15:29	7/9/2020	15:29:58	NA	Unidentified sp.	1	
WS_CT_03	7/28/2020	IMG_0107.AVI	7/9/2020 16:39	7/9/2020	16:39:48	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0108.AVI	7/9/2020 16:40	7/9/2020	16:40:20	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0109.AVI	7/9/2020 16:41	7/9/2020	16:41:12	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0110.AVI	7/9/2020 16:41	7/9/2020	16:41:44	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0111.AVI	7/9/2020 17:27	7/9/2020	17:27:02	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0112.AVI	7/9/2020 19:09	7/9/2020	19:09:22	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0113.AVI	7/9/2020 19:28	7/9/2020	19:28:34	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0114.AVI	7/9/2020 19:36	7/9/2020	19:36:12	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0115.AVI	7/9/2020 21:39	7/9/2020	21:39:22	Mammal	Rattus sp.	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	7/28/2020	IMG_0117.AVI	7/9/2020 23:42	7/9/2020	23:42:42	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0118.AVI	7/10/2020 0:08	7/10/2020	0:08:04	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0119.AVI	7/10/2020 0:12	7/10/2020	0:12:46	NA	Unidentified sp.	1	
WS_CT_03	7/28/2020	IMG_0120.AVI	7/10/2020 0:23	7/10/2020	0:23:38	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0121.AVI	7/10/2020 5:19	7/10/2020	5:19:34	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0122.AVI	7/10/2020 6:26	7/10/2020	6:26:14	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0123.AVI	7/10/2020 6:44	7/10/2020	6:44:02	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0124.AVI	7/10/2020 7:29	7/10/2020	7:29:18	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0125.AVI	7/10/2020 7:30	7/10/2020	7:30:58	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0126.AVI	7/10/2020 8:10	7/10/2020	8:10:30	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0127.AVI	7/10/2020 8:10	7/10/2020	8:10:52	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0128.AVI	7/10/2020 8:11	7/10/2020	8:11:14	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0129.AVI	7/10/2020 8:11	7/10/2020	8:11:36	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0130.AVI	7/10/2020 8:12	7/10/2020	8:12:08	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0131.AVI	7/10/2020 8:30	7/10/2020	8:30:34	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0132.AVI	7/10/2020 8:31	7/10/2020	8:31:06	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0133.AVI	7/10/2020 8:31	7/10/2020	8:31:28	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0134.AVI	7/10/2020 8:37	7/10/2020	8:37:48	Bird	Chalcophaps indica	1	
WS_CT_03	7/28/2020	IMG_0135.AVI	7/10/2020 9:50	7/10/2020	9:50:58	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0136.AVI	7/10/2020 9:51	7/10/2020	9:51:18	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0137.AVI	7/10/2020 9:51	7/10/2020	9:51:56	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0138.AVI	7/10/2020 15:18	7/10/2020	15:18:24	Mammal	Sus scrofa	2	
WS_CT_03	7/28/2020	IMG_0139.AVI	7/10/2020 16:51	7/10/2020	16:51:02	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0141.AVI	7/10/2020 17:33	7/10/2020	17:33:56	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0142.AVI	7/10/2020 17:43	7/10/2020	17:43:58	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0143.AVI	7/10/2020 17:55	7/10/2020	17:55:16	Mammal	Tupaia glis	2	
WS_CT_03	7/28/2020	IMG_0144.AVI	7/10/2020 17:56	7/10/2020	17:56:06	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0145.AVI	7/10/2020 18:00	7/10/2020	18:00:20	Mammal	Unidentified squirrel or shrew	2	
WS_CT_03	7/28/2020	IMG_0146.AVI	7/10/2020 18:01	7/10/2020	18:01:00	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0147.AVI	7/10/2020 18:38	7/10/2020	18:38:54	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0148.AVI	7/10/2020 18:39	7/10/2020	18:39:16	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0149.AVI	7/10/2020 18:41	7/10/2020	18:41:56	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0150.AVI	7/10/2020 19:08	7/10/2020	19:08:06	Mammal	Sus scrofa	3	
WS_CT_03	7/28/2020	IMG_0151.AVI	7/11/2020 1:16	7/11/2020	1:16:20	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0152.AVI	7/11/2020 2:14	7/11/2020	2:14:18	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0153.AVI	7/11/2020 6:44	7/11/2020	6:44:38	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0154.AVI	7/11/2020 8:03	7/11/2020	8:03:32	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0155.AVI	7/11/2020 8:09	7/11/2020	8:09:38	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0156.AVI	7/11/2020 8:14	7/11/2020	8:14:56	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0157.AVI	7/11/2020 8:44	7/11/2020	8:44:38	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0158.AVI	7/11/2020 10:35	7/11/2020	10:35:52	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0159.AVI	7/11/2020 10:36	7/11/2020	10:36:24	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0160.AVI	7/11/2020 10:36	7/11/2020	10:36:46	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0161.AVI	7/11/2020 10:37	7/11/2020	10:37:12	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0162.AVI	7/11/2020 10:37	7/11/2020	10:37:32	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0163.AVI	7/11/2020 10:38	7/11/2020	10:38:02	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0164.AVI	7/11/2020 10:38	7/11/2020	10:38:28	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0165.AVI	7/11/2020 10:38	7/11/2020	10:38:52	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0166.AVI	7/11/2020 10:39	7/11/2020	10:39:22	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0167.AVI	7/11/2020 10:39	7/11/2020	10:39:46	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0168.AVI	7/11/2020 10:45	7/11/2020	10:45:44	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0169.AVI	7/11/2020 10:46	7/11/2020	10:46:12	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0170.AVI	7/11/2020 10:46	7/11/2020	10:46:58	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0171.AVI	7/11/2020 10:47	7/11/2020	10:47:42	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0172.AVI	7/11/2020 10:48	7/11/2020	10:48:06	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0173.AVI	7/11/2020 10:48	7/11/2020	10:48:30	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0174.AVI	7/11/2020 10:49	7/11/2020	10:49:12	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0175.AVI	7/11/2020 10:50	7/11/2020	10:50:18	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0176.AVI	7/11/2020 10:50	7/11/2020	10:50:54	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0177.AVI	7/11/2020 10:51	7/11/2020	10:51:14	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0178.AVI	7/11/2020 10:59	7/11/2020	10:59:06	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0179.AVI	7/11/2020 11:28	7/11/2020	11:28:22	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0180.AVI	7/11/2020 11:28	7/11/2020	11:28:44	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0181.AVI	7/11/2020 17:01	7/11/2020	17:01:04	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0182.AVI	7/11/2020 17:51	7/11/2020	17:51:32	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0183.AVI	7/11/2020 17:52	7/11/2020	17:52:54	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0184.AVI	7/11/2020 20:27	7/11/2020	20:27:14	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0185.AVI	7/11/2020 23:08	7/11/2020	23:08:50	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0186.AVI	7/11/2020 23:09	7/11/2020	23:09:52	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0187.AVI	7/11/2020 23:36	7/11/2020	23:36:36	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0188.AVI	7/12/2020 0:08	7/12/2020	0:08:00	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0189.AVI	7/12/2020 0:13	7/12/2020	0:13:32	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0190.AVI	7/12/2020 6:32	7/12/2020	6:32:06	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0191.AVI	7/12/2020 6:34	7/12/2020	6:34:02	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0192.AVI	7/12/2020 6:48	7/12/2020	6:48:00	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0193.AVI	7/12/2020 6:49	7/12/2020	6:49:20	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0194.AVI	7/12/2020 6:51	7/12/2020	6:51:02	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0195.AVI	7/12/2020 6:55	7/12/2020	6:55:18	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0196.AVI	7/12/2020 6:58	7/12/2020	6:58:08	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0197.AVI	7/12/2020 7:46	7/12/2020	7:46:52	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0198.AVI	7/12/2020 7:47	7/12/2020	7:47:34	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0199.AVI	7/12/2020 10:14	7/12/2020	10:14:02	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0200.AVI	7/12/2020 10:14	7/12/2020	10:14:24	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0201.AVI	7/12/2020 10:15	7/12/2020	10:15:00	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0202.AVI	7/12/2020 10:15	7/12/2020	10:15:36	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0203.AVI	7/12/2020 10:15	7/12/2020	10:15:58	Bird	Gallus gallus	2	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	7/28/2020	IMG_0204.AVI	7/12/2020 10:16	7/12/2020	10:16:24	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0205.AVI	7/12/2020 10:17	7/12/2020	10:17:28	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0206.AVI	7/12/2020 10:18	7/12/2020	10:18:00	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0207.AVI	7/12/2020 10:18	7/12/2020	10:18:34	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0208.AVI	7/12/2020 10:19	7/12/2020	10:19:06	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0209.AVI	7/12/2020 10:19	7/12/2020	10:19:34	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0210.AVI	7/12/2020 10:20	7/12/2020	10:20:06	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0211.AVI	7/12/2020 10:44	7/12/2020	10:44:54	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0212.AVI	7/12/2020 10:45	7/12/2020	10:45:20	Bird	Gallus gallus	3	
WS_CT_03	7/28/2020	IMG_0213.AVI	7/12/2020 13:46	7/12/2020	13:46:58	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0214.AVI	7/12/2020 13:58	7/12/2020	13:58:00	Mammal	Macaca fascicularis	2	
WS_CT_03	7/28/2020	IMG_0215.AVI	7/12/2020 14:01	7/12/2020	14:01:24	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0216.AVI	7/12/2020 14:06	7/12/2020	14:06:12	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0217.AVI	7/12/2020 14:25	7/12/2020	14:25:50	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0218.AVI	7/12/2020 15:45	7/12/2020	15:45:20	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0219.AVI	7/12/2020 15:58	7/12/2020	15:58:02	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0220.AVI	7/12/2020 20:43	7/12/2020	20:43:00	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0221.AVI	7/12/2020 21:50	7/12/2020	21:50:42	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0222.AVI	7/13/2020 5:03	7/13/2020	5:03:02	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0223.AVI	7/13/2020 5:25	7/13/2020	5:25:58	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0224.AVI	7/13/2020 7:25	7/13/2020	7:25:42	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0225.AVI	7/13/2020 8:37	7/13/2020	8:37:44	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0226.AVI	7/13/2020 9:03	7/13/2020	9:03:48	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0227.AVI	7/13/2020 17:22	7/13/2020	17:22:56	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0228.AVI	7/13/2020 17:23	7/13/2020	17:23:38	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0229.AVI	7/13/2020 17:24	7/13/2020	17:24:00	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0230.AVI	7/13/2020 20:06	7/13/2020	20:06:18	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0231.AVI	7/14/2020 0:58	7/14/2020	0:58:48	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0232.AVI	7/14/2020 1:01	7/14/2020	1:01:26	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0233.AVI	7/14/2020 1:01	7/14/2020	1:01:54	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0234.AVI	7/14/2020 1:02	7/14/2020	1:02:32	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0235.AVI	7/14/2020 1:06	7/14/2020	1:06:08	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0238.AVI	7/14/2020 6:36	7/14/2020	6:36:00	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0239.AVI	7/14/2020 7:48	7/14/2020	7:48:58	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0240.AVI	7/14/2020 7:49	7/14/2020	7:49:20	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0241.AVI	7/14/2020 8:09	7/14/2020	8:09:56	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0242.AVI	7/14/2020 8:11	7/14/2020	8:11:04	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0243.AVI	7/14/2020 8:11	7/14/2020	8:11:26	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0244.AVI	7/14/2020 8:11	7/14/2020	8:11:52	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0245.AVI	7/14/2020 8:12	7/14/2020	8:12:34	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0246.AVI	7/14/2020 8:13	7/14/2020	8:13:02	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0247.AVI	7/14/2020 8:18	7/14/2020	8:18:50	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0248.AVI	7/14/2020 8:19	7/14/2020	8:19:12	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0249.AVI	7/14/2020 8:19	7/14/2020	8:19:34	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0250.AVI	7/14/2020 8:20	7/14/2020	8:20:14	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0251.AVI	7/14/2020 8:20	7/14/2020	8:20:42	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0252.AVI	7/14/2020 8:21	7/14/2020	8:21:04	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0253.AVI	7/14/2020 8:23	7/14/2020	8:23:40	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0254.AVI	7/14/2020 13:31	7/14/2020	13:31:16	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0255.AVI	7/14/2020 13:31	7/14/2020	13:31:36	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	7/28/2020	IMG_0256.AVI	7/14/2020 19:00	7/14/2020	19:00:14	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0257.AVI	7/15/2020 6:29	7/15/2020	6:29:06	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0258.AVI	7/15/2020 6:30	7/15/2020	6:30:10	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0259.AVI	7/15/2020 6:39	7/15/2020	6:39:14	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0260.AVI	7/15/2020 6:41	7/15/2020	6:41:20	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0261.AVI	7/15/2020 6:43	7/15/2020	6:43:08	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0262.AVI	7/15/2020 6:44	7/15/2020	6:44:32	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0263.AVI	7/15/2020 6:44	7/15/2020	6:44:56	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0265.AVI	7/15/2020 7:01	7/15/2020	7:01:04	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0266.AVI	7/15/2020 7:31	7/15/2020	7:31:10	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0267.AVI	7/15/2020 7:39	7/15/2020	7:39:30	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0268.AVI	7/15/2020 7:40	7/15/2020	7:40:06	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0269.AVI	7/15/2020 7:40	7/15/2020	7:40:42	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0271.AVI	7/15/2020 14:02	7/15/2020	14:02:58	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0272.AVI	7/15/2020 14:03	7/15/2020	14:03:24	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0275.AVI	7/15/2020 21:22	7/15/2020	21:22:26	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0276.AVI	7/15/2020 21:54	7/15/2020	21:54:26	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0277.AVI	7/15/2020 23:50	7/15/2020	23:50:52	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0279.AVI	7/16/2020 0:33	7/16/2020	0:33:32	NA	Unidentified sp.	1	
WS_CT_03	7/28/2020	IMG_0280.AVI	7/16/2020 0:44	7/16/2020	0:44:06	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0281.AVI	7/16/2020 1:06	7/16/2020	1:06:06	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0282.AVI	7/16/2020 1:19	7/16/2020	1:19:08	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0283.AVI	7/16/2020 1:19	7/16/2020	1:19:32	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0284.AVI	7/16/2020 4:43	7/16/2020	4:43:38	Mammal	Felis catus	1	
WS_CT_03	7/28/2020	IMG_0285.AVI	7/16/2020 4:45	7/16/2020	4:45:14	Mammal	Felis catus	1	
WS_CT_03	7/28/2020	IMG_0286.AVI	7/16/2020 4:48	7/16/2020	4:48:28	Mammal	Felis catus	1	
WS_CT_03	7/28/2020	IMG_0287.AVI	7/16/2020 23:27	7/16/2020	23:27:02	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0288.AVI	7/17/2020 0:06	7/17/2020	0:06:58	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0289.AVI	7/17/2020 0:08	7/17/2020	0:08:20	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0290.AVI	7/17/2020 0:10	7/17/2020	0:10:50	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0291.AVI	7/17/2020 0:11	7/17/2020	0:11:12	Mammal	Rattus sp.	2	
WS_CT_03	7/28/2020	IMG_0292.AVI	7/17/2020 0:20	7/17/2020	0:20:48	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0293.AVI	7/17/2020 2:42	7/17/2020	2:42:28	Mammal	Manis javanica	1	
WS_CT_03	7/28/2020	IMG_0294.AVI	7/17/2020 7:30	7/17/2020	7:30:58	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0295.AVI	7/17/2020 7:31	7/17/2020	7:31:18	Bird	Gallus gallus	3	
WS_CT_03	7/28/2020	IMG_0296.AVI	7/17/2020 7:31	7/17/2020	7:31:46	Bird	Gallus gallus	3	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	7/28/2020	IMG_0297.AVI	7/17/2020 7:32	7/17/2020	7:32:12	Bird	Gallus gallus	3	
WS_CT_03	7/28/2020	IMG_0298.AVI	7/17/2020 7:34	7/17/2020	7:34:08	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0299.AVI	7/17/2020 8:55	7/17/2020	8:55:20	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0300.AVI	7/17/2020 8:55	7/17/2020	8:55:58	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0301.AVI	7/17/2020 10:48	7/17/2020	10:48:52	Mammal	Sus scrofa	4	2 piglets
WS_CT_03	7/28/2020	IMG_0302.AVI	7/17/2020 10:49	7/17/2020	10:49:14	Mammal	Sus scrofa	4	2 piglets
WS_CT_03	7/28/2020	IMG_0303.AVI	7/17/2020 12:05	7/17/2020	12:05:50	Reptile	Varanus nebulosus	1	
WS_CT_03	7/28/2020	IMG_0304.AVI	7/17/2020 12:06	7/17/2020	12:06:26	Reptile	Varanus nebulosus	1	
WS_CT_03	7/28/2020	IMG_0305.AVI	7/17/2020 12:06	7/17/2020	12:06:50	Reptile	Varanus nebulosus	1	
WS_CT_03	7/28/2020	IMG_0306.AVI	7/17/2020 12:31	7/17/2020	12:31:42	Reptile	Varanus nebulosus	1	
WS_CT_03	7/28/2020	IMG_0307.AVI	7/17/2020 12:39	7/17/2020	12:39:00	Reptile	Varanus nebulosus	1	
WS_CT_03	7/28/2020	IMG_0308.AVI	7/17/2020 14:23	7/17/2020	14:23:48	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0309.AVI	7/17/2020 15:32	7/17/2020	15:32:20	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0310.AVI	7/17/2020 15:32	7/17/2020	15:32:44	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0311.AVI	7/17/2020 15:33	7/17/2020	15:33:06	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0312.AVI	7/17/2020 15:33	7/17/2020	15:33:34	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0313.AVI	7/17/2020 15:35	7/17/2020	15:35:20	Mammal	Macaca fascicularis	1	Interaction with Camera
WS_CT_03	7/28/2020	IMG_0314.AVI	7/17/2020 15:36	7/17/2020	15:36:04	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0315.AVI	7/17/2020 15:36	7/17/2020	15:36:26	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0316.AVI	7/17/2020 15:37	7/17/2020	15:37:32	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0317.AVI	7/17/2020 15:40	7/17/2020	15:40:52	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0318.AVI	7/17/2020 15:41	7/17/2020	15:41:18	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0319.AVI	7/17/2020 15:44	7/17/2020	15:44:24	Mammal	Macaca fascicularis	1	Teeth Baring
WS_CT_03	7/28/2020	IMG_0320.AVI	7/17/2020 15:44	7/17/2020	15:44:46	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0321.AVI	7/17/2020 15:45	7/17/2020	15:45:24	Mammal	Macaca fascicularis	1	
WS_CT_03	7/28/2020	IMG_0322.AVI	7/17/2020 15:46	7/17/2020	15:46:02	Mammal	Macaca fascicularis	3	Mother with Infant
WS_CT_03	7/28/2020	IMG_0323.AVI	7/17/2020 15:46	7/17/2020	15:46:50	Mammal	Macaca fascicularis	3	
WS_CT_03	7/28/2020	IMG_0324.AVI	7/17/2020 15:47	7/17/2020	15:47:16	Mammal	Macaca fascicularis	2	
WS_CT_03	7/28/2020	IMG_0325.AVI	7/17/2020 15:48	7/17/2020	15:48:00	Mammal	Macaca fascicularis	8	
WS_CT_03	7/28/2020	IMG_0327.AVI	7/17/2020 15:49	7/17/2020	15:49:24	Mammal	Macaca fascicularis	4	
WS_CT_03	7/28/2020	IMG_0328.AVI	7/17/2020 15:50	7/17/2020	15:50:24	Mammal	Macaca fascicularis	2	
WS_CT_03	7/28/2020	IMG_0329.AVI	7/17/2020 22:13	7/17/2020	22:13:22	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0330.AVI	7/18/2020 1:05	7/18/2020	1:05:58	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0331.AVI	7/18/2020 6:08	7/18/2020	6:08:34	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0332.AVI	7/18/2020 12:58	7/18/2020	12:58:52	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0333.AVI	7/18/2020 12:59	7/18/2020	12:59:14	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0334.AVI	7/18/2020 12:59	7/18/2020	12:59:36	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0335.AVI	7/18/2020 13:00	7/18/2020	13:00:36	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0336.AVI	7/18/2020 16:22	7/18/2020	16:22:22	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0337.AVI	7/18/2020 16:35	7/18/2020	16:35:00	Mammal	Sus scrofa	2	
WS_CT_03	7/28/2020	IMG_0338.AVI	7/18/2020 19:09	7/18/2020	19:09:28	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0339.AVI	7/18/2020 19:10	7/18/2020	19:10:40	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0340.AVI	7/18/2020 21:37	7/18/2020	21:37:20	Mammal	Rattus sp.	1	
WS_CT_03	7/28/2020	IMG_0341.AVI	7/19/2020 8:07	7/19/2020	8:07:36	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	7/28/2020	IMG_0342.AVI	7/19/2020 8:07	7/19/2020	8:07:58	Mammal	Sus scrofa	3	3 piglets
WS_CT_03	7/28/2020	IMG_0343.AVI	7/19/2020 8:08	7/19/2020	8:08:20	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0345.AVI	7/19/2020 9:25	7/19/2020	9:25:14	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0346.AVI	7/19/2020 9:25	7/19/2020	9:25:36	Bird	Gallus gallus	2	
WS_CT_03	7/28/2020	IMG_0347.AVI	7/19/2020 9:26	7/19/2020	9:26:04	Bird	Gallus gallus	3	
WS_CT_03	7/28/2020	IMG_0348.AVI	7/19/2020 12:10	7/19/2020	12:10:06	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0349.AVI	7/19/2020 12:10	7/19/2020	12:10:28	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0032.AVI	8/26/2020 22:27	8/26/2020	22:27:15	Bird	Gallus gallus	1	
WS_CT_03	7/28/2020	IMG_0032.AVI	8/26/2020 22:28	8/26/2020	22:28:00	NA	Unidentified sp.	1	
WS_CT_03	7/28/2020	IMG_0072.AVI	8/30/2020 23:04	8/30/2020	23:04:21	Bird	Gallus gallus	4	
WS_CT_03	7/28/2020	IMG_0074.AVI	8/30/2020 23:05	8/30/2020	23:05:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0079.AVI	8/30/2020 23:06	8/30/2020	23:06:52	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0080.AVI	8/30/2020 23:07	8/30/2020	23:07:27	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0081.AVI	8/30/2020 23:07	8/30/2020	23:07:46	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0083.AVI	8/30/2020 23:09	8/30/2020	23:09:05	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0085.AVI	8/30/2020 23:09	8/30/2020	23:09:42	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0087.AVI	8/30/2020 23:10	8/30/2020	23:10:34	Mammal	Unidentified squirrel or shrew	2	
WS_CT_03	7/28/2020	IMG_0088.AVI	8/30/2020 23:10	8/30/2020	23:10:59	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0089.AVI	8/30/2020 23:11	8/30/2020	23:11:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0090.AVI	8/30/2020 23:12	8/30/2020	23:12:01	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0098.AVI	8/30/2020 23:13	8/30/2020	23:13:53	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0127.AVI	8/31/2020 12:12	8/31/2020	12:12:27	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0128.AVI	8/31/2020 12:12	8/31/2020	12:12:36	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0129.AVI	8/31/2020 12:13	8/31/2020	12:13:33	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0130.AVI	8/31/2020 12:13	8/31/2020	12:13:33	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0130.AVI	8/31/2020 12:13	8/31/2020	12:13:58	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0140.AVI	8/31/2020 12:16	8/31/2020	12:16:05	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0140.AVI	8/31/2020 12:16	8/31/2020	12:16:12	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0144.AVI	8/31/2020 12:17	8/31/2020	12:17:32	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0148.AVI	8/31/2020 12:19	8/31/2020	12:19:34	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0149.AVI	8/31/2020 12:20	8/31/2020	12:20:08	NA	Unidentified sp.	1	
WS_CT_03	7/28/2020	IMG_0168.AVI	8/31/2020 12:34	8/31/2020	12:34:01	Mammal	Tupaia glis	2	
WS_CT_03	7/28/2020	IMG_0169.AVI	8/31/2020 12:34	8/31/2020	12:34:37	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0170.AVI	8/31/2020 12:34	8/31/2020	12:34:59	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0171.AVI	8/31/2020 12:35	8/31/2020	12:35:29	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0172.AVI	8/31/2020 12:35	8/31/2020	12:35:51	Mammal	Tupaia glis	1	
WS_CT_03	7/28/2020	IMG_0197.AVI	8/31/2020 12:45	8/31/2020	12:45:15	Mammal	Sus scrofa	1	
WS_CT_03	7/28/2020	IMG_0270.AVI	8/31/2020 13:13	8/31/2020	13:13:50	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0270.AVI	8/31/2020 13:13	8/31/2020	13:13:55	Mammal	Callosciurus notatus	1	
WS_CT_03	7/28/2020	IMG_0271.AVI	8/31/2020 13:14	8/31/2020	13:14:22	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	7/28/2020	IMG_0326.AVI	8/31/2020 13:29	8/31/2020	13:29:04	Mammal	Macaca fascicularis	3	
WS_CT_03	7/28/2020	IMG_0348.AVI	8/31/2020 13:37	8/31/2020	13:37:38	Mammal	Callosciurus notatus	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	8/7/2020	IMG_0003.AVI	7/28/2020 11:43	7/28/2020	11:43:08	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0004.AVI	7/28/2020 12:19	7/28/2020	12:19:00	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0005.AVI	7/28/2020 12:19	7/28/2020	12:19:36	Mammal	Sus scrofa	4	3 piglets
WS_CT_03	8/7/2020	IMG_0006.AVI	7/28/2020 12:20	7/28/2020	12:20:00	Mammal	Sus scrofa	4	3 piglets
WS_CT_03	8/7/2020	IMG_0007.AVI	7/28/2020 12:20	7/28/2020	12:20:22	Mammal	Sus scrofa	4	3 piglets
WS_CT_03	8/7/2020	IMG_0008.AVI	7/28/2020 14:29	7/28/2020	14:29:56	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0009.AVI	7/28/2020 15:09	7/28/2020	15:09:08	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0010.AVI	7/28/2020 16:36	7/28/2020	16:36:18	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0011.AVI	7/28/2020 19:39	7/28/2020	19:39:10	NA	Unidentified sp.	1	
WS_CT_03	8/7/2020	IMG_0012.AVI	7/29/2020 1:47	7/29/2020	1:47:36	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0013.AVI	7/29/2020 1:55	7/29/2020	1:55:16	Mammal	Rattus sp.	1	
WS_CT_03	8/7/2020	IMG_0014.AVI	7/29/2020 9:10	7/29/2020	9:10:14	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0015.AVI	7/29/2020 9:10	7/29/2020	9:10:38	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0016.AVI	7/29/2020 9:16	7/29/2020	9:16:54	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0017.AVI	7/29/2020 9:17	7/29/2020	9:17:20	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0018.AVI	7/29/2020 9:17	7/29/2020	9:17:58	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0020.AVI	7/29/2020 19:25	7/29/2020	19:25:02	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0021.AVI	7/29/2020 19:30	7/29/2020	19:30:18	Mammal	Rattus sp.	1	
WS_CT_03	8/7/2020	IMG_0022.AVI	7/30/2020 3:20	7/30/2020	3:20:20	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0023.AVI	7/30/2020 8:22	7/30/2020	8:22:54	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0024.AVI	7/30/2020 8:23	7/30/2020	8:23:40	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0025.AVI	7/30/2020 8:24	7/30/2020	8:24:06	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0026.AVI	7/30/2020 13:27	7/30/2020	13:27:02	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0027.AVI	7/30/2020 13:30	7/30/2020	13:30:24	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0028.AVI	7/30/2020 14:20	7/30/2020	14:20:42	Mammal	Macaca fascicularis	2	
WS_CT_03	8/7/2020	IMG_0029.AVI	7/30/2020 14:21	7/30/2020	14:21:04	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0030.AVI	7/30/2020 14:21	7/30/2020	14:21:26	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0031.AVI	7/30/2020 14:22	7/30/2020	14:22:40	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0032.AVI	7/30/2020 14:23	7/30/2020	14:23:06	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0033.AVI	7/30/2020 14:48	7/30/2020	14:48:58	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0034.AVI	7/30/2020 14:53	7/30/2020	14:53:02	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0035.AVI	7/30/2020 14:53	7/30/2020	14:53:58	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0036.AVI	7/30/2020 15:14	7/30/2020	15:14:24	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0037.AVI	7/30/2020 15:19	7/30/2020	15:19:42	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0038.AVI	7/30/2020 15:28	7/30/2020	15:28:16	Mammal	Callosciurus notatus	1	
WS_CT_03	8/7/2020	IMG_0039.AVI	7/30/2020 16:03	7/30/2020	16:03:16	Mammal	Macaca fascicularis	1	
WS_CT_03	8/7/2020	IMG_0040.AVI	7/30/2020 16:18	7/30/2020	16:18:40	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0041.AVI	7/30/2020 17:19	7/30/2020	17:19:06	Mammal	Sus scrofa	2	1 piglet
WS_CT_03	8/7/2020	IMG_0042.AVI	7/30/2020 17:19	7/30/2020	17:19:28	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0043.AVI	7/31/2020 1:43	7/31/2020	1:43:00	Mammal	Rattus sp.	1	
WS_CT_03	8/7/2020	IMG_0044.AVI	7/31/2020 7:55	7/31/2020	7:55:04	Bird	Rallina fasciata	2	
WS_CT_03	8/7/2020	IMG_0045.AVI	7/31/2020 11:39	7/31/2020	11:39:48	Bird	Gallus gallus	2	
WS_CT_03	8/7/2020	IMG_0046.AVI	7/31/2020 11:40	7/31/2020	11:40:14	Bird	Gallus gallus	2	
WS_CT_03	8/7/2020	IMG_0047.AVI	7/31/2020 11:40	7/31/2020	11:40:42	Bird	Gallus gallus	2	
WS_CT_03	8/7/2020	IMG_0048.AVI	7/31/2020 11:41	7/31/2020	11:41:06	Bird	Gallus gallus	3	
WS_CT_03	8/7/2020	IMG_0049.AVI	7/31/2020 11:41	7/31/2020	11:41:48	Mammal	Unidentified squirrel or shrew	1	
WS_CT_03	8/7/2020	IMG_0050.AVI	7/31/2020 17:03	7/31/2020	17:03:38	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	8/7/2020	IMG_0051.AVI	7/31/2020 17:04	7/31/2020	17:04:00	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0052.AVI	7/31/2020 23:41	7/31/2020	23:41:52	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0053.AVI	8/1/2020 8:14	8/1/2020	8:14:32	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0054.AVI	8/1/2020 8:33	8/1/2020	8:33:02	Mammal	Sus scrofa	4	2 piglets
WS_CT_03	8/7/2020	IMG_0055.AVI	8/1/2020 20:40	8/1/2020	20:40:54	Mammal	Rattus sp.	1	
WS_CT_03	8/7/2020	IMG_0056.AVI	8/1/2020 20:42	8/1/2020	20:42:10	Mammal	Rattus sp.	1	
WS_CT_03	8/7/2020	IMG_0057.AVI	8/1/2020 21:04	8/1/2020	21:04:10	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0058.AVI	8/1/2020 22:31	8/1/2020	22:31:32	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0059.AVI	8/2/2020 12:06	8/2/2020	12:06:34	Mammal	Sus scrofa	2	2 piglets
WS_CT_03	8/7/2020	IMG_0060.AVI	8/2/2020 16:19	8/2/2020	16:19:06	Reptile	Varanus sp.	1	
WS_CT_03	8/7/2020	IMG_0061.AVI	8/2/2020 18:26	8/2/2020	18:26:14	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0062.AVI	8/2/2020 18:26	8/2/2020	18:26:36	Mammal	Sus scrofa	3	3 piglets
WS_CT_03	8/7/2020	IMG_0063.AVI	8/2/2020 20:31	8/2/2020	20:31:52	Mammal	Sus scrofa	1	Feeding on fruit
WS_CT_03	8/7/2020	IMG_0064.AVI	8/2/2020 20:32	8/2/2020	20:32:46	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0065.AVI	8/2/2020 20:33	8/2/2020	20:33:30	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0066.AVI	8/2/2020 20:34	8/2/2020	20:34:08	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0067.AVI	8/2/2020 20:34	8/2/2020	20:34:28	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0068.AVI	8/2/2020 20:34	8/2/2020	20:34:50	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0069.AVI	8/2/2020 20:35	8/2/2020	20:35:14	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0070.AVI	8/2/2020 22:28	8/2/2020	22:28:48	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0071.AVI	8/2/2020 22:45	8/2/2020	22:45:00	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0072.AVI	8/2/2020 22:45	8/2/2020	22:45:26	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0073.AVI	8/2/2020 23:47	8/2/2020	23:47:38	Mammal	Rattus sp.	1	
WS_CT_03	8/7/2020	IMG_0075.AVI	8/3/2020 20:07	8/3/2020	20:07:52	Mammal	Rattus sp.	1	
WS_CT_03	8/7/2020	IMG_0076.AVI	8/4/2020 1:38	8/4/2020	1:38:14	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0077.AVI	8/4/2020 6:30	8/4/2020	6:30:46	NA	Unidentified sp.	1	
WS_CT_03	8/7/2020	IMG_0078.AVI	8/4/2020 8:33	8/4/2020	8:33:12	Bird	Gallus gallus	2	
WS_CT_03	8/7/2020	IMG_0079.AVI	8/4/2020 8:37	8/4/2020	8:37:20	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0080.AVI	8/4/2020 8:37	8/4/2020	8:37:58	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0081.AVI	8/4/2020 8:38	8/4/2020	8:38:36	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0082.AVI	8/4/2020 8:38	8/4/2020	8:38:58	Bird	Gallus gallus	2	
WS_CT_03	8/7/2020	IMG_0083.AVI	8/4/2020 16:22	8/4/2020	16:22:00	Mammal	Sus scrofa	4	4 piglets
WS_CT_03	8/7/2020	IMG_0085.AVI	8/5/2020 4:18	8/5/2020	4:18:14	Mammal	Rattus sp.	1	
WS_CT_03	8/7/2020	IMG_0086.AVI	8/5/2020 20:22	8/5/2020	20:22:58	Mammal	Sus scrofa	4	
WS_CT_03	8/7/2020	IMG_0087.AVI	8/5/2020 20:23	8/5/2020	20:23:20	Mammal	Sus scrofa	2	
WS_CT_03	8/7/2020	IMG_0088.AVI	8/5/2020 20:23	8/5/2020	20:23:48	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0089.AVI	8/5/2020 21:53	8/5/2020	21:53:12	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0090.AVI	8/5/2020 22:36	8/5/2020	22:36:36	Mammal	Sus scrofa	3	
WS_CT_03	8/7/2020	IMG_0091.AVI	8/5/2020 22:44	8/5/2020	22:44:56	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_03	8/7/2020	IMG_0092.AVI	8/5/2020 22:45	8/5/2020	22:45:16	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0093.AVI	8/6/2020 8:01	8/6/2020	8:01:06	Bird	Chalcophaps indica	1	
WS_CT_03	8/7/2020	IMG_0094.AVI	8/6/2020 8:03	8/6/2020	8:03:34	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0095.AVI	8/6/2020 8:04	8/6/2020	8:04:06	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0096.AVI	8/6/2020 10:48	8/6/2020	10:48:06	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0099.AVI	8/6/2020 17:54	8/6/2020	17:54:32	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0100.AVI	8/6/2020 19:38	8/6/2020	19:38:36	Mammal	Sus scrofa	1	
WS_CT_03	8/7/2020	IMG_0101.AVI	8/6/2020 21:19	8/6/2020	21:19:46	NA	Unidentified sp.	1	
WS_CT_03	8/7/2020	IMG_0102.AVI	8/7/2020 7:59	8/7/2020	7:59:34	Bird	Gallus gallus	3	
WS_CT_03	8/7/2020	IMG_0103.AVI	8/7/2020 7:59	8/7/2020	7:59:56	Bird	Gallus gallus	1	
WS_CT_03	8/7/2020	IMG_0104.AVI	8/7/2020 8:10	8/7/2020	8:10:56	Bird	Gallus gallus	3	
WS_CT_03	8/7/2020	IMG_0105.AVI	8/7/2020 9:49	8/7/2020	9:49:24	Mammal	Sus scrofa	3	3 piglets
WS_CT_03	8/7/2020	IMG_0106.AVI	8/7/2020 9:49	8/7/2020	9:49:44	Mammal	Sus scrofa	1	1 piglet
WS_CT_03	8/7/2020	IMG_0049.AVI	9/3/2020 9:30	9/3/2020	9:30:25	Bird	Gallus gallus	2	
WS_CT_03	8/7/2020	IMG_0093.AVI	9/3/2020 10:15	9/3/2020	10:15:11	Bird	Gallus gallus	1	
WS_CT_04	6/3/2020	IMG_0006.AVI	4/6/2020 18:39	4/6/2020	18:39:30	Mammal	Macaca fascicularis	3	
WS_CT_04	6/3/2020	IMG_0007.AVI	4/6/2020 18:40	4/6/2020	18:40:16	Mammal	Macaca fascicularis	3	
WS_CT_04	6/3/2020	IMG_0008.AVI	4/6/2020 18:41	4/6/2020	18:41:32	Mammal	Macaca fascicularis	2	
WS_CT_04	6/3/2020	IMG_0009.AVI	4/6/2020 18:42	4/6/2020	18:42:12	Mammal	Macaca fascicularis	3	
WS_CT_04	6/3/2020	IMG_0010.AVI	4/6/2020 18:42	4/6/2020	18:42:40	Mammal	Macaca fascicularis	5	
WS_CT_04	6/3/2020	IMG_0011.AVI	4/6/2020 18:44	4/6/2020	18:44:46	Mammal	Macaca fascicularis	2	
WS_CT_04	6/3/2020	IMG_0012.AVI	4/6/2020 18:45	4/6/2020	18:45:16	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0013.AVI	4/6/2020 18:45	4/6/2020	18:45:52	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0014.AVI	4/6/2020 18:56	4/6/2020	18:56:42	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0015.AVI	4/6/2020 23:39	4/6/2020	23:39:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0016.AVI	4/6/2020 23:40	4/6/2020	23:40:02	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0017.AVI	4/6/2020 23:40	4/6/2020	23:40:24	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0018.AVI	4/6/2020 23:40	4/6/2020	23:40:46	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0019.AVI	4/6/2020 23:41	4/6/2020	23:41:06	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0020.AVI	4/7/2020 6:22	4/7/2020	6:22:52	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0021.AVI	4/7/2020 6:23	4/7/2020	6:23:22	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0022.AVI	4/7/2020 6:23	4/7/2020	6:23:44	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0024.AVI	4/7/2020 6:26	4/7/2020	6:26:46	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0025.AVI	4/7/2020 8:49	4/7/2020	8:49:14	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0026.AVI	4/7/2020 8:49	4/7/2020	8:49:34	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0027.AVI	4/7/2020 8:49	4/7/2020	8:49:56	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0028.AVI	4/7/2020 8:50	4/7/2020	8:50:18	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0029.AVI	4/7/2020 8:50	4/7/2020	8:50:42	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0030.AVI	4/7/2020 8:51	4/7/2020	8:51:02	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0031.AVI	4/7/2020 8:51	4/7/2020	8:51:24	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0032.AVI	4/7/2020 8:51	4/7/2020	8:51:46	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0033.AVI	4/7/2020 8:52	4/7/2020	8:52:34	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0034.AVI	4/7/2020 16:57	4/7/2020	16:57:00	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0035.AVI	4/7/2020 17:01	4/7/2020	17:01:02	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0036.AVI	4/7/2020 19:28	4/7/2020	19:28:56	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0037.AVI	4/7/2020 19:29	4/7/2020	19:29:58	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0038.AVI	4/7/2020 19:30	4/7/2020	19:30:38	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0039.AVI	4/7/2020 20:28	4/7/2020	20:28:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0040.AVI	4/7/2020 21:44	4/7/2020	21:44:20	NA	Unidentified sp.	1	
WS_CT_04	6/3/2020	IMG_0041.AVI	4/8/2020 0:19	4/8/2020	0:19:12	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0042.AVI	4/8/2020 0:19	4/8/2020	0:19:34	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0043.AVI	4/8/2020 2:41	4/8/2020	2:41:44	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0044.AVI	4/8/2020 2:42	4/8/2020	2:42:58	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0045.AVI	4/8/2020 2:43	4/8/2020	2:43:20	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0046.AVI	4/8/2020 2:43	4/8/2020	2:43:42	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0047.AVI	4/8/2020 2:44	4/8/2020	2:44:04	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0048.AVI	4/8/2020 3:48	4/8/2020	3:48:06	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0049.AVI	4/8/2020 3:48	4/8/2020	3:48:28	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0050.AVI	4/8/2020 3:48	4/8/2020	3:48:50	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0051.AVI	4/8/2020 9:27	4/8/2020	9:27:46	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0052.AVI	4/8/2020 16:49	4/8/2020	16:49:02	Bird	Gallus gallus	4	
WS_CT_04	6/3/2020	IMG_0053.AVI	4/8/2020 23:23	4/8/2020	23:23:58	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0054.AVI	4/8/2020 23:26	4/8/2020	23:26:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0055.AVI	4/8/2020 23:38	4/8/2020	23:38:26	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0056.AVI	4/9/2020 7:43	4/9/2020	7:43:40	Mammal	Callosciurus notatus	1	
WS_CT_04	6/3/2020	IMG_0058.AVI	4/9/2020 11:02	4/9/2020	11:02:02	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0059.AVI	4/9/2020 11:06	4/9/2020	11:06:22	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0060.AVI	4/9/2020 11:07	4/9/2020	11:07:48	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0061.AVI	4/9/2020 11:10	4/9/2020	11:10:12	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0062.AVI	4/9/2020 12:20	4/9/2020	12:20:28	Bird	Gallus gallus	1	
WS_CT_04	6/3/2020	IMG_0063.AVI	4/9/2020 20:48	4/9/2020	20:48:58	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0064.AVI	4/9/2020 20:49	4/9/2020	20:49:22	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0065.AVI	4/9/2020 23:36	4/9/2020	23:36:40	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0066.AVI	4/10/2020 7:25	4/10/2020	7:25:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0067.AVI	4/10/2020 7:25	4/10/2020	7:25:58	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0068.AVI	4/10/2020 8:42	4/10/2020	8:42:38	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	6/3/2020	IMG_0069.AVI	4/10/2020 18:19	4/10/2020	18:19:44	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0070.AVI	4/10/2020 18:21	4/10/2020	18:21:08	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0071.AVI	4/10/2020 18:23	4/10/2020	18:23:30	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0072.AVI	4/10/2020 18:24	4/10/2020	18:24:26	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0073.AVI	4/10/2020 18:24	4/10/2020	18:24:52	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0074.AVI	4/10/2020 18:36	4/10/2020	18:36:40	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0077.AVI	4/10/2020 20:51	4/10/2020	20:51:10	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0078.AVI	4/11/2020 6:35	4/11/2020	6:35:58	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0079.AVI	4/11/2020 6:36	4/11/2020	6:36:22	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0080.AVI	4/11/2020 7:18	4/11/2020	7:18:52	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_04	6/3/2020	IMG_0081.AVI	4/11/2020 15:10	4/11/2020	15:10:12	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0082.AVI	4/11/2020 18:22	4/11/2020	18:22:56	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0083.AVI	4/11/2020 18:23	4/11/2020	18:23:24	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0084.AVI	4/11/2020 18:23	4/11/2020	18:23:50	Mammal	Macaca fascicularis	4	
WS_CT_04	6/3/2020	IMG_0085.AVI	4/11/2020 18:24	4/11/2020	18:24:34	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0086.AVI	4/11/2020 20:14	4/11/2020	20:14:54	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0087.AVI	4/11/2020 20:15	4/11/2020	20:15:24	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0088.AVI	4/11/2020 22:42	4/11/2020	22:42:32	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0089.AVI	4/11/2020 22:42	4/11/2020	22:42:54	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0090.AVI	4/11/2020 22:43	4/11/2020	22:43:16	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0091.AVI	4/11/2020 22:44	4/11/2020	22:44:30	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0092.AVI	4/12/2020 5:04	4/12/2020	5:04:02	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0093.AVI	4/12/2020 5:23	4/12/2020	5:23:26	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0094.AVI	4/12/2020 5:24	4/12/2020	5:24:12	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0096.AVI	4/12/2020 14:35	4/12/2020	14:35:24	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0097.AVI	4/12/2020 19:31	4/12/2020	19:31:08	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0098.AVI	4/12/2020 21:28	4/12/2020	21:28:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0099.AVI	4/13/2020 18:06	4/13/2020	18:06:40	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0100.AVI	4/13/2020 18:08	4/13/2020	18:08:10	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0101.AVI	4/13/2020 21:54	4/13/2020	21:54:42	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0102.AVI	4/13/2020 21:55	4/13/2020	21:55:08	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0103.AVI	4/14/2020 7:39	4/14/2020	7:39:54	Bird	Gallus gallus	1	
WS_CT_04	6/3/2020	IMG_0104.AVI	4/14/2020 9:00	4/14/2020	9:00:20	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0105.AVI	4/14/2020 9:21	4/14/2020	9:21:48	Bird	Gallus gallus	2	
WS_CT_04	6/3/2020	IMG_0106.AVI	4/14/2020 12:26	4/14/2020	12:26:48	Mammal	Callosciurus notatus	1	
WS_CT_04	6/3/2020	IMG_0107.AVI	4/14/2020 15:20	4/14/2020	15:20:08	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0108.AVI	4/14/2020 15:20	4/14/2020	15:20:28	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0109.AVI	4/14/2020 15:21	4/14/2020	15:21:08	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0110.AVI	4/14/2020 18:42	4/14/2020	18:42:54	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0111.AVI	4/14/2020 18:43	4/14/2020	18:43:16	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0112.AVI	4/14/2020 19:19	4/14/2020	19:19:58	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0113.AVI	4/14/2020 19:22	4/14/2020	19:22:28	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0114.AVI	4/15/2020 1:59	4/15/2020	1:59:16	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0115.AVI	4/15/2020 11:45	4/15/2020	11:45:22	Mammal	Callosciurus notatus	1	
WS_CT_04	6/3/2020	IMG_0117.AVI	4/16/2020 18:50	4/16/2020	18:50:52	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0118.AVI	4/16/2020 18:51	4/16/2020	18:51:14	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0119.AVI	4/16/2020 20:12	4/16/2020	20:12:04	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0120.AVI	4/16/2020 20:12	4/16/2020	20:12:48	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0121.AVI	4/16/2020 20:13	4/16/2020	20:13:10	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0122.AVI	4/16/2020 20:13	4/16/2020	20:13:46	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0123.AVI	4/16/2020 20:18	4/16/2020	20:18:00	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0124.AVI	4/17/2020 0:29	4/17/2020	0:29:34	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0125.AVI	4/17/2020 0:29	4/17/2020	0:29:56	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0126.AVI	4/17/2020 20:03	4/17/2020	20:03:32	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0127.AVI	4/17/2020 21:33	4/17/2020	21:33:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0128.AVI	4/18/2020 0:23	4/18/2020	0:23:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0129.AVI	4/18/2020 0:23	4/18/2020	0:23:58	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0130.AVI	4/18/2020 0:24	4/18/2020	0:24:20	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0131.AVI	4/18/2020 0:24	4/18/2020	0:24:42	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0132.AVI	4/18/2020 18:12	4/18/2020	18:12:32	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0133.AVI	4/18/2020 18:14	4/18/2020	18:14:04	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0134.AVI	4/18/2020 18:42	4/18/2020	18:42:14	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0135.AVI	4/18/2020 18:45	4/18/2020	18:45:46	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0136.AVI	4/18/2020 18:46	4/18/2020	18:46:16	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0137.AVI	4/18/2020 18:46	4/18/2020	18:46:38	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0138.AVI	4/18/2020 18:46	4/18/2020	18:46:58	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0139.AVI	4/18/2020 18:47	4/18/2020	18:47:20	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0140.AVI	4/18/2020 18:47	4/18/2020	18:47:48	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0141.AVI	4/18/2020 18:53	4/18/2020	18:53:14	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0142.AVI	4/18/2020 18:54	4/18/2020	18:54:56	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0143.AVI	4/18/2020 19:44	4/18/2020	19:44:10	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0144.AVI	4/18/2020 19:53	4/18/2020	19:53:22	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0146.AVI	4/19/2020 1:56	4/19/2020	1:56:10	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0147.AVI	4/19/2020 1:56	4/19/2020	1:56:34	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0148.AVI	4/19/2020 7:51	4/19/2020	7:51:32	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0149.AVI	4/19/2020 7:51	4/19/2020	7:51:54	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0150.AVI	4/19/2020 19:36	4/19/2020	19:36:28	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0151.AVI	4/19/2020 19:37	4/19/2020	19:37:06	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0152.AVI	4/19/2020 19:38	4/19/2020	19:38:28	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0153.AVI	4/19/2020 19:39	4/19/2020	19:39:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0154.AVI	4/19/2020 20:23	4/19/2020	20:23:10	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0155.AVI	4/19/2020 20:29	4/19/2020	20:29:18	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0157.AVI	4/20/2020 14:44	4/20/2020	14:44:34	Mammal	Callosciurus notatus	1	
WS_CT_04	6/3/2020	IMG_0158.AVI	4/20/2020 14:51	4/20/2020	14:51:48	Mammal	Callosciurus notatus	1	
WS_CT_04	6/3/2020	IMG_0160.AVI	4/21/2020 16:31	4/21/2020	16:31:20	Bird	Gallus gallus	1	
WS_CT_04	6/3/2020	IMG_0161.AVI	4/21/2020 18:29	4/21/2020	18:29:40	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0162.AVI	4/21/2020 18:30	4/21/2020	18:30:48	Mammal	Sus scrofa	3	
WS_CT_04	6/3/2020	IMG_0163.AVI	4/21/2020 18:31	4/21/2020	18:31:38	Mammal	Sus scrofa	3	
WS_CT_04	6/3/2020	IMG_0165.AVI	4/21/2020 18:41	4/21/2020	18:41:00	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0166.AVI	4/21/2020 19:28	4/21/2020	19:28:40	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0167.AVI	4/22/2020 20:34	4/22/2020	20:34:56	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0168.AVI	4/23/2020 5:40	4/23/2020	5:40:46	Mammal	Paradoxurus musangus	1	
WS_CT_04	6/3/2020	IMG_0169.AVI	4/23/2020 15:35	4/23/2020	15:35:48	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0170.AVI	4/23/2020 15:36	4/23/2020	15:36:10	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0171.AVI	4/23/2020 16:33	4/23/2020	16:33:48	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0172.AVI	4/23/2020 16:41	4/23/2020	16:41:06	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_04	6/3/2020	IMG_0173.AVI	4/23/2020 22:51	4/23/2020	22:51:52	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0174.AVI	4/24/2020 0:38	4/24/2020	0:39:56	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0175.AVI	4/24/2020 10:19	4/24/2020	10:19:12	Bird	Nisaetus cirrhatus	1	
WS_CT_04	6/3/2020	IMG_0177.AVI	4/24/2020 10:22	4/24/2020	10:22:10	Bird	Nisaetus cirrhatus	1	
WS_CT_04	6/3/2020	IMG_0178.AVI	4/24/2020 10:32	4/24/2020	10:32:12	Bird	Nisaetus cirrhatus	1	
WS_CT_04	6/3/2020	IMG_0179.AVI	4/24/2020 17:51	4/24/2020	17:51:06	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0180.AVI	4/24/2020 17:51	4/24/2020	17:51:28	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0181.AVI	4/24/2020 17:51	4/24/2020	17:51:50	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0182.AVI	4/25/2020 16:06	4/25/2020	16:06:40	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0183.AVI	4/25/2020 20:33	4/25/2020	20:33:20	Mammal	Sus scrofa	3	
WS_CT_04	6/3/2020	IMG_0184.AVI	4/26/2020 11:25	4/26/2020	11:25:16	Mammal	Callosciurus notatus	1	
WS_CT_04	6/3/2020	IMG_0185.AVI	4/26/2020 17:10	4/26/2020	17:10:52	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0186.AVI	4/26/2020 17:11	4/26/2020	17:11:12	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0187.AVI	4/26/2020 17:44	4/26/2020	17:44:06	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0188.AVI	4/26/2020 17:47	4/26/2020	17:47:36	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0189.AVI	4/27/2020 21:08	4/27/2020	21:08:42	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0190.AVI	4/27/2020 21:09	4/27/2020	21:09:06	Mammal	Sus scrofa	3	
WS_CT_04	6/3/2020	IMG_0191.AVI	4/27/2020 21:09	4/27/2020	21:09:26	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0192.AVI	4/27/2020 21:09	4/27/2020	21:09:52	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0193.AVI	4/27/2020 21:10	4/27/2020	21:10:12	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0194.AVI	4/27/2020 21:10	4/27/2020	21:10:44	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0195.AVI	4/27/2020 21:11	4/27/2020	21:11:08	Mammal	Sus scrofa	1	Both piglets
WS_CT_04	6/3/2020	IMG_0196.AVI	4/27/2020 21:12	4/27/2020	21:12:14	Mammal	Sus scrofa	1	1 piglet
WS_CT_04	6/3/2020	IMG_0197.AVI	4/27/2020 21:12	4/27/2020	21:12:40	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0198.AVI	4/27/2020 22:37	4/27/2020	22:37:42	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0199.AVI	4/28/2020 2:31	4/28/2020	2:31:46	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0200.AVI	4/28/2020 2:32	4/28/2020	2:32:06	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0201.AVI	4/28/2020 7:30	4/28/2020	7:30:48	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0202.AVI	4/28/2020 7:31	4/28/2020	7:31:18	Mammal	Macaca fascicularis	2	
WS_CT_04	6/3/2020	IMG_0203.AVI	4/28/2020 7:33	4/28/2020	7:33:20	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0204.AVI	4/28/2020 7:36	4/28/2020	7:36:14	Mammal	Macaca fascicularis	1	
WS_CT_04	6/3/2020	IMG_0205.AVI	4/28/2020 16:59	4/28/2020	16:59:44	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0206.AVI	4/28/2020 17:26	4/28/2020	17:26:30	Mammal	Sus scrofa	2	
WS_CT_04	6/3/2020	IMG_0207.AVI	4/28/2020 17:27	4/28/2020	17:27:36	Mammal	Sus scrofa	1	
WS_CT_04	6/3/2020	IMG_0208.AVI	4/28/2020 17:28	4/28/2020	17:28:36	Mammal	Sus scrofa	1	
WS_CT_04	7/6/2020	IMG_0010.AVI	6/3/2020 17:09	6/3/2020	17:09:12	Bird	Gallus gallus	1	
WS_CT_04	7/6/2020	IMG_0011.AVI	6/4/2020 3:19	6/4/2020	3:19:46	Mammal	Sus scrofa	1	
WS_CT_04	7/6/2020	IMG_0012.AVI	6/4/2020 7:04	6/4/2020	7:04:56	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0013.AVI	6/4/2020 7:07	6/4/2020	7:07:26	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0014.AVI	6/4/2020 9:19	6/4/2020	9:19:00	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0014.AVI	6/4/2020 9:19	6/4/2020	9:19:00	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/6/2020	IMG_0015.AVI	6/4/2020 9:22	6/4/2020	9:22:14	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0016.AVI	6/5/2020 17:00	6/5/2020	17:00:00	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0017.AVI	6/6/2020 6:53	6/6/2020	6:53:08	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/6/2020	IMG_0018.AVI	6/6/2020 9:47	6/6/2020	9:47:38	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/6/2020	IMG_0019.AVI	6/6/2020 9:52	6/6/2020	9:52:14	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0020.AVI	6/6/2020 12:26	6/6/2020	12:26:08	Mammal	Sus scrofa	2	
WS_CT_04	7/6/2020	IMG_0021.AVI	6/6/2020 16:36	6/6/2020	16:36:26	Mammal	Sus scrofa	3	
WS_CT_04	7/6/2020	IMG_0022.AVI	6/6/2020 18:52	6/6/2020	18:52:30	Mammal	Sus scrofa	1	
WS_CT_04	7/6/2020	IMG_0023.AVI	6/7/2020 3:02	6/7/2020	3:02:46	Mammal	Rattus sp.	1	
WS_CT_04	7/6/2020	IMG_0025.AVI	6/7/2020 9:24	6/7/2020	9:24:02	Mammal	Macaca fascicularis	1	
WS_CT_04	7/6/2020	IMG_0027.AVI	6/8/2020 10:14	6/8/2020	10:14:00	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0029.AVI	6/8/2020 12:34	6/8/2020	12:34:54	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0030.AVI	6/8/2020 16:54	6/8/2020	16:54:18	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0031.AVI	6/8/2020 19:03	6/8/2020	19:03:34	Mammal	Sus scrofa	1	
WS_CT_04	7/6/2020	IMG_0033.AVI	6/9/2020 3:53	6/9/2020	3:53:16	Mammal	Sus scrofa	1	
WS_CT_04	7/6/2020	IMG_0034.AVI	6/9/2020 4:15	6/9/2020	4:15:58	Mammal	Manis javanica	1	
WS_CT_04	7/6/2020	IMG_0036.AVI	6/9/2020 7:31	6/9/2020	7:31:38	Mammal	Sus scrofa	1	
WS_CT_04	7/6/2020	IMG_0037.AVI	6/9/2020 7:39	6/9/2020	7:39:14	Bird	Gallus gallus	1	
WS_CT_04	7/6/2020	IMG_0038.AVI	6/9/2020 16:58	6/9/2020	16:58:58	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0039.AVI	6/9/2020 17:04	6/9/2020	17:04:18	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0040.AVI	6/9/2020 17:44	6/9/2020	17:44:06	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0041.AVI	6/9/2020 17:44	6/9/2020	17:44:36	Mammal	Callosciurus notatus	1	
WS_CT_04	7/6/2020	IMG_0043.AVI	6/9/2020 19:09	6/9/2020	19:09:36	Mammal	Callosciurus notatus	2	
WS_CT_04	7/6/2020	IMG_0044.AVI	6/10/2020 0:20	6/10/2020	0:20:08	Mammal	Rattus sp.	1	
WS_CT_04	7/6/2020	IMG_0045.AVI	6/10/2020 9:47	6/10/2020	9:47:52	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0047.AVI	6/10/2020 9:57	6/10/2020	9:57:28	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0048.AVI	6/10/2020 10:00	6/10/2020	10:00:40	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0049.AVI	6/10/2020 10:01	6/10/2020	10:01:40	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0050.AVI	6/10/2020 10:06	6/10/2020	10:06:24	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0051.AVI	6/10/2020 10:06	6/10/2020	10:06:46	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0052.AVI	6/10/2020 10:07	6/10/2020	10:07:14	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0053.AVI	6/10/2020 10:24	6/10/2020	10:24:40	Mammal	Macaca fascicularis	6	
WS_CT_04	7/6/2020	IMG_0054.AVI	6/10/2020 10:25	6/10/2020	10:25:26	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0055.AVI	6/10/2020 10:25	6/10/2020	10:25:52	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0056.AVI	6/10/2020 10:26	6/10/2020	10:26:32	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0057.AVI	6/10/2020 10:26	6/10/2020	10:26:56	Mammal	Macaca fascicularis	5	
WS_CT_04	7/6/2020	IMG_0058.AVI	6/10/2020 10:27	6/10/2020	10:27:26	Mammal	Macaca fascicularis	6	
WS_CT_04	7/6/2020	IMG_0059.AVI	6/10/2020 10:28	6/10/2020	10:28:00	Mammal	Macaca fascicularis	5	
WS_CT_04	7/6/2020	IMG_0060.AVI	6/10/2020 10:28	6/10/2020	10:28:22	Mammal	Macaca fascicularis	1	Interacting with camera; view unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0062.AVI	6/10/2020 10:33	6/10/2020	10:33:44	Mammal	Macaca fascicularis	1	
WS_CT_04	7/6/2020	IMG_0063.AVI	6/10/2020 10:38	6/10/2020	10:38:04	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0064.AVI	6/10/2020 10:40	6/10/2020	10:40:44	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0065.AVI	6/10/2020 10:41	6/10/2020	10:41:14	Mammal	Macaca fascicularis	2	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_04	7/6/2020	IMG_0066.AVI	6/10/2020 10:42	6/10/2020	10:42:02	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0067.AVI	6/10/2020 10:45	6/10/2020	10:45:52	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0068.AVI	6/10/2020 10:47	6/10/2020	10:47:40	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0069.AVI	6/10/2020 10:51	6/10/2020	10:51:46	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0070.AVI	6/10/2020 10:53	6/10/2020	10:53:02	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0071.AVI	6/10/2020 10:54	6/10/2020	10:54:12	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0072.AVI	6/10/2020 10:54	6/10/2020	10:54:32	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_04	7/6/2020	IMG_0073.AVI	6/10/2020 10:54	6/10/2020	10:54:54	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_04	7/6/2020	IMG_0074.AVI	6/10/2020 10:55	6/10/2020	10:55:16	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0075.AVI	6/10/2020 10:59	6/10/2020	10:59:30	Mammal	Macaca fascicularis	8	
WS_CT_04	7/6/2020	IMG_0076.AVI	6/10/2020 11:00	6/10/2020	11:00:00	Mammal	Macaca fascicularis	3	Interacting with camera
WS_CT_04	7/6/2020	IMG_0077.AVI	6/10/2020 11:00	6/10/2020	11:00:22	Mammal	Macaca fascicularis	2	Interacting with camera
WS_CT_04	7/6/2020	IMG_0078.AVI	6/10/2020 11:00	6/10/2020	11:00:48	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0079.AVI	6/10/2020 11:01	6/10/2020	11:01:08	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0080.AVI	6/10/2020 11:01	6/10/2020	11:01:32	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0081.AVI	6/10/2020 11:01	6/10/2020	11:01:56	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0082.AVI	6/10/2020 11:02	6/10/2020	11:02:16	Mammal	Macaca fascicularis	5	
WS_CT_04	7/6/2020	IMG_0083.AVI	6/10/2020 11:03	6/10/2020	11:03:46	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0084.AVI	6/10/2020 11:04	6/10/2020	11:04:30	Mammal	Macaca fascicularis	5	
WS_CT_04	7/6/2020	IMG_0085.AVI	6/10/2020 11:07	6/10/2020	11:07:34	Mammal	Macaca fascicularis	6	
WS_CT_04	7/6/2020	IMG_0086.AVI	6/10/2020 11:08	6/10/2020	11:08:06	Mammal	Macaca fascicularis	6	
WS_CT_04	7/6/2020	IMG_0087.AVI	6/10/2020 11:08	6/10/2020	11:08:32	Mammal	Macaca fascicularis	3	Interacting with camera
WS_CT_04	7/6/2020	IMG_0088.AVI	6/10/2020 11:09	6/10/2020	11:09:18	Mammal	Macaca fascicularis	4	Interacting with camera
WS_CT_04	7/6/2020	IMG_0089.AVI	6/10/2020 11:09	6/10/2020	11:09:40	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0090.AVI	6/10/2020 11:11	6/10/2020	11:11:42	Mammal	Macaca fascicularis	4	
WS_CT_04	7/6/2020	IMG_0091.AVI	6/10/2020 11:12	6/10/2020	11:12:16	Mammal	Macaca fascicularis	3	
WS_CT_04	7/6/2020	IMG_0092.AVI	6/10/2020 11:13	6/10/2020	11:13:28	Mammal	Macaca fascicularis	5	
WS_CT_04	7/6/2020	IMG_0093.AVI	6/10/2020 11:14	6/10/2020	11:14:14	Mammal	Macaca fascicularis	1	
WS_CT_04	7/6/2020	IMG_0094.AVI	6/10/2020 11:15	6/10/2020	11:15:06	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0095.AVI	6/10/2020 11:15	6/10/2020	11:15:44	Mammal	Macaca fascicularis	6	
WS_CT_04	7/6/2020	IMG_0096.AVI	6/10/2020 11:16	6/10/2020	11:16:06	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0097.AVI	6/10/2020 11:16	6/10/2020	11:16:26	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0098.AVI	6/10/2020 11:17	6/10/2020	11:17:26	Mammal	Macaca fascicularis	7	
WS_CT_04	7/6/2020	IMG_0099.AVI	6/10/2020 11:18	6/10/2020	11:18:02	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_04	7/6/2020	IMG_0100.AVI	6/10/2020 11:19	6/10/2020	11:19:26	Mammal	Macaca fascicularis	5	
WS_CT_04	7/6/2020	IMG_0101.AVI	6/10/2020 11:21	6/10/2020	11:21:16	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0102.AVI	6/10/2020 11:21	6/10/2020	11:21:40	Mammal	Macaca fascicularis	2	
WS_CT_04	7/6/2020	IMG_0103.AVI	6/10/2020 11:22	6/10/2020	11:22:08	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_04	7/6/2020	IMG_0104.AVI	6/10/2020 11:22	6/10/2020	11:22:30	Mammal	Macaca fascicularis	1	Chewing permit tag
WS_CT_04	7/6/2020	IMG_0105.AVI	6/10/2020 11:22	6/10/2020	11:22:54	Mammal	Macaca fascicularis	1	Interacting with camera
WS_CT_04	7/6/2020	IMG_0106 camer	6/10/2020 11:23	6/10/2020	11:23:14	Mammal	Macaca fascicularis	1	Shifted the camera; view unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0107.AVI	6/10/2020 11:23	6/10/2020	11:23:36	Mammal	Macaca fascicularis	2	Eating permit tag; view unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0108.AVI	6/10/2020 11:24	6/10/2020	11:24:02	Mammal	Macaca fascicularis	1	Interacting with camera; view unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0109.AVI	6/10/2020 11:24	6/10/2020	11:24:24	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0110.AVI	6/10/2020 11:24	6/10/2020	11:24:56	Mammal	Macaca fascicularis	3	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0112.AVI	6/10/2020 11:27	6/10/2020	11:27:46	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0114.AVI	6/10/2020 11:28	6/10/2020	11:28:52	Mammal	Macaca fascicularis	1	Interacting with camera; view unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0116.AVI	6/10/2020 11:31	6/10/2020	11:31:32	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0117.AVI	6/10/2020 11:34	6/10/2020	11:34:10	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0118.AVI	6/10/2020 11:36	6/10/2020	11:36:34	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0119.AVI	6/10/2020 11:36	6/10/2020	11:36:56	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0120.AVI	6/10/2020 11:40	6/10/2020	11:40:26	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0121.AVI	6/10/2020 11:40	6/10/2020	11:40:58	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0122.AVI	6/10/2020 11:41	6/10/2020	11:41:24	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0124.AVI	6/10/2020 11:42	6/10/2020	11:42:48	Mammal	Macaca fascicularis	2	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0125.AVI	6/10/2020 11:45	6/10/2020	11:45:16	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0126.AVI	6/10/2020 11:45	6/10/2020	11:45:46	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0127.AVI	6/10/2020 11:46	6/10/2020	11:46:26	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0128.AVI	6/10/2020 11:46	6/10/2020	11:46:48	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0129.AVI	6/10/2020 11:52	6/10/2020	11:52:40	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0130.AVI	6/10/2020 12:27	6/10/2020	12:27:10	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_04	7/6/2020	IMG_0131.AVI	6/10/2020 12:27	6/10/2020	12:27:34	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0132.AVI	6/10/2020 12:41	6/10/2020	12:41:02	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0133.AVI	6/10/2020 12:41	6/10/2020	12:41:26	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0134.AVI	6/10/2020 12:43	6/10/2020	12:43:30	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0135.AVI	6/10/2020 12:43	6/10/2020	12:43:52	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0136.AVI	6/10/2020 12:44	6/10/2020	12:44:40	Mammal	Macaca fascicularis	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0139.AVI	6/10/2020 12:51	6/10/2020	12:51:00	Mammal	Macaca fascicularis	1	Interacting with camera; view unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0140.AVI	6/10/2020 12:53	6/10/2020	12:53:04	Mammal	Macaca fascicularis	1	Interacting with camera; view unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0151.AVI	6/11/2020 16:45	6/11/2020	16:45:52	NA	Unidentified sp.	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0152.AVI	6/12/2020 15:18	6/12/2020	15:18:16	Mammal	Sus scrofa	2	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0153.AVI	6/12/2020 19:43	6/12/2020	19:43:32	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0154.AVI	6/12/2020 23:59	6/12/2020	23:59:06	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0156.AVI	6/14/2020 17:43	6/14/2020	17:43:04	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0157.AVI	6/14/2020 20:36	6/14/2020	20:36:24	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0174.AVI	6/16/2020 18:15	6/16/2020	18:15:38	Bird	Gallus gallus	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0175.AVI	6/16/2020 20:30	6/16/2020	20:30:30	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0176.AVI	6/16/2020 23:33	6/16/2020	23:33:14	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0177.AVI	6/17/2020 9:32	6/17/2020	9:32:02	Mammal	Callosciurus notatus	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0178.AVI	6/17/2020 9:36	6/17/2020	9:36:30	Mammal	Unidentified squirrel or shrew	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0181.AVI	6/17/2020 18:43	6/17/2020	18:43:16	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0187.AVI	6/19/2020 18:24	6/19/2020	18:24:40	Mammal	Callosciurus notatus	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0188.AVI	6/19/2020 22:11	6/19/2020	22:11:56	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0189.AVI	6/21/2020 1:42	6/21/2020	1:42:48	NA	Unidentified sp.	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0190.AVI	6/22/2020 2:03	6/22/2020	2:03:16	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0191.AVI	6/22/2020 3:45	6/22/2020	3:45:28	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0192.AVI	6/22/2020 10:53	6/22/2020	10:53:22	Mammal	Callosciurus notatus	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0193.AVI	6/22/2020 10:59	6/22/2020	10:59:20	Mammal	Callosciurus notatus	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0196.AVI	6/26/2020 18:54	6/26/2020	18:54:40	Mammal	Unidentified squirrel or shrew	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0197.AVI	6/27/2020 9:39	6/27/2020	9:39:16	NA	Unidentified sp.	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0198.AVI	6/27/2020 9:39	6/27/2020	9:39:46	NA	Unidentified sp.	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0240.AVI	6/29/2020 21:11	6/29/2020	21:11:00	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0268.AVI	7/1/2020 4:49	7/1/2020	4:49:38	NA	Unidentified sp.	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0269.AVI	7/2/2020 3:48	7/2/2020	3:48:04	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0276.AVI	7/4/2020 9:22	7/4/2020	9:22:06	NA	Unidentified sp.	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0288.AVI	7/6/2020 1:28	7/6/2020	1:28:02	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/6/2020	IMG_0026.AVI	7/6/2020 20:18	7/6/2020	20:18:22	Mammal	Sus scrofa	1	View unclear; data not used for analysis
WS_CT_04	7/15/2020	IMG_0023.AVI	7/6/2020 19:19	7/6/2020	19:19:28	Mammal	Sus scrofa	1	
WS_CT_04	7/15/2020	IMG_0081.AVI	7/7/2020 10:57	7/7/2020	10:57:40	Mammal	Tupaia glis	1	
WS_CT_04	7/15/2020	IMG_0025.AVI	7/7/2020 14:17	7/7/2020	14:17:22	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0026.AVI	7/8/2020 13:34	7/8/2020	13:34:42	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0027.AVI	7/8/2020 14:00	7/8/2020	14:00:50	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/15/2020	IMG_0028.AVI	7/8/2020 16:11	7/8/2020	16:11:12	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/15/2020	IMG_0029.AVI	7/8/2020 16:12	7/8/2020	16:12:28	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/15/2020	IMG_0030.AVI	7/9/2020 2:33	7/9/2020	2:33:54	Mammal	Sus scrofa	1	
WS_CT_04	7/15/2020	IMG_0031.AVI	7/9/2020 10:56	7/9/2020	10:56:18	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/15/2020	IMG_0032.AVI	7/9/2020 12:05	7/9/2020	12:05:06	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0034.AVI	7/9/2020 12:50	7/9/2020	12:50:50	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0035.AVI	7/9/2020 13:36	7/9/2020	13:36:54	Mammal	Macaca fascicularis	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_04	7/15/2020	IMG_0036.AVI	7/9/2020 13:40	7/9/2020	13:40:36	Mammal	Macaca fascicularis	1	
WS_CT_04	7/15/2020	IMG_0037.AVI	7/9/2020 13:42	7/9/2020	13:42:20	Mammal	Macaca fascicularis	1	
WS_CT_04	7/15/2020	IMG_0038.AVI	7/9/2020 13:44	7/9/2020	13:44:34	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0039.AVI	7/9/2020 13:46	7/9/2020	13:46:36	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0040.AVI	7/9/2020 13:46	7/9/2020	13:46:58	Mammal	Macaca fascicularis	4	
WS_CT_04	7/15/2020	IMG_0024.AVI	7/9/2020 13:46	7/9/2020	13:46:58	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/15/2020	IMG_0041.AVI	7/9/2020 13:47	7/9/2020	13:47:42	Mammal	Macaca fascicularis	1	
WS_CT_04	7/15/2020	IMG_0042.AVI	7/9/2020 13:48	7/9/2020	13:48:52	Mammal	Macaca fascicularis	2	
WS_CT_04	7/15/2020	IMG_0043.AVI	7/9/2020 13:49	7/9/2020	13:49:16	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0044.AVI	7/9/2020 13:49	7/9/2020	13:49:50	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0045.AVI	7/9/2020 13:50	7/9/2020	13:50:26	Mammal	Macaca fascicularis	1	
WS_CT_04	7/15/2020	IMG_0046.AVI	7/9/2020 13:51	7/9/2020	13:51:50	Mammal	Macaca fascicularis	2	
WS_CT_04	7/15/2020	IMG_0047.AVI	7/9/2020 13:52	7/9/2020	13:52:22	Mammal	Macaca fascicularis	2	
WS_CT_04	7/15/2020	IMG_0048.AVI	7/9/2020 13:53	7/9/2020	13:53:58	Mammal	Macaca fascicularis	2	
WS_CT_04	7/15/2020	IMG_0049.AVI	7/9/2020 13:54	7/9/2020	13:54:58	Mammal	Macaca fascicularis	2	
WS_CT_04	7/15/2020	IMG_0050.AVI	7/9/2020 13:55	7/9/2020	13:55:34	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0051.AVI	7/9/2020 13:55	7/9/2020	13:55:56	Mammal	Macaca fascicularis	4	
WS_CT_04	7/15/2020	IMG_0052.AVI	7/9/2020 13:56	7/9/2020	13:56:22	Mammal	Macaca fascicularis	4	
WS_CT_04	7/15/2020	IMG_0053.AVI	7/9/2020 13:56	7/9/2020	13:56:54	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0054.AVI	7/9/2020 13:57	7/9/2020	13:57:40	Mammal	Macaca fascicularis	4	
WS_CT_04	7/15/2020	IMG_0055.AVI	7/9/2020 13:58	7/9/2020	13:58:16	Mammal	Macaca fascicularis	1	
WS_CT_04	7/15/2020	IMG_0056.AVI	7/9/2020 13:58	7/9/2020	13:58:56	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0057.AVI	7/9/2020 13:59	7/9/2020	13:59:22	Mammal	Macaca fascicularis	1	
WS_CT_04	7/15/2020	IMG_0058.AVI	7/9/2020 14:00	7/9/2020	14:00:26	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0059.AVI	7/9/2020 14:02	7/9/2020	14:02:02	Mammal	Macaca fascicularis	2	
WS_CT_04	7/15/2020	IMG_0060.AVI	7/9/2020 14:04	7/9/2020	14:04:02	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0061.AVI	7/9/2020 14:05	7/9/2020	14:05:04	Mammal	Macaca fascicularis	2	
WS_CT_04	7/15/2020	IMG_0062.AVI	7/9/2020 14:05	7/9/2020	14:05:28	Mammal	Macaca fascicularis	4	One carrying infant
WS_CT_04	7/15/2020	IMG_0063.AVI	7/9/2020 14:08	7/9/2020	14:08:14	Mammal	Macaca fascicularis	3	
WS_CT_04	7/15/2020	IMG_0064.AVI	7/9/2020 14:08	7/9/2020	14:08:40	Mammal	Macaca fascicularis	1	
WS_CT_04	7/15/2020	IMG_0065.AVI	7/9/2020 14:10	7/9/2020	14:10:54	Mammal	Macaca fascicularis	2	
WS_CT_04	7/15/2020	IMG_0066.AVI	7/9/2020 16:23	7/9/2020	16:23:20	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0051.AVI	7/10/2020 8:12	7/10/2020	8:12:12	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	7/15/2020	IMG_0068.AVI	7/10/2020 10:50	7/10/2020	10:50:30	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0069.AVI	7/10/2020 11:14	7/10/2020	11:14:48	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0070.AVI	7/10/2020 12:07	7/10/2020	12:07:48	Mammal	Callosciurus notatus	2	
WS_CT_04	7/15/2020	IMG_0071.AVI	7/10/2020 18:38	7/10/2020	18:38:34	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0072.AVI	7/11/2020 21:27	7/11/2020	21:27:18	Mammal	Sus scrofa	1	
WS_CT_04	7/15/2020	IMG_0073.AVI	7/12/2020 11:15	7/12/2020	11:15:54	Mammal	Callosciurus notatus	1	
WS_CT_04	7/15/2020	IMG_0074.AVI	7/12/2020 12:42	7/12/2020	12:42:52	Bird	Gallus gallus	1	
WS_CT_04	7/15/2020	IMG_0075.AVI	7/12/2020 21:57	7/12/2020	21:57:12	Mammal	Sus scrofa	1	
WS_CT_04	7/15/2020	IMG_0076.AVI	7/12/2020 21:57	7/12/2020	21:57:32	Mammal	Sus scrofa	1	
WS_CT_04	7/15/2020	IMG_0077.AVI	7/12/2020 21:57	7/12/2020	21:57:56	Mammal	Sus scrofa	1	
WS_CT_04	7/15/2020	IMG_0078.AVI	7/12/2020 21:58	7/12/2020	21:58:16	Mammal	Sus scrofa	1	
WS_CT_04	7/15/2020	IMG_0079.AVI	7/12/2020 21:59	7/12/2020	21:59:00	Mammal	Sus scrofa	1	
WS_CT_04	7/15/2020	IMG_0080.AVI	7/13/2020 8:22	7/13/2020	8:22:32	Mammal	Sus scrofa	6	2 piglets
WS_CT_04	7/15/2020	IMG_0067.AVI	7/15/2020 9:29	7/15/2020	9:29:40	Mammal	Sundasciurus tenuis	1	
WS_CT_04	8/18/2020	IMG_0010.AVI	7/16/2020 7:50	7/15/2020	7:50:02	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0011.AVI	7/16/2020 7:50	7/15/2020	7:50:58	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0012.AVI	7/16/2020 7:52	7/15/2020	7:52:02	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0002.AVI	7/15/2020 14:20	7/15/2020	14:20:00	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0003.AVI	7/15/2020 14:21	7/15/2020	14:21:12	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0004.AVI	7/15/2020 14:23	7/15/2020	14:23:50	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0005.AVI	7/15/2020 21:06	7/15/2020	21:06:18	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0006.AVI	7/15/2020 23:22	7/15/2020	23:22:54	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0008.AVI	7/15/2020 23:56	7/15/2020	23:56:26	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0009.AVI	7/15/2020 23:57	7/15/2020	23:57:20	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0015.AVI	7/17/2020 1:39	7/16/2020	1:39:28	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0013.AVI	7/16/2020 18:24	7/16/2020	18:24:52	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0014.AVI	7/16/2020 18:25	7/16/2020	18:25:22	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0016.AVI	7/17/2020 13:08	7/17/2020	13:08:12	Mammal	Callosciurus notatus	2	
WS_CT_04	8/18/2020	IMG_0018.AVI	7/17/2020 13:24	7/17/2020	13:24:10	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0019.AVI	7/17/2020 13:38	7/17/2020	13:38:46	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0020.AVI	7/17/2020 13:54	7/17/2020	13:54:18	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0021.AVI	7/17/2020 14:10	7/17/2020	14:10:06	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0022.AVI	7/17/2020 14:12	7/17/2020	14:12:56	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0023.AVI	7/17/2020 14:13	7/17/2020	14:13:56	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0024.AVI	7/17/2020 14:19	7/17/2020	14:19:24	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0025.AVI	7/17/2020 14:21	7/17/2020	14:21:56	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0026.AVI	7/18/2020 9:13	7/18/2020	9:13:18	Mammal	Sus scrofa	2	
WS_CT_04	8/18/2020	IMG_0027.AVI	7/18/2020 11:19	7/18/2020	11:19:26	Bird	Unidentified bird	1	
WS_CT_04	8/18/2020	IMG_0028.AVI	7/18/2020 16:26	7/18/2020	16:26:44	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0029.AVI	7/18/2020 16:30	7/18/2020	16:30:04	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0030.AVI	7/19/2020 16:55	7/19/2020	16:55:14	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0031.AVI	7/19/2020 20:45	7/19/2020	20:45:42	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0032.AVI	7/19/2020 21:01	7/19/2020	21:01:36	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0033.AVI	7/19/2020 21:02	7/19/2020	21:02:06	Mammal	Sus scrofa	3	Three young (no stripes)
WS_CT_04	8/18/2020	IMG_0034.AVI	7/19/2020 21:02	7/19/2020	21:02:38	Mammal	Sus scrofa	4	Adult with three young (faint stripes)
WS_CT_04	8/18/2020	IMG_0035.AVI	7/19/2020 23:15	7/19/2020	23:15:02	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0037.AVI	7/21/2020 7:12	7/20/2020	7:12:50	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0038.AVI	7/21/2020 7:13	7/20/2020	7:13:12	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0040.AVI	7/21/2020 9:27	7/21/2020	9:27:40	Mammal	Callosciurus notatus	2	
WS_CT_04	8/18/2020	IMG_0041.AVI	7/21/2020 11:38	7/21/2020	11:38:04	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0042.AVI	7/21/2020 20:05	7/21/2020	20:05:08	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0044.AVI	7/22/2020 10:16	7/22/2020	10:16:52	Mammal	Callosciurus notatus	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_04	8/18/2020	IMG_0045.AVI	7/22/2020 20:43	7/22/2020	20:43:28	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0046.AVI	7/22/2020 20:54	7/22/2020	20:54:34	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0051.AVI	7/24/2020 4:10	7/23/2020	4:10:54	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0047.AVI	7/23/2020 9:21	7/23/2020	9:21:28	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0048.AVI	7/23/2020 14:47	7/23/2020	14:47:00	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0049.AVI	7/23/2020 17:31	7/23/2020	17:31:32	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0050.AVI	7/23/2020 17:45	7/23/2020	17:45:56	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0075.AVI	7/25/2020 0:56	7/24/2020	0:56:12	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0076.AVI	7/25/2020 0:56	7/24/2020	0:56:34	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0077.AVI	7/25/2020 1:31	7/24/2020	1:31:54	NA	Unidentified sp.	1	
WS_CT_04	8/18/2020	IMG_0078.AVI	7/25/2020 7:19	7/24/2020	7:19:44	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	8/18/2020	IMG_0052.AVI	7/24/2020 8:44	7/24/2020	8:44:06	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0053.AVI	7/24/2020 11:16	7/24/2020	11:16:00	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0054.AVI	7/24/2020 13:06	7/24/2020	13:06:58	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0055.AVI	7/24/2020 13:10	7/24/2020	13:10:20	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0056.AVI	7/24/2020 13:10	7/24/2020	13:10:46	Bird	Gallus gallus	2	
WS_CT_04	8/18/2020	IMG_0057.AVI	7/24/2020 13:40	7/24/2020	13:40:54	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0058.AVI	7/24/2020 13:42	7/24/2020	13:42:00	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0059.AVI	7/24/2020 14:13	7/24/2020	14:13:18	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0060.AVI	7/24/2020 14:15	7/24/2020	14:15:52	Mammal	Macaca fascicularis	4	
WS_CT_04	8/18/2020	IMG_0061.AVI	7/24/2020 14:18	7/24/2020	14:18:10	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0062.AVI	7/24/2020 14:18	7/24/2020	14:18:38	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0063.AVI	7/24/2020 14:19	7/24/2020	14:19:38	Mammal	Macaca fascicularis	3	
WS_CT_04	8/18/2020	IMG_0064.AVI	7/24/2020 14:22	7/24/2020	14:22:16	Mammal	Macaca fascicularis	4	
WS_CT_04	8/18/2020	IMG_0065.AVI	7/24/2020 14:22	7/24/2020	14:22:44	Mammal	Macaca fascicularis	11	
WS_CT_04	8/18/2020	IMG_0066.AVI	7/24/2020 14:23	7/24/2020	14:23:08	Mammal	Macaca fascicularis	12	
WS_CT_04	8/18/2020	IMG_0067.AVI	7/24/2020 14:23	7/24/2020	14:23:28	Mammal	Macaca fascicularis	6	
WS_CT_04	8/18/2020	IMG_0068.AVI	7/24/2020 14:23	7/24/2020	14:23:50	Mammal	Macaca fascicularis	6	
WS_CT_04	8/18/2020	IMG_0069.AVI	7/24/2020 14:24	7/24/2020	14:24:14	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0070.AVI	7/24/2020 14:26	7/24/2020	14:26:18	Mammal	Macaca fascicularis	2	Mother with infant
WS_CT_04	8/18/2020	IMG_0071.AVI	7/24/2020 14:29	7/24/2020	14:29:34	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0072.AVI	7/24/2020 14:42	7/24/2020	14:42:48	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0073.AVI	7/24/2020 14:43	7/24/2020	14:43:10	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0082.AVI	7/26/2020 7:31	7/25/2020	7:31:10	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0083.AVI	7/26/2020 7:31	7/25/2020	7:31:32	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0084.AVI	7/26/2020 7:31	7/25/2020	7:31:58	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0085.AVI	7/26/2020 7:32	7/25/2020	7:32:18	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0086.AVI	7/26/2020 7:32	7/25/2020	7:32:40	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0087.AVI	7/26/2020 7:33	7/25/2020	7:33:02	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0088.AVI	7/26/2020 7:33	7/25/2020	7:33:24	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0089.AVI	7/26/2020 7:33	7/25/2020	7:33:46	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0090.AVI	7/26/2020 7:34	7/25/2020	7:34:08	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0091.AVI	7/26/2020 7:34	7/25/2020	7:34:30	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0092.AVI	7/26/2020 7:34	7/25/2020	7:34:50	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0093.AVI	7/26/2020 7:35	7/25/2020	7:35:12	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0094.AVI	7/26/2020 7:35	7/25/2020	7:35:34	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0079.AVI	7/25/2020 13:01	7/25/2020	13:01:16	Mammal	Macaca fascicularis	2	
WS_CT_04	8/18/2020	IMG_0080.AVI	7/25/2020 13:28	7/25/2020	13:28:06	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0081.AVI	7/25/2020 13:28	7/25/2020	13:28:30	Mammal	Macaca fascicularis	2	
WS_CT_04	8/18/2020	IMG_0095.AVI	7/26/2020 8:30	7/26/2020	8:30:04	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0096.AVI	7/26/2020 8:41	7/26/2020	8:41:14	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0097.AVI	7/26/2020 9:12	7/26/2020	9:12:00	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0098.AVI	7/26/2020 9:12	7/26/2020	9:12:24	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0099.AVI	7/26/2020 10:45	7/26/2020	10:45:26	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0100.AVI	7/26/2020 11:02	7/26/2020	11:02:04	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0101.AVI	7/26/2020 13:01	7/26/2020	13:01:34	Bird	Gallus gallus	2	
WS_CT_04	8/18/2020	IMG_0102 2 of 2.	7/26/2020 17:55	7/26/2020	17:55:18	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0102 1 of 2.	7/26/2020 17:55	7/26/2020	17:55:18	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0103.AVI	7/27/2020 15:43	7/27/2020	15:43:08	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0104.AVI	7/27/2020 15:52	7/27/2020	15:52:28	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0105.AVI	7/27/2020 16:12	7/27/2020	16:12:44	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0106.AVI	7/27/2020 17:45	7/27/2020	17:45:58	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0107.AVI	7/27/2020 19:02	7/27/2020	19:02:40	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0116.AVI	7/29/2020 7:20	7/28/2020	7:20:34	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0117.AVI	7/29/2020 7:34	7/28/2020	7:34:44	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	8/18/2020	IMG_0108.AVI	7/28/2020 8:41	7/28/2020	8:41:10	Mammal	Sus scrofa	2	
WS_CT_04	8/18/2020	IMG_0110.AVI	7/28/2020 13:05	7/28/2020	13:05:52	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0111.AVI	7/28/2020 13:08	7/28/2020	13:08:38	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0112.AVI	7/28/2020 13:09	7/28/2020	13:09:14	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0113.AVI	7/28/2020 13:32	7/28/2020	13:32:10	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0114.AVI	7/28/2020 16:59	7/28/2020	16:59:06	Bird	Gallus gallus	2	
WS_CT_04	8/18/2020	IMG_0118.AVI	7/29/2020 11:49	7/29/2020	11:49:34	Bird	Gallus gallus	2	
WS_CT_04	8/18/2020	IMG_0119.AVI	7/29/2020 13:20	7/29/2020	13:20:02	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0120.AVI	7/29/2020 13:23	7/29/2020	13:23:56	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0121.AVI	7/29/2020 13:30	7/29/2020	13:30:22	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0122.AVI	7/29/2020 13:31	7/29/2020	13:31:16	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0128.AVI	7/31/2020 7:41	7/30/2020	7:41:00	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0123.AVI	7/30/2020 11:56	7/30/2020	11:56:02	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0124.AVI	7/30/2020 12:56	7/30/2020	12:56:24	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0125.AVI	7/30/2020 18:33	7/30/2020	18:33:48	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0126.AVI	7/30/2020 20:52	7/30/2020	20:52:28	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0127.AVI	7/30/2020 21:16	7/30/2020	21:16:44	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0135.AVI	8/1/2020 7:31	7/31/2020	7:31:58	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0136.AVI	8/1/2020 7:57	7/31/2020	7:57:42	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0129.AVI	7/31/2020 8:59	7/31/2020	8:59:22	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0130.AVI	7/31/2020 9:37	7/31/2020	9:37:16	Bird	Gallus gallus	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_04	8/18/2020	IMG_0131.AVI	7/31/2020 13:23	7/31/2020	13:23:28	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0132.AVI	7/31/2020 14:02	7/31/2020	14:02:56	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0133.AVI	7/31/2020 15:55	7/31/2020	15:55:46	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0134.AVI	7/31/2020 18:35	7/31/2020	18:35:24	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0155.AVI	8/2/2020 0:17	8/1/2020	0:17:38	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0156.AVI	8/2/2020 7:42	8/1/2020	7:42:08	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0137.AVI	8/1/2020 8:06	8/1/2020	8:06:22	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0138.AVI	8/1/2020 10:31	8/1/2020	10:31:16	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0139.AVI	8/1/2020 10:43	8/1/2020	10:43:54	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0140.AVI	8/1/2020 11:54	8/1/2020	11:54:20	Mammal	Callosciurus notatus	2	
WS_CT_04	8/18/2020	IMG_0142.AVI	8/1/2020 15:19	8/1/2020	15:19:10	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0143.AVI	8/1/2020 15:40	8/1/2020	15:40:38	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0144.AVI	8/1/2020 16:43	8/1/2020	16:43:12	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0145.AVI	8/1/2020 16:44	8/1/2020	16:44:06	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0146.AVI	8/1/2020 17:02	8/1/2020	17:02:50	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0147.AVI	8/1/2020 18:17	8/1/2020	18:17:54	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0149.AVI	8/1/2020 20:45	8/1/2020	20:45:08	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0150.AVI	8/1/2020 20:46	8/1/2020	20:46:10	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0151.AVI	8/1/2020 21:38	8/1/2020	21:38:44	Mammal	Sus scrofa	2	
WS_CT_04	8/18/2020	IMG_0152.AVI	8/1/2020 21:39	8/1/2020	21:39:06	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0153.AVI	8/1/2020 22:35	8/1/2020	22:35:16	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0154.AVI	8/1/2020 22:35	8/1/2020	22:35:38	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0157.AVI	8/2/2020 9:15	8/2/2020	9:15:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	8/18/2020	IMG_0158.AVI	8/2/2020 11:18	8/2/2020	11:18:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	8/18/2020	IMG_0159.AVI	8/2/2020 11:19	8/2/2020	11:19:32	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0160.AVI	8/2/2020 11:20	8/2/2020	11:20:38	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0161.AVI	8/2/2020 11:27	8/2/2020	11:27:32	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0162.AVI	8/2/2020 12:27	8/2/2020	12:27:56	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0163.AVI	8/2/2020 13:44	8/2/2020	13:44:48	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0164.AVI	8/2/2020 13:54	8/2/2020	13:54:42	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0165.AVI	8/2/2020 13:55	8/2/2020	13:55:16	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0166.AVI	8/2/2020 15:58	8/2/2020	15:58:18	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0167.AVI	8/2/2020 16:00	8/2/2020	16:00:42	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0168.AVI	8/2/2020 16:35	8/2/2020	16:35:48	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0169.AVI	8/2/2020 16:36	8/2/2020	16:36:30	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0170.AVI	8/2/2020 18:37	8/2/2020	18:37:04	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0171.AVI	8/2/2020 18:40	8/2/2020	18:40:28	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0172.AVI	8/2/2020 19:45	8/2/2020	19:45:54	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0173.AVI	8/2/2020 19:46	8/2/2020	19:46:14	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0174.AVI	8/2/2020 20:01	8/2/2020	20:01:48	Mammal	Sus scrofa	2	Two young (faint stripes)
WS_CT_04	8/18/2020	IMG_0175.AVI	8/2/2020 20:02	8/2/2020	20:02:42	Mammal	Sus scrofa	2	Two young (faint stripes)
WS_CT_04	8/18/2020	IMG_0176.AVI	8/2/2020 20:03	8/2/2020	20:03:10	Mammal	Sus scrofa	2	Adult with young (faint stripes)
WS_CT_04	8/18/2020	IMG_0177.AVI	8/2/2020 20:03	8/2/2020	20:03:42	Mammal	Sus scrofa	2	Adult with young (faint stripes)
WS_CT_04	8/18/2020	IMG_0178.AVI	8/2/2020 20:09	8/2/2020	20:09:18	Mammal	Sus scrofa	2	Two young (faint stripes)
WS_CT_04	8/18/2020	IMG_0179.AVI	8/2/2020 20:09	8/2/2020	20:09:40	Mammal	Sus scrofa	2	Two young (faint stripes)
WS_CT_04	8/18/2020	IMG_0180.AVI	8/2/2020 21:29	8/2/2020	21:29:32	Mammal	Sus scrofa	3	Three young (faint stripes)
WS_CT_04	8/18/2020	IMG_0193.AVI	8/4/2020 1:07	8/3/2020	1:07:50	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0194.AVI	8/4/2020 1:54	8/3/2020	1:54:40	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0195.AVI	8/4/2020 1:55	8/3/2020	1:55:02	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0196.AVI	8/4/2020 3:17	8/3/2020	3:17:04	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0197.AVI	8/4/2020 3:17	8/3/2020	3:17:26	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0198.AVI	8/4/2020 3:17	8/3/2020	3:17:48	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0199.AVI	8/4/2020 3:18	8/3/2020	3:18:08	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0200.AVI	8/4/2020 3:18	8/3/2020	3:18:30	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0201.AVI	8/4/2020 3:18	8/3/2020	3:18:52	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0202.AVI	8/4/2020 3:19	8/3/2020	3:19:14	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0203.AVI	8/4/2020 3:19	8/3/2020	3:19:36	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0204.AVI	8/4/2020 3:19	8/3/2020	3:19:58	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0205.AVI	8/4/2020 3:20	8/3/2020	3:20:18	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0206.AVI	8/4/2020 3:20	8/3/2020	3:20:40	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0207.AVI	8/4/2020 3:21	8/3/2020	3:21:02	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0208.AVI	8/4/2020 3:21	8/3/2020	3:21:24	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0209.AVI	8/4/2020 3:21	8/3/2020	3:21:48	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0210.AVI	8/4/2020 3:22	8/3/2020	3:22:10	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0211.AVI	8/4/2020 7:06	8/3/2020	7:06:58	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0181.AVI	8/3/2020 10:59	8/3/2020	10:59:46	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0182.AVI	8/3/2020 11:00	8/3/2020	11:00:50	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0184.AVI	8/3/2020 13:48	8/3/2020	13:48:52	Mammal	Callosciurus notatus	2	
WS_CT_04	8/18/2020	IMG_0186.AVI	8/3/2020 14:41	8/3/2020	14:41:58	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0187.AVI	8/3/2020 14:49	8/3/2020	14:49:20	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	8/18/2020	IMG_0188.AVI	8/3/2020 14:58	8/3/2020	14:58:06	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0189.AVI	8/3/2020 17:10	8/3/2020	17:10:32	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0190.AVI	8/3/2020 18:46	8/3/2020	18:46:36	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0191.AVI	8/3/2020 19:46	8/3/2020	19:46:32	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0192.AVI	8/3/2020 19:59	8/3/2020	19:59:00	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0214.AVI	8/4/2020 9:14	8/4/2020	9:14:20	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0215.AVI	8/4/2020 10:24	8/4/2020	10:24:12	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0216.AVI	8/4/2020 10:55	8/4/2020	10:55:48	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0217.AVI	8/4/2020 10:56	8/4/2020	10:56:12	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0218.AVI	8/4/2020 10:56	8/4/2020	10:56:34	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0219.AVI	8/4/2020 10:57	8/4/2020	10:57:14	Bird	Gallus gallus	2	
WS_CT_04	8/18/2020	IMG_0220.AVI	8/4/2020 10:59	8/4/2020	10:59:32	Bird	Gallus gallus	2	
WS_CT_04	8/18/2020	IMG_0221.AVI	8/4/2020 11:00	8/4/2020	11:00:04	Bird	Gallus gallus	2	
WS_CT_04	8/18/2020	IMG_0222.AVI	8/4/2020 14:47	8/4/2020	14:47:48	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0223.AVI	8/4/2020 17:06	8/4/2020	17:06:36	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0224.AVI	8/4/2020 17:58	8/4/2020	17:58:56	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_04	8/18/2020	IMG_0225.AVI	8/4/2020 18:34	8/4/2020	18:34:54	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0226.AVI	8/4/2020 21:58	8/4/2020	21:58:40	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0227.AVI	8/5/2020 11:22	8/5/2020	11:22:22	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0228.AVI	8/5/2020 12:18	8/5/2020	12:18:56	Bird	Pycnonotus goiavier	1	
WS_CT_04	8/18/2020	IMG_0229.AVI	8/6/2020 14:44	8/6/2020	14:44:12	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0230.AVI	8/6/2020 15:54	8/6/2020	15:54:40	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0231.AVI	8/6/2020 22:37	8/6/2020	22:37:34	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0239.AVI	8/8/2020 0:49	8/7/2020	0:49:02	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0240.AVI	8/8/2020 0:49	8/7/2020	0:49:36	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0232.AVI	8/7/2020 12:52	8/7/2020	12:52:54	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0233.AVI	8/7/2020 12:59	8/7/2020	12:59:58	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0234.AVI	8/7/2020 15:26	8/7/2020	15:26:10	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0235.AVI	8/7/2020 19:55	8/7/2020	19:55:12	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0236.AVI	8/7/2020 19:55	8/7/2020	19:55:32	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0237.AVI	8/7/2020 20:13	8/7/2020	20:13:10	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0241.AVI	8/8/2020 8:21	8/8/2020	8:21:14	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0242.AVI	8/8/2020 10:29	8/8/2020	10:29:26	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0243.AVI	8/8/2020 11:10	8/8/2020	11:10:58	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0244.AVI	8/8/2020 13:56	8/8/2020	13:56:36	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0245.AVI	8/8/2020 16:02	8/8/2020	16:02:50	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0246.AVI	8/8/2020 16:18	8/8/2020	16:18:32	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0247.AVI	8/8/2020 18:04	8/8/2020	18:04:42	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0248.AVI	8/8/2020 20:55	8/8/2020	20:55:52	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0252.AVI	8/9/2020 13:41	8/9/2020	13:41:46	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0253.AVI	8/9/2020 16:48	8/9/2020	16:48:04	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0254.AVI	8/9/2020 17:29	8/9/2020	17:29:40	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0261.AVI	8/11/2020 6:06	8/10/2020	6:06:28	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0256.AVI	8/10/2020 17:23	8/10/2020	17:23:12	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0257.AVI	8/10/2020 18:42	8/10/2020	18:42:48	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0258.AVI	8/10/2020 18:45	8/10/2020	18:45:10	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0259.AVI	8/10/2020 19:29	8/10/2020	19:29:58	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0260.AVI	8/10/2020 19:40	8/10/2020	19:40:34	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0267.AVI	8/12/2020 7:43	8/11/2020	7:43:16	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0268.AVI	8/12/2020 7:47	8/11/2020	7:47:10	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0263.AVI	8/11/2020 17:59	8/11/2020	17:59:50	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0264.AVI	8/11/2020 18:01	8/11/2020	18:01:10	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0265.AVI	8/11/2020 20:25	8/11/2020	20:25:54	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0266.AVI	8/11/2020 20:29	8/11/2020	20:29:04	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0269.AVI	8/12/2020 15:09	8/12/2020	15:09:36	Bird	Gallus gallus	2	
WS_CT_04	8/18/2020	IMG_0270.AVI	8/12/2020 21:02	8/12/2020	21:02:34	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0271.AVI	8/13/2020 8:27	8/13/2020	8:27:54	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0272.AVI	8/13/2020 8:28	8/13/2020	8:28:24	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0273.AVI	8/13/2020 13:53	8/13/2020	13:53:24	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0274.AVI	8/13/2020 14:12	8/13/2020	14:12:16	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0275.AVI	8/13/2020 14:50	8/13/2020	14:50:58	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0276.AVI	8/13/2020 19:07	8/13/2020	19:07:04	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0278.AVI	8/13/2020 20:09	8/13/2020	20:09:58	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0284.AVI	8/15/2020 7:50	8/14/2020	7:50:34	Mammal	Unidentified squirrel or shrew	1	
WS_CT_04	8/18/2020	IMG_0281.AVI	8/14/2020 13:39	8/14/2020	13:39:58	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0282.AVI	8/14/2020 15:59	8/14/2020	15:59:26	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0283.AVI	8/14/2020 19:17	8/14/2020	19:17:30	Bird	Caprimulgus sp.	1	
WS_CT_04	8/18/2020	IMG_0292.AVI	8/16/2020 7:15	8/15/2020	7:15:36	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0285.AVI	8/15/2020 9:11	8/15/2020	9:11:00	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0286.AVI	8/15/2020 13:04	8/15/2020	13:04:00	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0287.AVI	8/15/2020 13:32	8/15/2020	13:32:34	Mammal	Macaca fascicularis	2	
WS_CT_04	8/18/2020	IMG_0288.AVI	8/15/2020 13:33	8/15/2020	13:33:26	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0289.AVI	8/15/2020 13:34	8/15/2020	13:34:02	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0290.AVI	8/15/2020 13:36	8/15/2020	13:36:38	Mammal	Macaca fascicularis	1	
WS_CT_04	8/18/2020	IMG_0291.AVI	8/15/2020 19:07	8/15/2020	19:07:56	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0303.AVI	8/17/2020 0:07	8/16/2020	0:07:46	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0304.AVI	8/17/2020 7:33	8/16/2020	7:33:52	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0293.AVI	8/16/2020 10:33	8/16/2020	10:33:56	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0294.AVI	8/16/2020 14:37	8/16/2020	14:37:10	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0295.AVI	8/16/2020 15:14	8/16/2020	15:14:34	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0296.AVI	8/16/2020 17:27	8/16/2020	17:27:08	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0297.AVI	8/16/2020 17:28	8/16/2020	17:28:48	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0298.AVI	8/16/2020 18:29	8/16/2020	18:29:22	Mammal	Callosciurus notatus	1	
WS_CT_04	8/18/2020	IMG_0299.AVI	8/16/2020 21:08	8/16/2020	21:08:40	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0300.AVI	8/16/2020 21:09	8/16/2020	21:09:02	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0301.AVI	8/16/2020 21:09	8/16/2020	21:09:26	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0305.AVI	8/17/2020 10:24	8/17/2020	10:24:28	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0306.AVI	8/17/2020 10:24	8/17/2020	10:24:52	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0307.AVI	8/17/2020 10:25	8/17/2020	10:25:14	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0308.AVI	8/17/2020 10:32	8/17/2020	10:32:40	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0309.AVI	8/17/2020 10:35	8/17/2020	10:35:28	Bird	Gallus gallus	1	
WS_CT_04	8/18/2020	IMG_0310.AVI	8/17/2020 12:23	8/17/2020	12:23:34	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0311.AVI	8/17/2020 12:28	8/17/2020	12:28:22	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0312.AVI	8/17/2020 17:47	8/17/2020	17:47:20	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0313.AVI	8/17/2020 17:48	8/17/2020	17:48:22	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0314.AVI	8/17/2020 19:10	8/17/2020	19:10:16	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0315.AVI	8/17/2020 19:11	8/17/2020	19:11:00	Mammal	Sus scrofa	1	
WS_CT_04	8/18/2020	IMG_0316.AVI	8/17/2020 19:11	8/17/2020	19:11:22	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0005.AVI	6/4/2020 18:40	6/4/2020	18:40:16	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0006.AVI	6/4/2020 20:37	6/4/2020	20:37:48	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0007.AVI	6/4/2020 20:38	6/4/2020	20:38:16	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0008.AVI	6/4/2020 23:51	6/4/2020	23:51:04	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_05	8/7/2020	IMG_0009.AVI	6/5/2020 1:30	6/5/2020	1:30:04	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0010.AVI	6/5/2020 3:56	6/5/2020	3:56:06	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0011.AVI	6/5/2020 16:48	6/5/2020	16:48:34	Mammal	Unidentified squirrel or shrew	1	
WS_CT_05	8/7/2020	IMG_0012.AVI	6/6/2020 7:00	6/6/2020	7:00:40	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0013.AVI	6/6/2020 15:05	6/6/2020	15:05:44	Mammal	Sus scrofa	2	1 piglet
WS_CT_05	8/7/2020	IMG_0015.AVI	6/7/2020 12:36	6/7/2020	12:36:24	Bird	Gallus gallus	1	
WS_CT_05	8/7/2020	IMG_0016.AVI	6/8/2020 0:30	6/8/2020	0:30:06	Mammal	Sus scrofa	1	1 piglet
WS_CT_05	8/7/2020	IMG_0017.AVI	6/8/2020 0:30	6/8/2020	0:30:36	Mammal	Sus scrofa	1	1 piglet
WS_CT_05	8/7/2020	IMG_0018.AVI	6/8/2020 0:38	6/8/2020	0:38:58	Mammal	Sus scrofa	1	1 piglet
WS_CT_05	8/7/2020	IMG_0019.AVI	6/8/2020 0:47	6/8/2020	0:47:18	Mammal	Sus scrofa	1	1 piglet
WS_CT_05	8/7/2020	IMG_0020.AVI	6/8/2020 20:19	6/8/2020	20:19:14	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0021.AVI	6/8/2020 21:42	6/8/2020	21:42:00	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0023.AVI	6/9/2020 5:49	6/9/2020	5:49:20	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0024.AVI	6/9/2020 5:49	6/9/2020	5:49:40	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0026.AVI	6/10/2020 7:55	6/10/2020	7:55:02	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0027.AVI	6/10/2020 7:55	6/10/2020	7:55:22	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0028.AVI	6/10/2020 23:40	6/10/2020	23:40:54	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0029.AVI	6/10/2020 23:41	6/10/2020	23:41:36	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0030.AVI	6/10/2020 23:41	6/10/2020	23:41:56	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0033.AVI	6/12/2020 21:06	6/12/2020	21:06:14	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0034.AVI	6/13/2020 1:26	6/13/2020	1:26:40	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0035.AVI	6/13/2020 6:51	6/13/2020	6:51:12	Mammal	Sus scrofa	2	1 piglet
WS_CT_05	8/7/2020	IMG_0036.AVI	6/13/2020 6:51	6/13/2020	6:51:32	Mammal	Sus scrofa	5	2 piglets
WS_CT_05	8/7/2020	IMG_0037.AVI	6/13/2020 8:30	6/13/2020	8:30:46	Mammal	Callosciurus notatus	1	Holding nesting material in mouth
WS_CT_05	8/7/2020	IMG_0038.AVI	6/13/2020 19:37	6/13/2020	19:37:24	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0039.AVI	6/14/2020 0:12	6/14/2020	0:12:36	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0040.AVI	6/14/2020 4:31	6/14/2020	4:31:52	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0041.AVI	6/14/2020 6:34	6/14/2020	6:34:14	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0042.AVI	6/14/2020 6:38	6/14/2020	6:38:36	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0044.AVI	6/14/2020 7:28	6/14/2020	7:28:46	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0045.AVI	6/14/2020 9:49	6/14/2020	9:49:12	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0046.AVI	6/14/2020 13:04	6/14/2020	13:04:54	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0047.AVI	6/15/2020 2:35	6/15/2020	2:35:38	NA	Unidentified sp.	1	
WS_CT_05	8/7/2020	IMG_0048.AVI	6/15/2020 7:05	6/15/2020	7:05:32	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0049.AVI	6/15/2020 7:14	6/15/2020	7:14:32	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0050.AVI	6/15/2020 16:18	6/15/2020	16:18:50	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0051.AVI	6/15/2020 18:43	6/15/2020	18:43:00	Mammal	Callosciurus notatus	1	
WS_CT_05	8/7/2020	IMG_0052.AVI	6/16/2020 21:35	6/16/2020	21:35:44	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0053.AVI	6/17/2020 3:11	6/17/2020	3:11:48	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0054.AVI	6/17/2020 3:59	6/17/2020	3:59:26	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0055.AVI	6/17/2020 5:23	6/17/2020	5:23:16	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0056.AVI	6/17/2020 6:46	6/17/2020	6:46:44	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0057.AVI	6/17/2020 9:47	6/17/2020	9:47:48	Mammal	Callosciurus notatus	1	
WS_CT_05	8/7/2020	IMG_0059.AVI	6/18/2020 8:35	6/18/2020	8:35:30	Mammal	Callosciurus notatus	1	Holding nesting material in mouth
WS_CT_05	8/7/2020	IMG_0060.AVI	6/18/2020 12:35	6/18/2020	12:35:10	Bird	Unidentified bird	1	
WS_CT_05	8/7/2020	IMG_0061.AVI	6/18/2020 13:34	6/18/2020	13:34:16	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0062.AVI	6/18/2020 18:04	6/18/2020	18:04:40	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0063.AVI	6/18/2020 18:05	6/18/2020	18:05:52	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0064.AVI	6/18/2020 18:07	6/18/2020	18:07:18	Mammal	Sus scrofa	1	1 piglet
WS_CT_05	8/7/2020	IMG_0065.AVI	6/18/2020 23:48	6/18/2020	23:48:40	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0066.AVI	6/19/2020 8:06	6/19/2020	8:06:06	Mammal	Callosciurus notatus	1	
WS_CT_05	8/7/2020	IMG_0067.AVI	6/19/2020 22:21	6/19/2020	22:21:32	Mammal	Sus scrofa	6	3 piglets
WS_CT_05	8/7/2020	IMG_0068.AVI	6/19/2020 23:26	6/19/2020	23:26:30	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0070.AVI	6/20/2020 2:07	6/20/2020	2:07:20	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0071.AVI	6/20/2020 2:56	6/20/2020	2:56:28	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0072.AVI	6/20/2020 6:32	6/20/2020	6:32:00	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0073.AVI	6/20/2020 7:47	6/20/2020	7:47:52	Mammal	Callosciurus notatus	1	Holding nesting material in mouth
WS_CT_05	8/7/2020	IMG_0074.AVI	6/20/2020 7:56	6/20/2020	7:56:02	Mammal	Callosciurus notatus	1	
WS_CT_05	8/7/2020	IMG_0075.AVI	6/20/2020 7:58	6/20/2020	7:58:58	Mammal	Callosciurus notatus	1	Holding nesting material in mouth
WS_CT_05	8/7/2020	IMG_0076.AVI	6/20/2020 8:14	6/20/2020	8:14:26	Mammal	Callosciurus notatus	1	
WS_CT_05	8/7/2020	IMG_0077.AVI	6/20/2020 10:41	6/20/2020	10:41:28	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0079.AVI	6/21/2020 5:05	6/21/2020	5:05:24	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0080.AVI	6/21/2020 5:31	6/21/2020	5:31:14	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0081.AVI	6/21/2020 14:09	6/21/2020	14:09:52	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0082.AVI	6/21/2020 14:10	6/21/2020	14:10:42	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0083.AVI	6/22/2020 1:49	6/22/2020	1:49:50	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0084.AVI	6/22/2020 11:33	6/22/2020	11:33:04	Mammal	Sus scrofa	2	1 piglet
WS_CT_05	8/7/2020	IMG_0085.AVI	6/22/2020 20:11	6/22/2020	20:11:48	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0086.AVI	6/22/2020 23:53	6/22/2020	23:53:22	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0089.AVI	6/23/2020 9:43	6/23/2020	9:43:00	Bird	Gallus gallus	3	
WS_CT_05	8/7/2020	IMG_0090.AVI	6/24/2020 11:00	6/24/2020	11:00:42	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0091.AVI	6/24/2020 18:29	6/24/2020	18:29:34	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0092.AVI	6/24/2020 18:37	6/24/2020	18:37:00	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0093.AVI	6/25/2020 2:34	6/25/2020	2:34:24	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0095.AVI	6/25/2020 5:00	6/25/2020	5:00:52	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0096.AVI	6/25/2020 6:38	6/25/2020	6:38:30	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0097.AVI	6/25/2020 9:06	6/25/2020	9:06:54	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0098.AVI	6/25/2020 20:31	6/25/2020	20:31:38	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0099.AVI	6/25/2020 20:31	6/25/2020	20:31:58	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0101.AVI	6/26/2020 17:58	6/26/2020	17:58:48	Mammal	Callosciurus notatus	1	
WS_CT_05	8/7/2020	IMG_0102.AVI	6/26/2020 18:17	6/26/2020	18:17:18	Mammal	Callosciurus notatus	1	Holding nesting material in mouth

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_05	8/7/2020	IMG_0104.AVI	6/27/2020 11:28	6/27/2020	11:28:18	Mammal	Callosciurus notatus	1	
WS_CT_05	8/7/2020	IMG_0105.AVI	6/27/2020 13:21	6/27/2020	13:21:36	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0106.AVI	6/28/2020 0:34	6/28/2020	0:34:02	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0107.AVI	6/28/2020 1:50	6/28/2020	1:50:36	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0108.AVI	6/28/2020 22:26	6/28/2020	22:26:16	Mammal	Sus scrofa	4	2 piglets
WS_CT_05	8/7/2020	IMG_0110.AVI	6/29/2020 6:56	6/29/2020	6:56:48	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0111.AVI	6/29/2020 6:57	6/29/2020	6:57:10	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0119.AVI	7/6/2020 13:37	7/6/2020	13:37:32	Mammal	Callosciurus notatus	1	
WS_CT_05	8/7/2020	IMG_0120.AVI	7/6/2020 18:26	7/6/2020	18:26:20	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0121.AVI	7/7/2020 11:54	7/7/2020	11:54:42	Mammal	Macaca fascicularis	1	Interaction with camera
WS_CT_05	8/7/2020	IMG_0122.AVI	7/7/2020 11:55	7/7/2020	11:55:06	Mammal	Macaca fascicularis	1	
WS_CT_05	8/7/2020	IMG_0124.AVI	7/8/2020 16:50	7/8/2020	16:50:12	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0125.AVI	7/13/2020 7:29	7/13/2020	7:29:20	Mammal	Sus scrofa	2	
WS_CT_05	8/7/2020	IMG_0126.AVI	7/15/2020 12:46	7/15/2020	12:46:10	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0127.AVI	7/15/2020 18:15	7/15/2020	18:15:48	Mammal	Sus scrofa	3	
WS_CT_05	8/7/2020	IMG_0128.AVI	7/17/2020 3:03	7/17/2020	3:03:52	Mammal	Rattus sp.	1	
WS_CT_05	8/7/2020	IMG_0129.AVI	7/17/2020 16:44	7/17/2020	16:44:34	Mammal	Macaca fascicularis	1	Interaction with camera
WS_CT_05	8/7/2020	IMG_0130.AVI	7/17/2020 16:45	7/17/2020	16:45:24	Mammal	Macaca fascicularis	1	Feeding
WS_CT_05	8/7/2020	IMG_0131.AVI	7/17/2020 16:46	7/17/2020	16:46:30	Mammal	Macaca fascicularis	1	Interaction with camera
WS_CT_05	8/7/2020	IMG_0132.AVI	7/17/2020 16:46	7/17/2020	16:46:52	Mammal	Macaca fascicularis	2	
WS_CT_05	8/7/2020	IMG_0134.AVI	7/17/2020 16:50	7/17/2020	16:50:06	Mammal	Macaca fascicularis	1	Interaction with camera
WS_CT_05	8/7/2020	IMG_0135.AVI	7/17/2020 16:50	7/17/2020	16:50:32	Mammal	Macaca fascicularis	1	Interaction with camera
WS_CT_05	8/7/2020	IMG_0136.AVI	7/17/2020 16:54	7/17/2020	16:54:40	Mammal	Macaca fascicularis	1	
WS_CT_05	8/7/2020	IMG_0137.AVI	7/17/2020 17:29	7/17/2020	17:29:20	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0138.AVI	7/19/2020 10:43	7/19/2020	10:43:00	Bird	Chalcophaps indica	1	
WS_CT_05	8/7/2020	IMG_0139.AVI	7/20/2020 8:44	7/20/2020	8:44:16	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0140.AVI	7/23/2020 2:38	7/23/2020	2:38:36	Mammal	Rattus sp.	1	
WS_CT_05	8/7/2020	IMG_0141.AVI	7/23/2020 8:34	7/23/2020	8:34:54	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0142.AVI	7/23/2020 15:13	7/23/2020	15:13:06	NA	Unidentified sp.	1	
WS_CT_05	8/7/2020	IMG_0143.AVI	7/24/2020 18:11	7/24/2020	18:11:30	NA	Unidentified sp.	1	
WS_CT_05	8/7/2020	IMG_0144.AVI	7/25/2020 19:39	7/25/2020	19:39:40	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0145.AVI	7/27/2020 14:44	7/27/2020	14:44:26	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0146.AVI	7/29/2020 2:29	7/29/2020	2:29:30	Mammal	Rattus sp.	1	
WS_CT_05	8/7/2020	IMG_0147.AVI	7/30/2020 19:21	7/30/2020	19:21:46	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0148.AVI	8/2/2020 0:43	8/2/2020	0:43:02	Mammal	Paradoxurus musangus	1	
WS_CT_05	8/7/2020	IMG_0149.AVI	8/2/2020 0:43	8/2/2020	0:43:24	Mammal	Paradoxurus musangus	1	
WS_CT_05	8/7/2020	IMG_0150.AVI	8/5/2020 23:44	8/5/2020	23:44:02	Mammal	Sus scrofa	1	
WS_CT_05	8/7/2020	IMG_0151.AVI	8/6/2020 16:32	8/6/2020	16:32:22	Reptile	Varanus sp.	1	
WS_CT_05	9/8/2020	IMG_0006.AVI	8/7/2020 15:45	8/7/2020	15:45:34	Mammal	Sus scrofa	4	4 piglets
WS_CT_05	9/8/2020	IMG_0008.AVI	8/8/2020 17:50	8/8/2020	17:50:40	Mammal	Tupaia glis	1	
WS_CT_05	9/8/2020	IMG_0009.AVI	8/8/2020 17:51	8/8/2020	17:51:04	Mammal	Tupaia glis	1	
WS_CT_05	9/8/2020	IMG_0010.AVI	8/9/2020 16:04	8/9/2020	16:04:20	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0011.AVI	8/9/2020 16:16	8/9/2020	16:16:38	Reptile	Varanus sp.	1	Varanus salvator?
WS_CT_05	9/8/2020	IMG_0012.AVI	8/9/2020 16:44	8/9/2020	16:44:18	Reptile	Varanus sp.	1	Varanus salvator?
WS_CT_05	9/8/2020	IMG_0013.AVI	8/10/2020 17:40	8/10/2020	17:40:48	NA	Unidentified sp.	1	
WS_CT_05	9/8/2020	IMG_0014.AVI	8/11/2020 10:08	8/11/2020	10:08:34	Mammal	Macaca fascicularis	2	
WS_CT_05	9/8/2020	IMG_0015.AVI	8/11/2020 10:16	8/11/2020	10:16:48	Mammal	Macaca fascicularis	2	
WS_CT_05	9/8/2020	IMG_0016.AVI	8/11/2020 10:18	8/11/2020	10:18:16	Mammal	Macaca fascicularis	2	
WS_CT_05	9/8/2020	IMG_0017.AVI	8/11/2020 10:20	8/11/2020	10:20:32	Mammal	Macaca fascicularis	2	Interaction with camera
WS_CT_05	9/8/2020	IMG_0018.AVI	8/11/2020 10:21	8/11/2020	10:21:02	Mammal	Macaca fascicularis	1	
WS_CT_05	9/8/2020	IMG_0019.AVI	8/11/2020 10:21	8/11/2020	10:21:36	Mammal	Macaca fascicularis	1	
WS_CT_05	9/8/2020	IMG_0020.AVI	8/11/2020 14:28	8/11/2020	14:28:42	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0021.AVI	8/11/2020 18:07	8/11/2020	18:07:42	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0022.AVI	8/14/2020 12:59	8/14/2020	12:59:10	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0023.AVI	8/14/2020 17:22	8/14/2020	17:22:20	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0025.AVI	8/15/2020 13:57	8/15/2020	13:57:08	Mammal	Macaca fascicularis	2	
WS_CT_05	9/8/2020	IMG_0026.AVI	8/15/2020 15:00	8/15/2020	15:00:38	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0027.AVI	8/15/2020 15:25	8/15/2020	15:25:38	Mammal	Sus scrofa	1	1 piglet
WS_CT_05	9/8/2020	IMG_0028.AVI	8/15/2020 18:53	8/15/2020	18:53:06	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0029.AVI	8/16/2020 1:13	8/16/2020	1:13:16	Mammal	Rattus sp.	1	
WS_CT_05	9/8/2020	IMG_0030.AVI	8/16/2020 17:55	8/16/2020	17:55:48	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0031.AVI	8/18/2020 20:43	8/18/2020	20:43:22	Mammal	Rattus sp.	1	
WS_CT_05	9/8/2020	IMG_0032.AVI	8/18/2020 20:51	8/18/2020	20:51:14	Mammal	Rattus sp.	1	
WS_CT_05	9/8/2020	IMG_0033.AVI	8/18/2020 23:22	8/18/2020	23:22:30	Mammal	Rattus sp.	1	
WS_CT_05	9/8/2020	IMG_0034.AVI	8/20/2020 5:33	8/20/2020	5:33:56	Mammal	Rattus sp.	1	
WS_CT_05	9/8/2020	IMG_0036.AVI	8/20/2020 19:04	8/20/2020	19:04:28	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0037.AVI	8/23/2020 4:52	8/23/2020	4:52:08	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0038.AVI	8/23/2020 14:44	8/23/2020	14:44:38	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0039.AVI	8/23/2020 16:51	8/23/2020	16:51:52	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0040.AVI	8/24/2020 14:11	8/24/2020	14:11:08	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0041.AVI	8/25/2020 12:45	8/25/2020	12:45:44	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0043.AVI	8/25/2020 19:25	8/25/2020	19:25:28	Mammal	Sus scrofa	1	Interaction with camera
WS_CT_05	9/8/2020	IMG_0044.AVI	8/25/2020 19:31	8/25/2020	19:31:36	Mammal	Sus scrofa	2	
WS_CT_05	9/8/2020	IMG_0045.AVI	8/28/2020 18:53	8/28/2020	18:53:36	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0046.AVI	8/30/2020 8:39	8/30/2020	8:39:20	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0049.AVI	9/1/2020 16:06	9/1/2020	16:06:44	Reptile	Varanus sp.	1	Varanus salvator?
WS_CT_05	9/8/2020	IMG_0050.AVI	9/4/2020 12:21	9/4/2020	12:21:10	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0051.AVI	9/6/2020 9:15	9/6/2020	9:15:02	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0052.AVI	9/6/2020 12:24	9/6/2020	12:24:22	Bird	Chalcophaps indica	2	
WS_CT_05	9/8/2020	IMG_0053.AVI	9/6/2020 12:58	9/6/2020	12:58:52	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0054.AVI	9/6/2020 16:41	9/6/2020	16:41:42	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0055.AVI	9/6/2020 16:42	9/6/2020	16:42:04	Mammal	Sus scrofa	1	1 piglet
WS_CT_05	9/8/2020	IMG_0056.AVI	9/6/2020 19:42	9/6/2020	19:42:02	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0057.AVI	9/7/2020 9:29	9/7/2020	9:29:50	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0058.AVI	9/7/2020 9:30	9/7/2020	9:30:40	Mammal	Sus scrofa	1	
WS_CT_05	9/8/2020	IMG_0059.AVI	9/7/2020 15:01	9/7/2020	15:01:48	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_05	9/8/2020	IMG_0013.AVI	9/16/2020 20:25	9/16/2020	20:25:53	Mammal	Tupaia glis	1	
WS_CT_06	7/6/2020	IMG_0008.AVI	6/29/2020 14:42	6/29/2020	14:42:14	Mammal	Macaca fascicularis	1	
WS_CT_06	7/6/2020	IMG_0009.AVI	6/29/2020 14:42	6/29/2020	14:42:40	Mammal	Macaca fascicularis	1	
WS_CT_06	7/6/2020	IMG_0010.AVI	6/29/2020 14:43	6/29/2020	14:43:02	Mammal	Macaca fascicularis	1	
WS_CT_06	7/6/2020	IMG_0011.AVI	6/29/2020 14:49	6/29/2020	14:49:24	Mammal	Macaca fascicularis	1	
WS_CT_06	7/6/2020	IMG_0012.AVI	6/29/2020 14:49	6/29/2020	14:49:58	Mammal	Macaca fascicularis	3	
WS_CT_06	7/6/2020	IMG_0013.AVI	6/29/2020 14:50	6/29/2020	14:50:20	Mammal	Macaca fascicularis	1	
WS_CT_06	7/6/2020	IMG_0014.AVI	6/29/2020 14:52	6/29/2020	14:52:02	Mammal	Macaca fascicularis	1	
WS_CT_06	7/6/2020	IMG_0015.AVI	6/29/2020 15:46	6/29/2020	15:46:28	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0017.AVI	6/29/2020 17:24	6/29/2020	17:24:08	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0018.AVI	6/29/2020 17:32	6/29/2020	17:32:10	Bird	Gallus gallus	1	
WS_CT_06	7/6/2020	IMG_0018.AVI	6/29/2020 17:32	6/29/2020	17:32:10	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	7/6/2020	IMG_0019.AVI	6/29/2020 17:32	6/29/2020	17:32:32	Bird	Gallus gallus	2	
WS_CT_06	7/6/2020	IMG_0020.AVI	6/30/2020 15:30	6/30/2020	15:30:32	Bird	Unidentified bird	1	
WS_CT_06	7/6/2020	IMG_0021.AVI	7/1/2020 13:55	7/1/2020	13:55:16	Mammal	Sus scrofa	2	
WS_CT_06	7/6/2020	IMG_0022.AVI	7/1/2020 14:25	7/1/2020	14:25:42	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0023.AVI	7/1/2020 16:26	7/1/2020	16:26:14	Mammal	Sus scrofa	2	
WS_CT_06	7/6/2020	IMG_0024.AVI	7/1/2020 17:31	7/1/2020	17:31:20	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0025.AVI	7/1/2020 17:31	7/1/2020	17:31:44	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0026.AVI	7/2/2020 6:59	7/2/2020	6:59:54	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	7/6/2020	IMG_0027.AVI	7/2/2020 15:58	7/2/2020	15:58:06	Bird	Gallus gallus	2	
WS_CT_06	7/6/2020	IMG_0028.AVI	7/2/2020 15:58	7/2/2020	15:58:34	Bird	Gallus gallus	2	
WS_CT_06	7/6/2020	IMG_0029.AVI	7/2/2020 15:58	7/2/2020	15:58:56	Bird	Gallus gallus	2	
WS_CT_06	7/6/2020	IMG_0030.AVI	7/2/2020 16:03	7/2/2020	16:03:40	Mammal	Callosciurus notatus	1	
WS_CT_06	7/6/2020	IMG_0031.AVI	7/2/2020 16:27	7/2/2020	16:27:00	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	7/6/2020	IMG_0032.AVI	7/2/2020 16:28	7/2/2020	16:28:20	Mammal	Callosciurus notatus	1	
WS_CT_06	7/6/2020	IMG_0033.AVI	7/2/2020 16:30	7/2/2020	16:30:50	Mammal	Callosciurus notatus	1	
WS_CT_06	7/6/2020	IMG_0034.AVI	7/2/2020 16:40	7/2/2020	16:40:16	Mammal	Callosciurus notatus	1	
WS_CT_06	7/6/2020	IMG_0035.AVI	7/2/2020 16:41	7/2/2020	16:41:12	Mammal	Callosciurus notatus	2	
WS_CT_06	7/6/2020	IMG_0036.AVI	7/2/2020 16:41	7/2/2020	16:41:56	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	7/6/2020	IMG_0037.AVI	7/2/2020 16:42	7/2/2020	16:42:58	Mammal	Callosciurus notatus	1	
WS_CT_06	7/6/2020	IMG_0038.AVI	7/2/2020 16:43	7/2/2020	16:43:18	Mammal	Callosciurus notatus	1	
WS_CT_06	7/6/2020	IMG_0039.AVI	7/2/2020 16:46	7/2/2020	16:46:14	Mammal	Callosciurus notatus	1	
WS_CT_06	7/6/2020	IMG_0040.AVI	7/2/2020 16:46	7/2/2020	16:46:38	Mammal	Callosciurus notatus	1	
WS_CT_06	7/6/2020	IMG_0042.AVI	7/3/2020 1:42	7/3/2020	1:42:30	Mammal	Manis javanica	1	
WS_CT_06	7/6/2020	IMG_0043.AVI	7/3/2020 14:34	7/3/2020	14:34:10	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0044.AVI	7/3/2020 14:48	7/3/2020	14:48:40	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0045.AVI	7/3/2020 14:54	7/3/2020	14:54:18	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0046.AVI	7/3/2020 15:28	7/3/2020	15:28:22	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0047.AVI	7/3/2020 15:47	7/3/2020	15:47:06	Bird	Unidentified bird	1	Looks like one of the tailorbird
WS_CT_06	7/6/2020	IMG_0048.AVI	7/3/2020 16:44	7/3/2020	16:44:04	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0049.AVI	7/3/2020 20:02	7/3/2020	20:02:14	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0050.AVI	7/4/2020 8:12	7/4/2020	8:12:24	Bird	Gallus gallus	2	
WS_CT_06	7/6/2020	IMG_0051.AVI	7/4/2020 14:07	7/4/2020	14:07:34	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0052.AVI	7/4/2020 18:39	7/4/2020	18:39:54	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0053.AVI	7/5/2020 6:17	7/5/2020	6:17:54	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0054.AVI	7/5/2020 15:02	7/5/2020	15:02:42	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0055.AVI	7/5/2020 15:17	7/5/2020	15:17:48	Bird	Gallus gallus	2	
WS_CT_06	7/6/2020	IMG_0057.AVI	7/5/2020 16:10	7/5/2020	16:10:12	Mammal	Sus scrofa	1	
WS_CT_06	7/6/2020	IMG_0058.AVI	7/5/2020 19:49	7/5/2020	19:49:36	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0012.AVI	8/8/2020 6:58	8/7/2020	6:58:06	NA	Unidentified sp.	1	Likely Sus scrofa
WS_CT_06	8/20/2020	IMG_0013.AVI	8/8/2020 7:46	8/7/2020	7:46:26	Bird	Gallus gallus	1	
WS_CT_06	8/20/2020	IMG_0007.AVI	8/7/2020 13:51	8/7/2020	13:51:18	Mammal	Callosciurus notatus	1	
WS_CT_06	8/20/2020	IMG_0008.AVI	8/7/2020 14:27	8/7/2020	14:27:56	Mammal	Callosciurus notatus	1	
WS_CT_06	8/20/2020	IMG_0010.AVI	8/7/2020 17:55	8/7/2020	17:55:10	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0011.AVI	8/7/2020 18:14	8/7/2020	18:14:48	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0018.AVI	8/8/2020 10:37	8/8/2020	10:37:50	Mammal	Tupaia glis	1	
WS_CT_06	8/20/2020	IMG_0024.AVI	8/8/2020 14:34	8/8/2020	14:34:40	Mammal	Callosciurus notatus	1	
WS_CT_06	8/20/2020	IMG_0025.AVI	8/8/2020 14:45	8/8/2020	14:45:34	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0027.AVI	8/8/2020 17:57	8/8/2020	17:57:02	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0028.AVI	8/8/2020 21:51	8/8/2020	21:51:04	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0029.AVI	8/8/2020 21:51	8/8/2020	21:51:26	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0030.AVI	8/8/2020 21:51	8/8/2020	21:51:46	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0031.AVI	8/8/2020 21:52	8/8/2020	21:52:08	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0032.AVI	8/8/2020 21:52	8/8/2020	21:52:34	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0033.AVI	8/8/2020 21:52	8/8/2020	21:52:58	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0035.AVI	8/8/2020 22:18	8/8/2020	22:18:50	Mammal	Sus scrofa	2	Adult with young (no stripes)
WS_CT_06	8/20/2020	IMG_0046.AVI	8/10/2020 7:29	8/9/2020	7:29:18	Bird	Gallus gallus	2	
WS_CT_06	8/20/2020	IMG_0041.AVI	8/9/2020 19:38	8/9/2020	19:38:30	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0043.AVI	8/9/2020 19:41	8/9/2020	19:41:56	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0044.AVI	8/9/2020 19:42	8/9/2020	19:42:32	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0045.AVI	8/9/2020 19:43	8/9/2020	19:43:04	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0047.AVI	8/10/2020 12:25	8/10/2020	12:25:24	Mammal	Callosciurus notatus	1	
WS_CT_06	8/20/2020	IMG_0050.AVI	8/10/2020 16:24	8/10/2020	16:24:42	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0072.AVI	8/12/2020 5:54	8/11/2020	5:54:16	Mammal	Paradoxurus musangus	1	
WS_CT_06	8/20/2020	IMG_0073.AVI	8/12/2020 7:12	8/11/2020	7:12:00	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0074.AVI	8/12/2020 7:12	8/11/2020	7:12:54	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0075.AVI	8/12/2020 7:13	8/11/2020	7:13:16	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0052 2 of 2.	8/11/2020 13:44	8/11/2020	13:44:16	Mammal	Callosciurus notatus	1	
WS_CT_06	8/20/2020	IMG_0052 1 of 2.	8/11/2020 13:44	8/11/2020	13:44:16	Mammal	Macaca fascicularis	1	
WS_CT_06	8/20/2020	IMG_0053.AVI	8/11/2020 13:45	8/11/2020	13:45:32	Mammal	Macaca fascicularis	1	
WS_CT_06	8/20/2020	IMG_0054.AVI	8/11/2020 13:46	8/11/2020	13:46:08	Mammal	Macaca fascicularis	2	
WS_CT_06	8/20/2020	IMG_0055.AVI	8/11/2020 13:46	8/11/2020	13:46:34	Mammal	Macaca fascicularis	2	
WS_CT_06	8/20/2020	IMG_0056.AVI	8/11/2020 13:47	8/11/2020	13:47:54	Mammal	Macaca fascicularis	2	
WS_CT_06	8/20/2020	IMG_0057.AVI	8/11/2020 13:49	8/11/2020	13:49:08	Mammal	Macaca fascicularis	1	
WS_CT_06	8/20/2020	IMG_0058.AVI	8/11/2020 13:49	8/11/2020	13:49:30	Mammal	Macaca fascicularis	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_06	8/20/2020	IMG_0059.AVI	8/11/2020 13:54	8/11/2020	13:54:36	Mammal	Macaca fascicularis	2	
WS_CT_06	8/20/2020	IMG_0060.AVI	8/11/2020 13:54	8/11/2020	13:54:58	Mammal	Macaca fascicularis	2	
WS_CT_06	8/20/2020	IMG_0061 2 of 2.	8/11/2020 13:55	8/11/2020	13:55:40	Mammal	Macaca fascicularis	1	
WS_CT_06	8/20/2020	IMG_0061 1 of 2.	8/11/2020 13:55	8/11/2020	13:55:40	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0062.AVI	8/11/2020 13:56	8/11/2020	13:56:06	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0063.AVI	8/11/2020 13:56	8/11/2020	13:56:30	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0064.AVI	8/11/2020 13:56	8/11/2020	13:56:58	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0065.AVI	8/11/2020 13:57	8/11/2020	13:57:20	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0066.AVI	8/11/2020 13:57	8/11/2020	13:57:46	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0067.AVI	8/11/2020 13:58	8/11/2020	13:58:18	Mammal	Macaca fascicularis	2	
WS_CT_06	8/20/2020	IMG_0068.AVI	8/11/2020 13:58	8/11/2020	13:58:42	Mammal	Macaca fascicularis	2	
WS_CT_06	8/20/2020	IMG_0069.AVI	8/11/2020 13:59	8/11/2020	13:59:04	Mammal	Macaca fascicularis	3	
WS_CT_06	8/20/2020	IMG_0070.AVI	8/11/2020 14:00	8/11/2020	14:00:18	Mammal	Macaca fascicularis	2	
WS_CT_06	8/20/2020	IMG_0071.AVI	8/11/2020 14:06	8/11/2020	14:06:24	Mammal	Macaca fascicularis	1	
WS_CT_06	8/20/2020	IMG_0076.AVI	8/12/2020 17:34	8/12/2020	17:34:42	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0078.AVI	8/12/2020 18:30	8/12/2020	18:30:32	Mammal	Callosciurus notatus	1	
WS_CT_06	8/20/2020	IMG_0080.AVI	8/13/2020 15:30	8/13/2020	15:30:54	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0081.AVI	8/13/2020 15:31	8/13/2020	15:31:52	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0082.AVI	8/13/2020 17:20	8/13/2020	17:20:12	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0083.AVI	8/14/2020 12:12	8/14/2020	12:12:10	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0084.AVI	8/14/2020 18:20	8/14/2020	18:20:48	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0085.AVI	8/16/2020 0:34	8/15/2020	0:34:24	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0086.AVI	8/16/2020 0:36	8/15/2020	0:36:26	Mammal	Sus scrofa	1	
WS_CT_06	8/20/2020	IMG_0087.AVI	8/16/2020 7:04	8/15/2020	7:04:02	Bird	Unidentified bird	1	
WS_CT_06	8/20/2020	IMG_0088.AVI	8/17/2020 4:30	8/16/2020	4:30:20	Mammal	Sus scrofa	2	Adult with young (no stripes)
WS_CT_06	8/20/2020	IMG_0089.AVI	8/17/2020 4:30	8/16/2020	4:30:42	Mammal	Sus scrofa	2	Adult with young (no stripes)
WS_CT_06	8/20/2020	IMG_0090.AVI	8/19/2020 18:07	8/19/2020	18:07:08	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0005.AVI	8/20/2020 16:07	8/20/2020	16:07:08	Mammal	Sundasciurus tenuis	1	
WS_CT_06	9/8/2020	IMG_0006.AVI	8/20/2020 17:30	8/20/2020	17:30:30	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/8/2020	IMG_0008.AVI	8/21/2020 11:11	8/21/2020	11:11:56	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0011.AVI	8/21/2020 11:44	8/21/2020	11:44:42	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0012.AVI	8/21/2020 11:45	8/21/2020	11:45:02	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0013.AVI	8/21/2020 12:23	8/21/2020	12:23:18	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0014.AVI	8/21/2020 12:23	8/21/2020	12:23:40	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0016.AVI	8/21/2020 13:39	8/21/2020	13:39:54	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0017.AVI	8/21/2020 13:40	8/21/2020	13:40:24	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0018.AVI	8/21/2020 13:40	8/21/2020	13:40:48	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0019.AVI	8/21/2020 13:41	8/21/2020	13:41:18	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0020.AVI	8/21/2020 13:41	8/21/2020	13:41:40	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0021.AVI	8/21/2020 13:42	8/21/2020	13:42:02	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0022.AVI	8/21/2020 13:43	8/21/2020	13:43:08	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0023.AVI	8/21/2020 13:44	8/21/2020	13:44:26	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0024.AVI	8/21/2020 14:01	8/21/2020	14:01:46	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0025.AVI	8/21/2020 14:02	8/21/2020	14:02:42	Mammal	Macaca fascicularis	3	
WS_CT_06	9/8/2020	IMG_0026.AVI	8/21/2020 14:03	8/21/2020	14:03:04	Mammal	Macaca fascicularis	3	
WS_CT_06	9/8/2020	IMG_0027.AVI	8/21/2020 14:06	8/21/2020	14:06:48	Mammal	Macaca fascicularis	2	
WS_CT_06	9/8/2020	IMG_0028.AVI	8/21/2020 14:08	8/21/2020	14:08:56	Mammal	Macaca fascicularis	4	
WS_CT_06	9/8/2020	IMG_0029.AVI	8/21/2020 14:09	8/21/2020	14:09:40	Mammal	Macaca fascicularis	2	
WS_CT_06	9/8/2020	IMG_0030.AVI	8/21/2020 14:12	8/21/2020	14:12:18	Mammal	Macaca fascicularis	4	
WS_CT_06	9/8/2020	IMG_0031.AVI	8/21/2020 14:13	8/21/2020	14:13:08	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0032.AVI	8/21/2020 14:15	8/21/2020	14:15:00	Mammal	Macaca fascicularis	2	
WS_CT_06	9/8/2020	IMG_0033.AVI	8/21/2020 14:26	8/21/2020	14:26:48	Mammal	Macaca fascicularis	2	
WS_CT_06	9/8/2020	IMG_0034.AVI	8/21/2020 14:38	8/21/2020	14:38:16	Mammal	Macaca fascicularis	4	
WS_CT_06	9/8/2020	IMG_0035.AVI	8/21/2020 14:39	8/21/2020	14:39:00	Mammal	Macaca fascicularis	4	Interaction with camera
WS_CT_06	9/8/2020	IMG_0036.AVI	8/21/2020 14:40	8/21/2020	14:40:06	Mammal	Macaca fascicularis	5	
WS_CT_06	9/8/2020	IMG_0037.AVI	8/21/2020 14:42	8/21/2020	14:42:22	Mammal	Macaca fascicularis	3	
WS_CT_06	9/8/2020	IMG_0038.AVI	8/21/2020 14:45	8/21/2020	14:45:12	Mammal	Macaca fascicularis	4	
WS_CT_06	9/8/2020	IMG_0039.AVI	8/21/2020 14:45	8/21/2020	14:45:54	Mammal	Macaca fascicularis	5	
WS_CT_06	9/8/2020	IMG_0040.AVI	8/21/2020 14:46	8/21/2020	14:46:14	Mammal	Macaca fascicularis	5	
WS_CT_06	9/8/2020	IMG_0041.AVI	8/21/2020 14:46	8/21/2020	14:46:38	Mammal	Macaca fascicularis	7	
WS_CT_06	9/8/2020	IMG_0042.AVI	8/21/2020 14:47	8/21/2020	14:47:14	Mammal	Macaca fascicularis	7	
WS_CT_06	9/8/2020	IMG_0043.AVI	8/21/2020 14:50	8/21/2020	14:50:38	Mammal	Macaca fascicularis	3	
WS_CT_06	9/8/2020	IMG_0044.AVI	8/21/2020 14:51	8/21/2020	14:51:58	Mammal	Macaca fascicularis	4	
WS_CT_06	9/8/2020	IMG_0045.AVI	8/21/2020 14:53	8/21/2020	14:53:28	Mammal	Macaca fascicularis	4	
WS_CT_06	9/8/2020	IMG_0046.AVI	8/21/2020 14:53	8/21/2020	14:53:58	Mammal	Macaca fascicularis	3	
WS_CT_06	9/8/2020	IMG_0047.AVI	8/21/2020 16:13	8/21/2020	16:13:16	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0048.AVI	8/21/2020 16:13	8/21/2020	16:13:38	Mammal	Macaca fascicularis	2	
WS_CT_06	9/8/2020	IMG_0049.AVI	8/21/2020 16:14	8/21/2020	16:14:08	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0050.AVI	8/21/2020 16:15	8/21/2020	16:15:52	Mammal	Macaca fascicularis	3	
WS_CT_06	9/8/2020	IMG_0051.AVI	8/21/2020 16:16	8/21/2020	16:16:14	Mammal	Macaca fascicularis	4	
WS_CT_06	9/8/2020	IMG_0052.AVI	8/21/2020 16:16	8/21/2020	16:16:36	Mammal	Macaca fascicularis	5	
WS_CT_06	9/8/2020	IMG_0053.AVI	8/21/2020 16:17	8/21/2020	16:17:14	Mammal	Macaca fascicularis	6	
WS_CT_06	9/8/2020	IMG_0054.AVI	8/21/2020 16:17	8/21/2020	16:17:58	Mammal	Macaca fascicularis	2	
WS_CT_06	9/8/2020	IMG_0055.AVI	8/21/2020 16:18	8/21/2020	16:18:26	Mammal	Macaca fascicularis	2	
WS_CT_06	9/8/2020	IMG_0056.AVI	8/21/2020 16:19	8/21/2020	16:19:42	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0057.AVI	8/21/2020 16:20	8/21/2020	16:20:26	Mammal	Macaca fascicularis	2	
WS_CT_06	9/8/2020	IMG_0058.AVI	8/21/2020 22:11	8/21/2020	22:11:08	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0059.AVI	8/21/2020 22:11	8/21/2020	22:11:30	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0060.AVI	8/21/2020 22:11	8/21/2020	22:11:50	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0061.AVI	8/22/2020 13:18	8/22/2020	13:18:10	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/8/2020	IMG_0062.AVI	8/22/2020 13:18	8/22/2020	13:18:54	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0063.AVI	8/22/2020 13:19	8/22/2020	13:19:16	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0064.AVI	8/22/2020 17:54	8/22/2020	17:54:36	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0065.AVI	8/22/2020 17:55	8/22/2020	17:55:08	Mammal	Sus scrofa	2	
WS_CT_06	9/8/2020	IMG_0066.AVI	8/22/2020 18:59	8/22/2020	18:59:34	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0067.AVI	8/22/2020 21:10	8/22/2020	21:10:16	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_06	9/8/2020	IMG_0068.AVI	8/22/2020 21:10	8/22/2020	21:10:36	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0069.AVI	8/22/2020 21:10	8/22/2020	21:10:58	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0071.AVI	8/25/2020 14:27	8/25/2020	14:27:40	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0072.AVI	8/25/2020 14:31	8/25/2020	14:31:24	Mammal	Callosciurus notatus	2	
WS_CT_06	9/8/2020	IMG_0073.AVI	8/25/2020 14:32	8/25/2020	14:32:00	Mammal	Callosciurus notatus	2	
WS_CT_06	9/8/2020	IMG_0074.AVI	8/25/2020 16:02	8/25/2020	16:02:44	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0077.AVI	8/26/2020 8:14	8/26/2020	8:14:42	Mammal	Sus scrofa	1	Interaction with camera
WS_CT_06	9/8/2020	IMG_0078.AVI	8/26/2020 12:41	8/26/2020	12:41:30	Mammal	Macaca fascicularis	1	
WS_CT_06	9/8/2020	IMG_0079.AVI	8/26/2020 16:49	8/26/2020	16:49:48	Mammal	Sus scrofa	1	
WS_CT_06	9/8/2020	IMG_0083.AVI	8/30/2020 18:58	8/30/2020	18:58:00	Mammal	Sus scrofa	3	
WS_CT_06	9/8/2020	IMG_0084.AVI	9/1/2020 11:25	9/1/2020	11:25:02	Mammal	Callosciurus notatus	1	
WS_CT_06	9/8/2020	IMG_0085.AVI	9/4/2020 18:13	9/4/2020	18:13:00	Mammal	Sus scrofa	1	Interaction with camera
WS_CT_06	9/8/2020	IMG_0065.AVI	9/16/2020 22:09	9/16/2020	22:09:32	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/8/2020	IMG_0072.AVI	9/16/2020 22:13	9/16/2020	22:13:06	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/8/2020	IMG_0073.AVI	9/16/2020 22:13	9/16/2020	22:13:07	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/8/2020	IMG_0074.AVI	9/16/2020 22:15	9/16/2020	22:15:11	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/17/2020	IMG_0004.AVI	9/8/2020 11:08	9/8/2020	11:08:28	Mammal	Callosciurus notatus	1	
WS_CT_06	9/17/2020	IMG_0005.AVI	9/8/2020 11:29	9/8/2020	11:29:52	Mammal	Callosciurus notatus	1	
WS_CT_06	9/17/2020	IMG_0007.AVI	9/9/2020 7:12	9/9/2020	7:12:20	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/17/2020	IMG_0008.AVI	9/9/2020 9:38	9/9/2020	9:38:46	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/17/2020	IMG_0009.AVI	9/9/2020 10:09	9/9/2020	10:09:08	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/17/2020	IMG_0010.AVI	9/9/2020 10:13	9/9/2020	10:13:38	Mammal	Callosciurus notatus	1	
WS_CT_06	9/17/2020	IMG_0010.AVI	9/9/2020 10:13	9/9/2020	10:13:38	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/17/2020	IMG_0011.AVI	9/9/2020 18:43	9/9/2020	18:43:16	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0012.AVI	9/9/2020 23:04	9/9/2020	23:04:18	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0015.AVI	9/12/2020 4:37	9/12/2020	4:37:02	Mammal	Sus scrofa	2	
WS_CT_06	9/17/2020	IMG_0016.AVI	9/12/2020 4:37	9/12/2020	4:37:26	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0017.AVI	9/12/2020 4:37	9/12/2020	4:37:48	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0020.AVI	9/12/2020 8:57	9/12/2020	8:57:12	Mammal	Unidentified squirrel or shrew	1	
WS_CT_06	9/17/2020	IMG_0021.AVI	9/12/2020 15:19	9/12/2020	15:19:42	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0022.AVI	9/12/2020 18:03	9/12/2020	18:03:14	Mammal	Sus scrofa	3	
WS_CT_06	9/17/2020	IMG_0023.AVI	9/13/2020 10:53	9/13/2020	10:53:42	Mammal	Sus scrofa	5	
WS_CT_06	9/17/2020	IMG_0024.AVI	9/13/2020 10:54	9/13/2020	10:54:04	Mammal	Sus scrofa	5	
WS_CT_06	9/17/2020	IMG_0025.AVI	9/13/2020 18:09	9/13/2020	18:09:26	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0026.AVI	9/13/2020 18:15	9/13/2020	18:15:16	Mammal	Callosciurus notatus	1	
WS_CT_06	9/17/2020	IMG_0027.AVI	9/14/2020 9:09	9/14/2020	9:09:20	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0028.AVI	9/14/2020 22:04	9/14/2020	22:04:52	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0029.AVI	9/15/2020 6:50	9/15/2020	6:50:28	Mammal	Tupaia glis	1	
WS_CT_06	9/17/2020	IMG_0030.AVI	9/15/2020 15:41	9/15/2020	15:41:14	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0031.AVI	9/16/2020 12:35	9/16/2020	12:35:48	Reptile	Varanus sp.	2	
WS_CT_06	9/17/2020	IMG_0032.AVI	9/16/2020 13:42	9/16/2020	13:42:04	Reptile	Varanus sp.	1	
WS_CT_06	9/17/2020	IMG_0033.AVI	9/16/2020 17:03	9/16/2020	17:03:22	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0034.AVI	9/16/2020 21:14	9/16/2020	21:14:26	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0035.AVI	9/16/2020 21:38	9/16/2020	21:38:56	Mammal	Sus scrofa	1	
WS_CT_06	9/17/2020	IMG_0036.AVI	9/16/2020 23:08	9/16/2020	23:08:28	Bird	Unidentified owl	1	
WS_CT_06	9/17/2020	IMG_0037.AVI	9/17/2020 6:49	9/17/2020	6:49:54	Mammal	Tupaia glis	1	
WS_CT_07	7/6/2020	IMG_0006.AVI	6/30/2020 6:35	6/30/2020	6:35:28	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0007.AVI	6/30/2020 7:52	6/30/2020	7:52:18	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0008.AVI	6/30/2020 8:38	6/30/2020	8:38:04	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0009.AVI	6/30/2020 8:40	6/30/2020	8:40:08	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0010.AVI	6/30/2020 13:36	6/30/2020	13:36:18	Mammal	Callosciurus notatus	1	
WS_CT_07	7/6/2020	IMG_0011.AVI	6/30/2020 18:44	6/30/2020	18:44:22	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0012.AVI	7/1/2020 9:22	7/1/2020	9:22:38	Mammal	Callosciurus notatus	1	
WS_CT_07	7/6/2020	IMG_0016.AVI	7/2/2020 8:08	7/2/2020	8:08:02	Mammal	Sus scrofa	2	
WS_CT_07	7/6/2020	IMG_0017.AVI	7/2/2020 13:22	7/2/2020	13:22:32	Mammal	Sus scrofa	4	
WS_CT_07	7/6/2020	IMG_0018.AVI	7/2/2020 13:23	7/2/2020	13:23:06	Mammal	Sus scrofa	2	
WS_CT_07	7/6/2020	IMG_0019.AVI	7/2/2020 19:26	7/2/2020	19:26:44	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0020.AVI	7/3/2020 19:25	7/3/2020	19:25:42	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0021.AVI	7/4/2020 7:04	7/4/2020	7:04:26	Mammal	Sus scrofa	2	
WS_CT_07	7/6/2020	IMG_0022.AVI	7/4/2020 13:53	7/4/2020	13:53:18	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0023.AVI	7/4/2020 13:54	7/4/2020	13:54:22	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0024.AVI	7/5/2020 1:49	7/5/2020	1:49:06	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0025.AVI	7/5/2020 3:41	7/5/2020	3:41:18	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0026.AVI	7/5/2020 14:09	7/5/2020	14:09:54	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0027.AVI	7/5/2020 17:36	7/5/2020	17:36:58	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0028.AVI	7/5/2020 19:58	7/5/2020	19:58:46	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0029.AVI	7/6/2020 7:25	7/6/2020	7:25:48	Mammal	Sus scrofa	1	
WS_CT_07	7/6/2020	IMG_0030.AVI	7/6/2020 9:19	7/6/2020	9:19:26	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0008.AVI	7/6/2020 12:40	7/6/2020	12:40:04	Mammal	Sus scrofa	3	
WS_CT_07	8/7/2020	IMG_0009.AVI	7/6/2020 12:45	7/6/2020	12:45:12	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0010.AVI	7/6/2020 12:49	7/6/2020	12:49:56	Mammal	Macaca fascicularis	1	
WS_CT_07	8/7/2020	IMG_0011.AVI	7/6/2020 17:57	7/6/2020	17:57:38	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0012.AVI	7/7/2020 0:24	7/7/2020	0:24:02	Mammal	Manis javanica	1	
WS_CT_07	8/7/2020	IMG_0013.AVI	7/7/2020 7:30	7/7/2020	7:30:22	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0014.AVI	7/7/2020 10:37	7/7/2020	10:37:04	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0015.AVI	7/7/2020 19:52	7/7/2020	19:52:26	Mammal	Rattus sp.	1	
WS_CT_07	8/7/2020	IMG_0016.AVI	7/8/2020 8:26	7/8/2020	8:26:36	Mammal	Sus scrofa	2	2 piglets
WS_CT_07	8/7/2020	IMG_0017.AVI	7/8/2020 13:42	7/8/2020	13:42:10	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0018.AVI	7/8/2020 14:05	7/8/2020	14:05:26	Bird	Gallus gallus	3	
WS_CT_07	8/7/2020	IMG_0020.AVI	7/8/2020 16:09	7/8/2020	16:09:16	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0021.AVI	7/9/2020 11:55	7/9/2020	11:55:10	Bird	Gallus gallus	3	
WS_CT_07	8/7/2020	IMG_0022.AVI	7/10/2020 10:35	7/10/2020	10:35:52	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0023.AVI	7/10/2020 11:50	7/10/2020	11:50:32	Mammal	Sus scrofa	2	2 piglets
WS_CT_07	8/7/2020	IMG_0024.AVI	7/10/2020 16:57	7/10/2020	16:57:20	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0025.AVI	7/10/2020 17:02	7/10/2020	17:02:36	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0026.AVI	7/10/2020 18:07	7/10/2020	18:07:28	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_07	8/7/2020	IMG_0027.AVI	7/10/2020 20:37	7/10/2020	20:37:24	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0028.AVI	7/11/2020 4:59	7/11/2020	4:59:58	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0032.AVI	7/11/2020 8:49	7/11/2020	8:49:32	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0040.AVI	7/11/2020 10:03	7/11/2020	10:03:54	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0044.AVI	7/11/2020 11:00	7/11/2020	11:00:18	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0045.AVI	7/11/2020 11:01	7/11/2020	11:01:22	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0048.AVI	7/11/2020 12:15	7/11/2020	12:15:06	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0050.AVI	7/11/2020 12:19	7/11/2020	12:19:36	Mammal	Sus scrofa	2	2 piglets
WS_CT_07	8/7/2020	IMG_0051.AVI	7/11/2020 15:10	7/11/2020	15:10:44	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0088.AVI	7/12/2020 0:19	7/12/2020	0:19:38	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0099.AVI	7/12/2020 7:24	7/12/2020	7:24:36	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0101.AVI	7/12/2020 13:00	7/12/2020	13:00:52	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0102.AVI	7/12/2020 14:57	7/12/2020	14:57:46	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0103.AVI	7/12/2020 14:59	7/12/2020	14:59:08	Bird	Unidentified bird	1	
WS_CT_07	8/7/2020	IMG_0104.AVI	7/12/2020 16:27	7/12/2020	16:27:36	Bird	Unidentified bird	1	
WS_CT_07	8/7/2020	IMG_0105.AVI	7/12/2020 16:30	7/12/2020	16:30:58	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0106.AVI	7/12/2020 18:00	7/12/2020	18:00:58	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0108.AVI	7/13/2020 8:49	7/13/2020	8:49:22	Bird	Gallus gallus	4	
WS_CT_07	8/7/2020	IMG_0109.AVI	7/13/2020 11:29	7/13/2020	11:29:36	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0110.AVI	7/13/2020 13:13	7/13/2020	13:13:58	Mammal	Sus scrofa	3	3 piglets
WS_CT_07	8/7/2020	IMG_0111.AVI	7/13/2020 14:54	7/13/2020	14:54:08	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0112.AVI	7/13/2020 16:22	7/13/2020	16:22:32	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0113.AVI	7/13/2020 17:49	7/13/2020	17:49:02	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0126.AVI	7/14/2020 2:29	7/14/2020	2:29:54	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0141.AVI	7/14/2020 8:01	7/14/2020	8:01:26	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0142.AVI	7/14/2020 8:03	7/14/2020	8:03:48	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0143.AVI	7/14/2020 8:04	7/14/2020	8:04:10	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0145.AVI	7/14/2020 8:07	7/14/2020	8:07:54	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0146.AVI	7/14/2020 8:10	7/14/2020	8:10:30	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0147.AVI	7/14/2020 9:58	7/14/2020	9:58:28	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0160.AVI	7/14/2020 20:42	7/14/2020	20:42:18	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0176.AVI	7/15/2020 1:46	7/15/2020	1:46:10	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0181.AVI	7/15/2020 3:18	7/15/2020	3:18:00	Mammal	Rattus sp.	1	
WS_CT_07	8/7/2020	IMG_0182.AVI	7/15/2020 3:19	7/15/2020	3:19:48	Mammal	Rattus sp.	1	
WS_CT_07	8/7/2020	IMG_0183.AVI	7/15/2020 3:20	7/15/2020	3:20:40	Mammal	Rattus sp.	1	
WS_CT_07	8/7/2020	IMG_0184.AVI	7/15/2020 3:21	7/15/2020	3:21:08	Mammal	Rattus sp.	1	
WS_CT_07	8/7/2020	IMG_0186.AVI	7/15/2020 8:45	7/15/2020	8:45:20	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0188.AVI	7/15/2020 9:57	7/15/2020	9:57:46	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0189.AVI	7/15/2020 10:10	7/15/2020	10:10:12	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0195.AVI	7/15/2020 13:10	7/15/2020	13:10:54	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0196.AVI	7/15/2020 13:12	7/15/2020	13:12:34	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0197.AVI	7/15/2020 14:29	7/15/2020	14:29:30	Mammal	Sus scrofa	2	2 piglets
WS_CT_07	8/7/2020	IMG_0206.AVI	7/15/2020 16:04	7/15/2020	16:04:24	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0232.AVI	7/15/2020 20:43	7/15/2020	20:43:56	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0233.AVI	7/15/2020 20:44	7/15/2020	20:44:18	Mammal	Sus scrofa	4	3 piglets
WS_CT_07	8/7/2020	IMG_0234.AVI	7/15/2020 21:20	7/15/2020	21:20:38	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0287.AVI	7/16/2020 10:34	7/16/2020	10:34:00	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0288.AVI	7/16/2020 10:34	7/16/2020	10:34:22	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0289.AVI	7/16/2020 10:43	7/16/2020	10:43:16	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0290.AVI	7/16/2020 10:49	7/16/2020	10:49:34	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0293.AVI	7/16/2020 11:47	7/16/2020	11:47:40	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0296.AVI	7/16/2020 12:46	7/16/2020	12:46:22	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0297.AVI	7/16/2020 12:59	7/16/2020	12:59:32	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0298.AVI	7/16/2020 13:00	7/16/2020	13:00:14	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0299.AVI	7/16/2020 13:46	7/16/2020	13:46:10	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0300.AVI	7/16/2020 13:50	7/16/2020	13:50:26	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0302.AVI	7/16/2020 16:02	7/16/2020	16:02:54	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0303.AVI	7/16/2020 16:03	7/16/2020	16:03:16	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0331.AVI	7/16/2020 20:20	7/16/2020	20:20:30	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0340.AVI	7/16/2020 22:02	7/16/2020	22:02:28	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0373.AVI	7/17/2020 5:26	7/17/2020	5:26:28	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0384.AVI	7/17/2020 7:44	7/17/2020	7:44:46	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0400.AVI	7/17/2020 13:40	7/17/2020	13:40:04	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0401.AVI	7/17/2020 13:40	7/17/2020	13:40:50	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0403.AVI	7/17/2020 14:27	7/17/2020	14:27:40	Mammal	Macaca fascicularis	1	
WS_CT_07	8/7/2020	IMG_0406.AVI	7/17/2020 16:44	7/17/2020	16:44:06	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0407.AVI	7/17/2020 17:49	7/17/2020	17:49:00	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0408.AVI	7/17/2020 18:12	7/17/2020	18:12:54	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0409.AVI	7/17/2020 18:17	7/17/2020	18:17:00	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0410.AVI	7/17/2020 19:32	7/17/2020	19:32:42	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0418.AVI	7/18/2020 7:58	7/18/2020	7:58:16	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0420.AVI	7/18/2020 8:45	7/18/2020	8:45:42	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0421.AVI	7/18/2020 9:42	7/18/2020	9:42:58	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0423.AVI	7/18/2020 11:27	7/18/2020	11:27:08	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0424.AVI	7/18/2020 13:57	7/18/2020	13:57:12	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0429.AVI	7/18/2020 15:18	7/18/2020	15:18:26	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0430.AVI	7/18/2020 16:52	7/18/2020	16:52:06	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0432.AVI	7/18/2020 17:03	7/18/2020	17:03:16	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	8/7/2020	IMG_0436.AVI	7/18/2020 19:45	7/18/2020	19:45:34	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0442.AVI	7/18/2020 22:32	7/18/2020	22:32:36	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0444.AVI	7/18/2020 23:02	7/18/2020	23:02:10	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0454.AVI	7/19/2020 9:03	7/19/2020	9:03:20	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0456.AVI	7/19/2020 9:41	7/19/2020	9:41:16	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0457.AVI	7/19/2020 10:42	7/19/2020	10:42:58	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0458.AVI	7/19/2020 11:14	7/19/2020	11:14:44	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0459.AVI	7/19/2020 11:15	7/19/2020	11:15:06	NA	Unidentified sp.	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_07	8/7/2020	IMG_0461.AVI	7/19/2020 11:29	7/19/2020	11:29:28	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0462.AVI	7/19/2020 11:29	7/19/2020	11:29:50	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0463.AVI	7/19/2020 11:30	7/19/2020	11:30:12	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0465.AVI	7/19/2020 11:31	7/19/2020	11:31:00	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0466.AVI	7/19/2020 12:23	7/19/2020	12:23:30	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0467.AVI	7/19/2020 12:56	7/19/2020	12:56:22	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0471.AVI	7/19/2020 17:38	7/19/2020	17:38:20	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0472.AVI	7/19/2020 17:51	7/19/2020	17:51:32	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0473.AVI	7/19/2020 17:51	7/19/2020	17:51:52	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0474.AVI	7/19/2020 18:34	7/19/2020	18:34:46	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0476.AVI	7/20/2020 3:06	7/20/2020	3:06:28	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0477.AVI	7/20/2020 5:42	7/20/2020	5:42:36	Mammal	Rattus sp.	1	
WS_CT_07	8/7/2020	IMG_0479.AVI	7/20/2020 11:18	7/20/2020	11:18:16	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0480.AVI	7/20/2020 11:31	7/20/2020	11:31:26	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0482.AVI	7/20/2020 12:19	7/20/2020	12:19:08	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0483.AVI	7/20/2020 12:38	7/20/2020	12:38:46	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0484.AVI	7/20/2020 13:13	7/20/2020	13:13:08	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0485.AVI	7/20/2020 14:08	7/20/2020	14:08:26	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0486.AVI	7/20/2020 14:08	7/20/2020	14:08:56	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0487.AVI	7/20/2020 14:33	7/20/2020	14:33:22	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0488.AVI	7/20/2020 14:39	7/20/2020	14:39:02	Mammal	Callosciurus notatus	1	
WS_CT_07	8/7/2020	IMG_0489.AVI	7/20/2020 18:04	7/20/2020	18:04:42	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0490.AVI	7/21/2020 0:12	7/21/2020	0:12:28	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0491.AVI	7/21/2020 9:07	7/21/2020	9:07:28	Bird	Chalcophaps indica	1	
WS_CT_07	8/7/2020	IMG_0493.AVI	7/21/2020 14:36	7/21/2020	14:36:02	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0494.AVI	7/21/2020 14:36	7/21/2020	14:36:22	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0496.AVI	7/21/2020 16:55	7/21/2020	16:55:18	Bird	Gallus gallus	2	
WS_CT_07	8/7/2020	IMG_0497.AVI	7/21/2020 17:00	7/21/2020	17:00:24	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0499.AVI	7/21/2020 20:14	7/21/2020	20:14:26	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0500.AVI	7/21/2020 21:31	7/21/2020	21:31:02	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0501.AVI	7/21/2020 21:34	7/21/2020	21:34:44	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0502.AVI	7/22/2020 2:23	7/22/2020	2:23:58	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0503.AVI	7/22/2020 8:27	7/22/2020	8:27:40	Bird	Gallus gallus	3	
WS_CT_07	8/7/2020	IMG_0504.AVI	7/22/2020 9:19	7/22/2020	9:19:04	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0505.AVI	7/22/2020 9:36	7/22/2020	9:36:10	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0506.AVI	7/23/2020 5:37	7/23/2020	5:37:04	Mammal	Rattus sp.	1	
WS_CT_07	8/7/2020	IMG_0507.AVI	7/23/2020 7:26	7/23/2020	7:26:18	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0508.AVI	7/23/2020 7:26	7/23/2020	7:26:50	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0509.AVI	7/23/2020 7:36	7/23/2020	7:36:30	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0510.AVI	7/23/2020 7:36	7/23/2020	7:36:58	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0512.AVI	7/23/2020 7:37	7/23/2020	7:37:42	Mammal	Sus scrofa	2	2 piglets
WS_CT_07	8/7/2020	IMG_0513.AVI	7/23/2020 7:38	7/23/2020	7:38:26	Mammal	Sus scrofa	2	2 piglets
WS_CT_07	8/7/2020	IMG_0514.AVI	7/23/2020 7:39	7/23/2020	7:39:06	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0515.AVI	7/23/2020 8:23	7/23/2020	8:23:14	Bird	Gallus gallus	3	
WS_CT_07	8/7/2020	IMG_0516.AVI	7/23/2020 16:01	7/23/2020	16:01:32	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0517.AVI	7/23/2020 18:17	7/23/2020	18:17:54	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0518.AVI	7/23/2020 18:50	7/23/2020	18:50:52	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0519.AVI	7/23/2020 23:04	7/23/2020	23:04:02	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0520.AVI	7/23/2020 23:11	7/23/2020	23:11:20	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0521.AVI	7/23/2020 23:11	7/23/2020	23:11:54	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0522.AVI	7/23/2020 23:12	7/23/2020	23:12:18	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0524.AVI	7/24/2020 6:51	7/24/2020	6:51:14	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0526.AVI	7/24/2020 6:54	7/24/2020	6:54:14	Mammal	Sus scrofa	3	3 piglets
WS_CT_07	8/7/2020	IMG_0527.AVI	7/24/2020 7:58	7/24/2020	7:58:08	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0528.AVI	7/24/2020 7:58	7/24/2020	7:58:54	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0529.AVI	7/24/2020 7:59	7/24/2020	7:59:48	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0530.AVI	7/24/2020 8:00	7/24/2020	8:00:08	Mammal	Sus scrofa	2	2 piglets
WS_CT_07	8/7/2020	IMG_0532.AVI	7/24/2020 9:50	7/24/2020	9:50:04	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0541.AVI	7/24/2020 19:40	7/24/2020	19:40:52	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0544.AVI	7/24/2020 23:04	7/24/2020	23:04:48	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0559.AVI	7/25/2020 7:55	7/25/2020	7:55:04	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0560.AVI	7/25/2020 8:03	7/25/2020	8:03:50	Bird	Gallus gallus	3	
WS_CT_07	8/7/2020	IMG_0564.AVI	7/25/2020 13:05	7/25/2020	13:05:36	Mammal	Tupaia glis	1	
WS_CT_07	8/7/2020	IMG_0601.AVI	7/25/2020 23:27	7/25/2020	23:27:04	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0602.AVI	7/25/2020 23:27	7/25/2020	23:27:48	Mammal	Sus scrofa	2	
WS_CT_07	8/7/2020	IMG_0603.AVI	7/25/2020 23:36	7/25/2020	23:36:42	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0622.AVI	7/26/2020 7:18	7/26/2020	7:18:18	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0624.AVI	7/26/2020 8:02	7/26/2020	8:02:00	Mammal	Sus scrofa	2	2 piglets
WS_CT_07	8/7/2020	IMG_0625.AVI	7/26/2020 8:02	7/26/2020	8:02:22	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	8/7/2020	IMG_0628.AVI	7/26/2020 9:10	7/26/2020	9:10:32	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0629.AVI	7/26/2020 9:10	7/26/2020	9:10:58	Bird	Gallus gallus	1	
WS_CT_07	8/7/2020	IMG_0632.AVI	7/26/2020 10:01	7/26/2020	10:01:14	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0633.AVI	7/26/2020 10:07	7/26/2020	10:07:56	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0644.AVI	7/26/2020 16:11	7/26/2020	16:11:34	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	8/7/2020	IMG_0652.AVI	7/26/2020 19:27	7/26/2020	19:27:00	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0672.AVI	7/27/2020 0:06	7/27/2020	0:06:50	Mammal	Sus scrofa	1	
WS_CT_07	8/7/2020	IMG_0682.AVI	7/27/2020 3:29	7/27/2020	3:29:38	NA	Unidentified sp.	1	
WS_CT_07	8/7/2020	IMG_0709.AVI	7/27/2020 9:59	7/27/2020	9:59:56	Reptile	Varanus sp.	1	
WS_CT_07	8/7/2020	IMG_0012.AVI	9/3/2020 15:33	9/3/2020	15:33:25	Mammal	Rattus sp.	1	
WS_CT_07	8/7/2020	IMG_0103.AVI	9/3/2020 16:05	9/3/2020	16:05:40	Mammal	Sus scrofa	6	
WS_CT_07	9/8/2020	IMG_0004.AVI	8/7/2020 12:01	8/7/2020	12:01:58	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0005.AVI	8/7/2020 13:32	8/7/2020	13:32:48	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0006.AVI	8/7/2020 14:24	8/7/2020	14:24:32	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	9/8/2020	IMG_0008.AVI	8/7/2020 16:18	8/7/2020	16:18:00	Mammal	Sus scrofa	2	
WS_CT_07	9/8/2020	IMG_0009.AVI	8/7/2020 16:18	8/7/2020	16:18:28	Mammal	Sus scrofa	2	
WS_CT_07	9/8/2020	IMG_0010.AVI	8/7/2020 16:18	8/7/2020	16:18:50	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_07	9/8/2020	IMG_0011.AVI	8/7/2020 16:20	8/7/2020	16:20:14	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0012.AVI	8/7/2020 16:49	8/7/2020	16:49:44	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0013.AVI	8/7/2020 21:21	8/7/2020	21:21:34	Mammal	Sus scrofa	4	
WS_CT_07	9/8/2020	IMG_0014.AVI	8/7/2020 21:59	8/7/2020	21:59:50	Mammal	Rattus sp.	1	
WS_CT_07	9/8/2020	IMG_0015.AVI	8/7/2020 23:01	8/7/2020	23:01:00	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0016.AVI	8/7/2020 23:02	8/7/2020	23:02:56	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0017.AVI	8/8/2020 2:36	8/8/2020	2:36:00	Mammal	Rattus sp.	1	
WS_CT_07	9/8/2020	IMG_0018.AVI	8/8/2020 7:22	8/8/2020	7:22:52	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0019.AVI	8/8/2020 7:43	8/8/2020	7:43:28	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0020.AVI	8/8/2020 7:43	8/8/2020	7:43:50	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0021.AVI	8/8/2020 10:45	8/8/2020	10:45:26	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	9/8/2020	IMG_0022.AVI	8/8/2020 12:58	8/8/2020	12:58:30	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0024.AVI	8/8/2020 17:11	8/8/2020	17:11:34	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	9/8/2020	IMG_0025.AVI	8/8/2020 17:51	8/8/2020	17:51:16	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0027.AVI	8/9/2020 13:12	8/9/2020	13:12:08	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0028.AVI	8/9/2020 14:16	8/9/2020	14:16:24	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0029.AVI	8/9/2020 14:16	8/9/2020	14:16:50	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0030.AVI	8/9/2020 14:17	8/9/2020	14:17:10	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0031.AVI	8/9/2020 14:17	8/9/2020	14:17:34	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0032.AVI	8/9/2020 16:17	8/9/2020	16:17:34	Mammal	Callosciurus notatus	1	
WS_CT_07	9/8/2020	IMG_0033.AVI	8/9/2020 16:18	8/9/2020	16:18:52	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	9/8/2020	IMG_0034.AVI	8/9/2020 16:32	8/9/2020	16:32:30	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0035.AVI	8/10/2020 7:26	8/10/2020	7:26:50	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0036.AVI	8/10/2020 7:43	8/10/2020	7:43:12	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0037.AVI	8/10/2020 11:20	8/10/2020	11:20:22	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0038.AVI	8/10/2020 16:41	8/10/2020	16:41:20	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0039.AVI	8/10/2020 18:02	8/10/2020	18:02:26	Bird	Gallus gallus	1	
WS_CT_07	9/8/2020	IMG_0040.AVI	8/10/2020 18:02	8/10/2020	18:02:50	Bird	Gallus gallus	2	
WS_CT_07	9/8/2020	IMG_0041.AVI	8/10/2020 18:08	8/10/2020	18:08:08	Bird	Gallus gallus	2	
WS_CT_07	9/8/2020	IMG_0042.AVI	8/10/2020 18:47	8/10/2020	18:47:38	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0043.AVI	8/11/2020 13:23	8/11/2020	13:23:30	Mammal	Callosciurus notatus	1	
WS_CT_07	9/8/2020	IMG_0044.AVI	8/11/2020 13:24	8/11/2020	13:24:46	Mammal	Callosciurus notatus	1	
WS_CT_07	9/8/2020	IMG_0045.AVI	8/11/2020 17:39	8/11/2020	17:39:16	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0046.AVI	8/11/2020 21:25	8/11/2020	21:25:16	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0047.AVI	8/12/2020 19:12	8/12/2020	19:12:32	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0048.AVI	8/13/2020 7:31	8/13/2020	7:31:08	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0049.AVI	8/13/2020 7:37	8/13/2020	7:37:06	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0050.AVI	8/13/2020 7:42	8/13/2020	7:42:10	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0051.AVI	8/13/2020 8:11	8/13/2020	8:11:04	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0052.AVI	8/13/2020 8:11	8/13/2020	8:11:56	Mammal	Sus scrofa	6	
WS_CT_07	9/8/2020	IMG_0053.AVI	8/13/2020 13:03	8/13/2020	13:03:40	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0054.AVI	8/13/2020 13:04	8/13/2020	13:04:00	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0055.AVI	8/13/2020 13:04	8/13/2020	13:04:26	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0056.AVI	8/13/2020 13:04	8/13/2020	13:04:50	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0057.AVI	8/13/2020 15:42	8/13/2020	15:42:30	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0058.AVI	8/13/2020 15:44	8/13/2020	15:44:28	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0059.AVI	8/13/2020 18:45	8/13/2020	18:45:40	Bird	Gallus gallus	1	
WS_CT_07	9/8/2020	IMG_0060.AVI	8/13/2020 18:46	8/13/2020	18:46:06	Bird	Gallus gallus	2	
WS_CT_07	9/8/2020	IMG_0061.AVI	8/13/2020 18:46	8/13/2020	18:46:52	Bird	Gallus gallus	1	
WS_CT_07	9/8/2020	IMG_0062.AVI	8/13/2020 18:47	8/13/2020	18:47:24	Bird	Gallus gallus	1	
WS_CT_07	9/8/2020	IMG_0063.AVI	8/13/2020 18:48	8/13/2020	18:48:14	Bird	Gallus gallus	1	
WS_CT_07	9/8/2020	IMG_0064.AVI	8/13/2020 18:49	8/13/2020	18:49:50	Bird	Gallus gallus	2	
WS_CT_07	9/8/2020	IMG_0065.AVI	8/13/2020 18:51	8/13/2020	18:51:00	Bird	Gallus gallus	2	
WS_CT_07	9/8/2020	IMG_0066.AVI	8/14/2020 9:05	8/14/2020	9:05:48	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0068.AVI	8/14/2020 10:43	8/14/2020	10:43:28	Mammal	Sus scrofa	2	
WS_CT_07	9/8/2020	IMG_0069.AVI	8/15/2020 16:10	8/15/2020	16:10:14	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0070.AVI	8/15/2020 20:53	8/15/2020	20:53:34	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0071.AVI	8/16/2020 16:36	8/16/2020	16:36:56	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0072.AVI	8/16/2020 17:09	8/16/2020	17:09:12	Mammal	Sus scrofa	1	1 piglet
WS_CT_07	9/8/2020	IMG_0074.AVI	8/17/2020 23:24	8/17/2020	23:24:20	Mammal	Rattus sp.	1	
WS_CT_07	9/8/2020	IMG_0075.AVI	8/18/2020 0:26	8/18/2020	0:26:12	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0076.AVI	8/18/2020 0:27	8/18/2020	0:27:28	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0077.AVI	8/18/2020 0:27	8/18/2020	0:27:48	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0078.AVI	8/18/2020 7:48	8/18/2020	7:48:16	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0079.AVI	8/18/2020 22:14	8/18/2020	22:14:00	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0080.AVI	8/18/2020 22:14	8/18/2020	22:14:56	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0081.AVI	8/19/2020 7:38	8/19/2020	7:38:46	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0082.AVI	8/19/2020 8:34	8/19/2020	8:34:28	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0086.AVI	8/19/2020 16:56	8/19/2020	16:56:08	Mammal	Sus scrofa	3	
WS_CT_07	9/8/2020	IMG_0090.AVI	8/19/2020 19:01	8/19/2020	19:01:32	Mammal	Sus scrofa	2	
WS_CT_07	9/8/2020	IMG_0113.AVI	8/20/2020 12:05	8/20/2020	12:05:16	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0117.AVI	8/20/2020 15:33	8/20/2020	15:33:32	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0130.AVI	8/21/2020 11:03	8/21/2020	11:03:24	Mammal	Tupaia glis	2	
WS_CT_07	9/8/2020	IMG_0133.AVI	8/21/2020 14:11	8/21/2020	14:11:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	9/8/2020	IMG_0134.AVI	8/21/2020 18:00	8/21/2020	18:00:50	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0135.AVI	8/21/2020 18:10	8/21/2020	18:10:30	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0137.AVI	8/21/2020 19:25	8/21/2020	19:25:30	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0150.AVI	8/22/2020 0:03	8/22/2020	0:03:48	NA	Unidentified sp.	1	
WS_CT_07	9/8/2020	IMG_0157.AVI	8/22/2020 11:57	8/22/2020	11:57:56	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0158.AVI	8/22/2020 11:58	8/22/2020	11:58:18	Mammal	Unidentified squirrel or shrew	2	
WS_CT_07	9/8/2020	IMG_0198.AVI	8/22/2020 19:37	8/22/2020	19:37:42	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0199.AVI	8/22/2020 19:38	8/22/2020	19:38:04	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0210.AVI	8/22/2020 23:39	8/22/2020	23:39:50	Mammal	Unidentified bat	1	
WS_CT_07	9/8/2020	IMG_0211.AVI	8/22/2020 23:55	8/22/2020	23:55:20	Mammal	Rattus sp.	1	
WS_CT_07	9/8/2020	IMG_0212.AVI	8/22/2020 23:56	8/22/2020	23:56:54	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0213.AVI	8/23/2020 0:03	8/23/2020	0:03:32	Mammal	Rattus sp.	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_07	9/8/2020	IMG_0220.AVI	8/23/2020 8:00	8/23/2020	8:00:18	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0223.AVI	8/23/2020 13:56	8/23/2020	13:56:50	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0224.AVI	8/23/2020 16:57	8/23/2020	16:57:40	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0225.AVI	8/23/2020 16:58	8/23/2020	16:58:10	Mammal	Sus scrofa	2	
WS_CT_07	9/8/2020	IMG_0226.AVI	8/23/2020 22:04	8/23/2020	22:04:46	Mammal	Sus scrofa	2	1 piglet
WS_CT_07	9/8/2020	IMG_0230.AVI	8/24/2020 2:02	8/24/2020	2:02:50	Mammal	Rattus sp.	1	
WS_CT_07	9/8/2020	IMG_0231.AVI	8/24/2020 10:27	8/24/2020	10:27:04	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0232.AVI	8/24/2020 13:24	8/24/2020	13:24:12	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0233.AVI	8/24/2020 13:24	8/24/2020	13:24:52	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0251.AVI	8/25/2020 17:34	8/25/2020	17:34:14	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0260.AVI	8/25/2020 22:02	8/25/2020	22:02:12	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0286.AVI	8/26/2020 7:17	8/26/2020	7:17:06	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0300.AVI	8/26/2020 11:37	8/26/2020	11:37:12	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0312.AVI	8/26/2020 13:35	8/26/2020	13:35:38	Mammal	Tupaia glis	1	
WS_CT_07	9/8/2020	IMG_0330.AVI	8/26/2020 16:54	8/26/2020	16:54:26	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0331.AVI	8/26/2020 16:55	8/26/2020	16:55:38	Mammal	Sus scrofa	2	
WS_CT_07	9/8/2020	IMG_0332.AVI	8/26/2020 16:55	8/26/2020	16:55:58	Mammal	Sus scrofa	2	
WS_CT_07	9/8/2020	IMG_0333.AVI	8/26/2020 16:56	8/26/2020	16:56:22	Mammal	Sus scrofa	2	
WS_CT_07	9/8/2020	IMG_0334.AVI	8/26/2020 16:56	8/26/2020	16:56:48	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0357.AVI	8/27/2020 7:28	8/27/2020	7:28:44	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0358.AVI	8/27/2020 8:41	8/27/2020	8:41:06	Bird	Gallus gallus	1	
WS_CT_07	9/8/2020	IMG_0362.AVI	8/27/2020 13:32	8/27/2020	13:32:36	Mammal	Sus scrofa	1	
WS_CT_07	9/8/2020	IMG_0035.AVI	9/17/2020 20:21	9/17/2020	20:21:29	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	9/8/2020	IMG_0157.AVI	9/17/2020 21:03	9/17/2020	21:03:56	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	9/8/2020	IMG_0158.AVI	9/17/2020 21:06	9/17/2020	21:06:05	Mammal	Tupaia glis	1	
WS_CT_07	9/17/2020	IMG_0014.AVI	9/8/2020 15:01	9/8/2020	15:01:36	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	9/17/2020	IMG_0015.AVI	9/8/2020 15:06	9/8/2020	15:06:10	Mammal	Tupaia glis	1	
WS_CT_07	9/17/2020	IMG_0024.AVI	9/9/2020 8:02	9/9/2020	8:02:26	Mammal	Sus scrofa	2	
WS_CT_07	9/17/2020	IMG_0037.AVI	9/9/2020 17:53	9/9/2020	17:53:56	Mammal	Sus scrofa	3	
WS_CT_07	9/17/2020	IMG_0038.AVI	9/9/2020 17:54	9/9/2020	17:54:18	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0052.AVI	9/10/2020 2:01	9/10/2020	2:01:40	Mammal	Manis javanica	1	
WS_CT_07	9/17/2020	IMG_0107.AVI	9/11/2020 7:39	9/11/2020	7:39:06	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0108.AVI	9/11/2020 7:39	9/11/2020	7:39:28	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0109.AVI	9/11/2020 7:40	9/11/2020	7:40:00	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0110.AVI	9/11/2020 7:40	9/11/2020	7:40:22	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0111.AVI	9/11/2020 7:42	9/11/2020	7:42:24	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0112.AVI	9/11/2020 7:43	9/11/2020	7:43:02	Bird	Gallus gallus	2	
WS_CT_07	9/17/2020	IMG_0113.AVI	9/11/2020 7:43	9/11/2020	7:43:38	Bird	Gallus gallus	2	
WS_CT_07	9/17/2020	IMG_0114.AVI	9/11/2020 7:44	9/11/2020	7:44:40	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0114.AVI	9/11/2020 7:44	9/11/2020	7:44:40	Mammal	Unidentified squirrel or shrew	1	
WS_CT_07	9/17/2020	IMG_0115.AVI	9/11/2020 7:47	9/11/2020	7:47:18	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0173.AVI	9/11/2020 17:52	9/11/2020	17:52:10	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0174.AVI	9/11/2020 17:53	9/11/2020	17:53:44	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0175.AVI	9/11/2020 17:54	9/11/2020	17:54:06	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0176.AVI	9/11/2020 17:54	9/11/2020	17:54:42	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0191.AVI	9/12/2020 4:58	9/12/2020	4:58:46	Mammal	Paradoxurus musangus	1	
WS_CT_07	9/17/2020	IMG_0195.AVI	9/12/2020 6:54	9/12/2020	6:54:28	Mammal	Tupaia glis	1	
WS_CT_07	9/17/2020	IMG_0205.AVI	9/12/2020 11:22	9/12/2020	11:22:34	Mammal	Tupaia glis	1	
WS_CT_07	9/17/2020	IMG_0250.AVI	9/13/2020 14:29	9/13/2020	14:29:50	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0253.AVI	9/13/2020 17:10	9/13/2020	17:10:04	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0254.AVI	9/13/2020 17:10	9/13/2020	17:10:24	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0277.AVI	9/14/2020 7:14	9/14/2020	7:14:02	Mammal	Tupaia glis	1	
WS_CT_07	9/17/2020	IMG_0299.AVI	9/14/2020 9:10	9/14/2020	9:10:52	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0312.AVI	9/14/2020 13:00	9/14/2020	13:00:26	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0313.AVI	9/14/2020 15:34	9/14/2020	15:34:00	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0314.AVI	9/14/2020 15:36	9/14/2020	15:36:40	Mammal	Callosciurus notatus	1	
WS_CT_07	9/17/2020	IMG_0315.AVI	9/14/2020 16:22	9/14/2020	16:22:50	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0316.AVI	9/14/2020 19:10	9/14/2020	19:10:16	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0317.AVI	9/14/2020 19:10	9/14/2020	19:10:40	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0318.AVI	9/14/2020 19:11	9/14/2020	19:11:02	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0328.AVI	9/15/2020 0:57	9/15/2020	0:57:46	Mammal	Sus scrofa	2	
WS_CT_07	9/17/2020	IMG_0329.AVI	9/15/2020 0:58	9/15/2020	0:58:08	Mammal	Sus scrofa	2	
WS_CT_07	9/17/2020	IMG_0330.AVI	9/15/2020 0:58	9/15/2020	0:58:34	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0331.AVI	9/15/2020 0:58	9/15/2020	0:58:56	Mammal	Sus scrofa	1	
WS_CT_07	9/17/2020	IMG_0345.AVI	9/15/2020 8:41	9/15/2020	8:41:04	Bird	Gallus gallus	1	
WS_CT_07	9/17/2020	IMG_0346.AVI	9/15/2020 8:41	9/15/2020	8:41:24	Bird	Gallus gallus	3	
WS_CT_08	7/6/2020	IMG_0018.AVI	1/30/2020 7:37	1/30/2020	7:37:32	Bird	Gallus gallus	2	
WS_CT_08	7/6/2020	IMG_0019.AVI	1/30/2020 7:37	1/30/2020	7:37:56	Bird	Unidentified bird	1	
WS_CT_08	7/6/2020	IMG_0037.AVI	1/31/2020 3:44	1/31/2020	3:44:12	Mammal	Sus scrofa	1	Exiting WNP
WS_CT_08	7/6/2020	IMG_0048.AVI	2/1/2020 18:04	2/1/2020	18:04:22	Mammal	Sus scrofa	1	Exiting WNP
WS_CT_08	7/6/2020	IMG_0049.AVI	2/1/2020 18:04	2/1/2020	18:04:56	Mammal	Sus scrofa	1	Exiting WNP
WS_CT_08	7/6/2020	IMG_0050.AVI	2/1/2020 18:05	2/1/2020	18:05:46	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/6/2020	IMG_0051.AVI	2/1/2020 18:09	2/1/2020	18:09:54	Mammal	Sus scrofa	1	Exiting WNP
WS_CT_08	7/6/2020	IMG_0052.AVI	2/1/2020 18:11	2/1/2020	18:11:58	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/6/2020	IMG_0053.AVI	2/1/2020 18:13	2/1/2020	18:13:22	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/6/2020	IMG_0054.AVI	2/1/2020 18:15	2/1/2020	18:15:36	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/6/2020	IMG_0070.AVI	2/2/2020 19:00	2/2/2020	19:00:26	Mammal	Sus scrofa	1	
WS_CT_08	7/6/2020	IMG_0090.AVI	2/3/2020 20:08	2/3/2020	20:08:24	Mammal	Sus scrofa	1	
WS_CT_08	7/6/2020	IMG_0091.AVI	2/3/2020 20:08	2/3/2020	20:08:48	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0016.AVI	7/8/2020 6:28	7/8/2020	6:28:30	NA	Unidentified sp.	1	
WS_CT_08	7/15/2020	IMG_0017.AVI	7/8/2020 7:37	7/8/2020	7:37:32	Bird	Amaurornis phoenicurus	1	Exiting WNP
WS_CT_08	7/15/2020	IMG_0018.AVI	7/9/2020 4:50	7/9/2020	4:50:40	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/15/2020	IMG_0019.AVI	7/9/2020 8:08	7/9/2020	8:08:44	NA	Unidentified sp.	1	
WS_CT_08	7/15/2020	IMG_0020.AVI	7/9/2020 8:11	7/9/2020	8:11:46	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/15/2020	IMG_0021.AVI	7/9/2020 9:08	7/9/2020	9:08:54	Bird	Centropus sinensis	1	
WS_CT_08	7/15/2020	IMG_0022.AVI	7/9/2020 9:09	7/9/2020	9:09:18	Bird	Centropus sinensis	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_08	7/15/2020	IMG_0023.AVI	7/9/2020 9:09	7/9/2020	9:09:44	Bird	Centropus sinensis	1	
WS_CT_08	7/15/2020	IMG_0024.AVI	7/9/2020 9:10	7/9/2020	9:10:04	Bird	Centropus sinensis	1	
WS_CT_08	7/15/2020	IMG_0025.AVI	7/11/2020 8:19	7/11/2020	8:19:54	Bird	Amaurornis phoenicurus	1	Exiting WNP
WS_CT_08	7/15/2020	IMG_0026.AVI	7/11/2020 9:18	7/11/2020	9:18:46	Bird	Unidentified bird	1	
WS_CT_08	7/15/2020	IMG_0027.AVI	7/11/2020 9:19	7/11/2020	9:19:08	Bird	Unidentified bird	1	
WS_CT_08	7/15/2020	IMG_0028.AVI	7/11/2020 9:19	7/11/2020	9:19:34	Bird	Unidentified bird	1	
WS_CT_08	7/15/2020	IMG_0030.AVI	7/11/2020 17:27	7/11/2020	17:27:20	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0031.AVI	7/11/2020 17:27	7/11/2020	17:27:46	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0032.AVI	7/11/2020 17:48	7/11/2020	17:48:22	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0033.AVI	7/11/2020 17:53	7/11/2020	17:53:38	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0034.AVI	7/11/2020 17:54	7/11/2020	17:54:10	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0035.AVI	7/11/2020 20:19	7/11/2020	20:19:04	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0036.AVI	7/11/2020 20:19	7/11/2020	20:19:30	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0037.AVI	7/12/2020 8:25	7/12/2020	8:25:46	Bird	Gallus gallus	1	
WS_CT_08	7/15/2020	IMG_0039.AVI	7/12/2020 8:33	7/12/2020	8:33:54	Bird	Amaurornis phoenicurus	1	Exiting WNP
WS_CT_08	7/15/2020	IMG_0040.AVI	7/12/2020 8:53	7/12/2020	8:53:26	Bird	Amaurornis phoenicurus	1	Exiting WNP
WS_CT_08	7/15/2020	IMG_0041.AVI	7/12/2020 18:50	7/12/2020	18:50:44	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0042.AVI	7/12/2020 22:36	7/12/2020	22:36:42	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0043.AVI	7/13/2020 5:59	7/13/2020	5:59:04	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0044.AVI	7/13/2020 5:59	7/13/2020	5:59:26	Mammal	Sus scrofa	1	
WS_CT_08	7/15/2020	IMG_0045.AVI	7/13/2020 10:24	7/13/2020	10:24:52	Mammal	Callosciurus notatus	1	
WS_CT_08	7/15/2020	IMG_0047.AVI	7/14/2020 18:43	7/14/2020	18:43:36	Bird	Amaurornis phoenicurus	1	Exiting WNP
WS_CT_08	7/15/2020	IMG_0048.AVI	7/15/2020 7:55	7/15/2020	7:55:42	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0006.AVI	7/15/2020 15:46	7/15/2020	15:46:40	Mammal	Sus scrofa	1	Entering WNP, 1 piglet
WS_CT_08	7/28/2020	IMG_0007.AVI	7/15/2020 16:19	7/15/2020	16:19:10	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	7/28/2020	IMG_0008.AVI	7/15/2020 18:34	7/15/2020	18:34:10	Mammal	Sus scrofa	2	Entering WNP
WS_CT_08	7/28/2020	IMG_0011.AVI	7/16/2020 12:05	7/16/2020	12:05:02	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0013.AVI	7/16/2020 12:43	7/16/2020	12:43:20	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0014.AVI	7/16/2020 13:15	7/16/2020	13:15:40	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0015.AVI	7/16/2020 15:44	7/16/2020	15:44:14	Mammal	Macaca fascicularis	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0016.AVI	7/16/2020 15:44	7/16/2020	15:44:36	Mammal	Macaca fascicularis	5	Eating trash
WS_CT_08	7/28/2020	IMG_0017.AVI	7/16/2020 15:44	7/16/2020	15:44:58	Mammal	Macaca fascicularis	3	Interaction with Camera
WS_CT_08	7/28/2020	IMG_0018.AVI	7/16/2020 15:45	7/16/2020	15:45:20	Mammal	Macaca fascicularis	3	
WS_CT_08	7/28/2020	IMG_0019.AVI	7/16/2020 15:46	7/16/2020	15:46:00	Mammal	Macaca fascicularis	3	
WS_CT_08	7/28/2020	IMG_0020.AVI	7/16/2020 15:46	7/16/2020	15:46:20	Mammal	Macaca fascicularis	1	
WS_CT_08	7/28/2020	IMG_0021.AVI	7/17/2020 0:41	7/17/2020	0:41:32	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0022.AVI	7/17/2020 0:41	7/17/2020	0:41:52	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0023.AVI	7/17/2020 9:56	7/17/2020	9:56:36	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	7/28/2020	IMG_0028.AVI	7/17/2020 19:24	7/17/2020	19:24:42	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0029.AVI	7/17/2020 19:25	7/17/2020	19:25:02	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0030.AVI	7/18/2020 2:19	7/18/2020	2:19:56	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0031.AVI	7/18/2020 2:20	7/18/2020	2:20:18	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0032.AVI	7/18/2020 4:42	7/18/2020	4:42:30	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0033.AVI	7/18/2020 4:42	7/18/2020	4:42:52	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0034.AVI	7/18/2020 5:46	7/18/2020	5:46:58	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0035.AVI	7/18/2020 5:47	7/18/2020	5:47:28	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0036.AVI	7/18/2020 8:48	7/18/2020	8:48:26	Bird	Amaurornis phoenicurus	1	
WS_CT_08	7/28/2020	IMG_0037.AVI	7/18/2020 15:38	7/18/2020	15:38:52	Mammal	Sus scrofa	3	Exiting WNP
WS_CT_08	7/28/2020	IMG_0038.AVI	7/18/2020 19:55	7/18/2020	19:55:18	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0039.AVI	7/18/2020 19:55	7/18/2020	19:55:40	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0040.AVI	7/18/2020 19:56	7/18/2020	19:56:08	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0041.AVI	7/18/2020 19:56	7/18/2020	19:56:32	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0042.AVI	7/18/2020 19:56	7/18/2020	19:56:54	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0043.AVI	7/19/2020 0:34	7/19/2020	0:34:38	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0044.AVI	7/19/2020 0:34	7/19/2020	0:34:58	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0045.AVI	7/19/2020 0:35	7/19/2020	0:35:24	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0046.AVI	7/19/2020 0:35	7/19/2020	0:35:46	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0047.AVI	7/19/2020 0:36	7/19/2020	0:36:06	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0048.AVI	7/19/2020 0:36	7/19/2020	0:36:28	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0049.AVI	7/19/2020 0:36	7/19/2020	0:36:52	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0050.AVI	7/19/2020 0:48	7/19/2020	0:48:56	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0051.AVI	7/19/2020 0:49	7/19/2020	0:49:18	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0052.AVI	7/19/2020 0:49	7/19/2020	0:49:46	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0053.AVI	7/19/2020 0:50	7/19/2020	0:50:08	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0054.AVI	7/19/2020 0:51	7/19/2020	0:51:14	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0055.AVI	7/19/2020 0:51	7/19/2020	0:51:38	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0056.AVI	7/19/2020 0:52	7/19/2020	0:52:22	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0057.AVI	7/19/2020 0:53	7/19/2020	0:53:04	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0058.AVI	7/19/2020 0:54	7/19/2020	0:54:14	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0059.AVI	7/19/2020 9:37	7/19/2020	9:37:56	Bird	Spilopelia chinensis	1	
WS_CT_08	7/28/2020	IMG_0061.AVI	7/20/2020 6:49	7/20/2020	6:49:54	Bird	Otus lempiji	1	
WS_CT_08	7/28/2020	IMG_0063.AVI	7/20/2020 7:42	7/20/2020	7:42:26	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0064.AVI	7/20/2020 8:30	7/20/2020	8:30:00	Bird	Gallus gallus	2	Entering WNP
WS_CT_08	7/28/2020	IMG_0065.AVI	7/20/2020 14:10	7/20/2020	14:10:36	Mammal	Sus scrofa	2	Entering WNP, 1 piglet
WS_CT_08	7/28/2020	IMG_0067.AVI	7/21/2020 3:18	7/21/2020	3:18:42	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0068.AVI	7/21/2020 3:20	7/21/2020	3:20:24	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0069.AVI	7/21/2020 3:20	7/21/2020	3:20:46	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0070.AVI	7/21/2020 3:21	7/21/2020	3:21:18	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0071.AVI	7/21/2020 3:21	7/21/2020	3:21:46	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0072.AVI	7/21/2020 3:23	7/21/2020	3:23:02	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0073.AVI	7/21/2020 3:23	7/21/2020	3:23:36	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0074.AVI	7/21/2020 3:24	7/21/2020	3:24:06	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0075.AVI	7/21/2020 3:24	7/21/2020	3:24:38	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0076.AVI	7/21/2020 3:25	7/21/2020	3:25:20	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0077.AVI	7/21/2020 3:25	7/21/2020	3:25:58	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0078.AVI	7/21/2020 3:26	7/21/2020	3:26:20	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_08	7/28/2020	IMG_0079.AVI	7/21/2020 3:26	7/21/2020	3:26:42	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0080.AVI	7/21/2020 3:27	7/21/2020	3:27:02	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0081.AVI	7/21/2020 3:27	7/21/2020	3:27:26	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0082.AVI	7/21/2020 3:28	7/21/2020	3:28:00	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0083.AVI	7/21/2020 3:28	7/21/2020	3:28:26	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0084.AVI	7/21/2020 3:29	7/21/2020	3:29:24	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0085.AVI	7/21/2020 7:44	7/21/2020	7:44:56	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0086.AVI	7/21/2020 9:02	7/21/2020	9:02:50	Bird	Amaurornis phoenicurus	1	
WS_CT_08	7/28/2020	IMG_0097.AVI	7/21/2020 18:18	7/21/2020	18:18:54	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0098.AVI	7/21/2020 18:21	7/21/2020	18:21:12	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0099.AVI	7/21/2020 18:22	7/21/2020	18:22:42	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0100.AVI	7/21/2020 18:23	7/21/2020	18:23:44	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0101.AVI	7/21/2020 18:24	7/21/2020	18:24:10	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0102.AVI	7/21/2020 18:24	7/21/2020	18:24:30	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0103.AVI	7/21/2020 18:25	7/21/2020	18:25:36	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0104.AVI	7/21/2020 18:26	7/21/2020	18:26:30	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0105.AVI	7/21/2020 18:27	7/21/2020	18:27:28	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0106.AVI	7/22/2020 17:47	7/22/2020	17:47:12	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0107.AVI	7/22/2020 17:47	7/22/2020	17:47:40	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0108.AVI	7/22/2020 20:42	7/22/2020	20:42:00	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0109.AVI	7/22/2020 20:42	7/22/2020	20:42:22	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0110.AVI	7/22/2020 20:42	7/22/2020	20:42:56	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0111.AVI	7/22/2020 20:43	7/22/2020	20:43:20	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0112.AVI	7/22/2020 20:43	7/22/2020	20:43:42	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0113.AVI	7/22/2020 20:44	7/22/2020	20:44:16	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0114.AVI	7/22/2020 20:44	7/22/2020	20:44:40	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0115.AVI	7/22/2020 20:45	7/22/2020	20:45:06	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0116.AVI	7/22/2020 20:45	7/22/2020	20:45:32	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0117.AVI	7/22/2020 20:45	7/22/2020	20:45:52	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0118.AVI	7/22/2020 20:46	7/22/2020	20:46:44	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0119.AVI	7/22/2020 20:50	7/22/2020	20:50:34	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0120.AVI	7/22/2020 22:43	7/22/2020	22:43:12	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0121.AVI	7/22/2020 22:43	7/22/2020	22:43:34	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0122.AVI	7/22/2020 22:50	7/22/2020	22:50:04	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0123.AVI	7/22/2020 22:50	7/22/2020	22:50:26	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0124.AVI	7/23/2020 8:45	7/23/2020	8:45:36	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0126.AVI	7/23/2020 23:45	7/23/2020	23:45:14	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0127.AVI	7/23/2020 23:45	7/23/2020	23:45:36	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0129.AVI	7/24/2020 4:38	7/24/2020	4:38:52	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0130.AVI	7/24/2020 4:39	7/24/2020	4:39:42	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0131.AVI	7/24/2020 4:46	7/24/2020	4:46:40	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0132.AVI	7/24/2020 7:57	7/24/2020	7:57:14	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0133.AVI	7/24/2020 7:57	7/24/2020	7:57:36	Bird	Gallus gallus	2	
WS_CT_08	7/28/2020	IMG_0134.AVI	7/24/2020 9:46	7/24/2020	9:46:48	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0135.AVI	7/24/2020 9:47	7/24/2020	9:47:18	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0136.AVI	7/24/2020 11:08	7/24/2020	11:08:30	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0137.AVI	7/24/2020 17:30	7/24/2020	17:30:10	Bird	Gallus gallus	2	
WS_CT_08	7/28/2020	IMG_0138.AVI	7/24/2020 17:32	7/24/2020	17:32:04	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0139.AVI	7/25/2020 1:40	7/25/2020	1:40:04	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0140.AVI	7/25/2020 1:41	7/25/2020	1:41:38	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0141.AVI	7/25/2020 1:52	7/25/2020	1:52:44	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0142.AVI	7/25/2020 8:19	7/25/2020	8:19:40	Bird	Gallus gallus	2	Entering WNP
WS_CT_08	7/28/2020	IMG_0143.AVI	7/25/2020 8:20	7/25/2020	8:20:02	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0144.AVI	7/25/2020 8:20	7/25/2020	8:20:32	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0145.AVI	7/25/2020 8:28	7/25/2020	8:28:16	Bird	Chalcophaps indica	1	
WS_CT_08	7/28/2020	IMG_0146.AVI	7/25/2020 9:11	7/25/2020	9:11:14	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0147.AVI	7/25/2020 12:03	7/25/2020	12:03:08	Bird	Chalcophaps indica	1	Exiting WNP
WS_CT_08	7/28/2020	IMG_0148.AVI	7/25/2020 12:31	7/25/2020	12:31:14	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0149.AVI	7/25/2020 12:32	7/25/2020	12:32:42	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0150.AVI	7/25/2020 12:33	7/25/2020	12:33:50	Mammal	Sus scrofa	1	Entering WNP, hindleg stuck in trash
WS_CT_08	7/28/2020	IMG_0151.AVI	7/25/2020 19:57	7/25/2020	19:57:20	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0152.AVI	7/25/2020 19:58	7/25/2020	19:58:12	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0153.AVI	7/26/2020 6:59	7/26/2020	6:59:06	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0154.AVI	7/26/2020 6:59	7/26/2020	6:59:28	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0155.AVI	7/26/2020 7:05	7/26/2020	7:05:40	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0156.AVI	7/26/2020 7:32	7/26/2020	7:32:26	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0157.AVI	7/26/2020 9:48	7/26/2020	9:48:02	Mammal	Unidentified squirrel or shrew	1	Entering WNP, likely Tupaia glis?
WS_CT_08	7/28/2020	IMG_0158.AVI	7/26/2020 15:13	7/26/2020	15:13:04	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0159.AVI	7/26/2020 22:27	7/26/2020	22:27:18	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0160.AVI	7/26/2020 22:33	7/26/2020	22:33:12	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0161.AVI	7/27/2020 3:04	7/27/2020	3:04:06	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0162.AVI	7/27/2020 3:04	7/27/2020	3:04:28	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0163.AVI	7/27/2020 3:05	7/27/2020	3:05:06	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0164.AVI	7/27/2020 7:50	7/27/2020	7:50:36	Mammal	Sus scrofa	1	
WS_CT_08	7/28/2020	IMG_0165.AVI	7/27/2020 7:51	7/27/2020	7:51:08	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	7/28/2020	IMG_0166.AVI	7/28/2020 8:27	7/28/2020	8:27:16	Bird	Gallus gallus	1	
WS_CT_08	7/28/2020	IMG_0167.AVI	7/28/2020 8:28	7/28/2020	8:28:14	Bird	Gallus gallus	2	
WS_CT_08	7/28/2020	IMG_0168.AVI	7/28/2020 11:19	7/28/2020	11:19:10	Bird	Pycnonotus goiavier	2	
WS_CT_08	7/28/2020	IMG_0169.AVI	7/28/2020 11:19	7/28/2020	11:19:54	Bird	Pycnonotus goiavier	1	
WS_CT_08	8/7/2020	IMG_0006.AVI	7/28/2020 20:47	7/28/2020	20:47:04	Mammal	Sus scrofa	1	Exiting WNP
WS_CT_08	8/7/2020	IMG_0007.AVI	7/28/2020 20:50	7/28/2020	20:50:56	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	8/7/2020	IMG_0008.AVI	7/29/2020 7:51	7/29/2020	7:51:00	Bird	Gallus gallus	1	
WS_CT_08	8/7/2020	IMG_0009.AVI	7/29/2020 10:03	7/29/2020	10:03:40	Bird	Gallus gallus	2	
WS_CT_08	8/7/2020	IMG_0010.AVI	7/29/2020 14:44	7/29/2020	14:44:54	Mammal	Sus scrofa	1	

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_08	8/7/2020	IMG_0011.AVI	7/29/2020 14:46	7/29/2020	14:46:20	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0012.AVI	7/29/2020 14:48	7/29/2020	14:48:38	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0013.AVI	7/29/2020 14:49	7/29/2020	14:49:22	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0014.AVI	7/29/2020 14:54	7/29/2020	14:54:44	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0015.AVI	7/30/2020 7:37	7/30/2020	7:37:38	Bird	Gallus gallus	1	
WS_CT_08	8/7/2020	IMG_0016.AVI	7/30/2020 7:38	7/30/2020	7:38:12	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	8/7/2020	IMG_0017.AVI	7/30/2020 10:22	7/30/2020	10:22:10	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	8/7/2020	IMG_0018.AVI	7/30/2020 11:02	7/30/2020	11:02:06	Bird	Gallus gallus	2	
WS_CT_08	8/7/2020	IMG_0020.AVI	7/30/2020 17:07	7/30/2020	17:07:12	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0021.AVI	7/30/2020 17:07	7/30/2020	17:07:54	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0022.AVI	7/30/2020 17:09	7/30/2020	17:09:44	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	8/7/2020	IMG_0024.AVI	7/30/2020 19:29	7/30/2020	19:29:50	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0025.AVI	7/31/2020 8:57	7/31/2020	8:57:28	Bird	Gallus gallus	1	
WS_CT_08	8/7/2020	IMG_0026.AVI	7/31/2020 9:30	7/31/2020	9:30:08	NA	Unidentified sp.	1	Gallus gallus calling but not sure if shadow in CT belongs to it
WS_CT_08	8/7/2020	IMG_0027.AVI	7/31/2020 9:35	7/31/2020	9:35:10	Bird	Gallus gallus	1	
WS_CT_08	8/7/2020	IMG_0028.AVI	8/1/2020 7:48	8/1/2020	7:48:06	Bird	Gallus gallus	1	
WS_CT_08	8/7/2020	IMG_0029.AVI	8/1/2020 7:48	8/1/2020	7:48:48	Bird	Gallus gallus	2	
WS_CT_08	8/7/2020	IMG_0030.AVI	8/1/2020 18:14	8/1/2020	18:14:30	Mammal	Macaca fascicularis	1	
WS_CT_08	8/7/2020	IMG_0031.AVI	8/1/2020 18:14	8/1/2020	18:14:52	Mammal	Macaca fascicularis	1	
WS_CT_08	8/7/2020	IMG_0032.AVI	8/1/2020 18:15	8/1/2020	18:15:18	Mammal	Macaca fascicularis	1	
WS_CT_08	8/7/2020	IMG_0033.AVI	8/1/2020 18:34	8/1/2020	18:34:38	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	8/7/2020	IMG_0034.AVI	8/2/2020 3:41	8/2/2020	3:41:44	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0035.AVI	8/2/2020 3:42	8/2/2020	3:42:12	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0036.AVI	8/2/2020 3:42	8/2/2020	3:42:38	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0037.AVI	8/2/2020 3:43	8/2/2020	3:43:06	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	8/7/2020	IMG_0038.AVI	8/2/2020 3:44	8/2/2020	3:44:52	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0039.AVI	8/2/2020 7:33	8/2/2020	7:33:46	Bird	Gallus gallus	1	
WS_CT_08	8/7/2020	IMG_0040.AVI	8/2/2020 7:34	8/2/2020	7:34:52	Bird	Gallus gallus	2	
WS_CT_08	8/7/2020	IMG_0041.AVI	8/2/2020 8:29	8/2/2020	8:29:48	Bird	Gallus gallus	1	
WS_CT_08	8/7/2020	IMG_0042.AVI	8/2/2020 8:42	8/2/2020	8:42:40	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0046.AVI	8/4/2020 9:27	8/4/2020	9:27:32	Bird	Gallus gallus	3	
WS_CT_08	8/7/2020	IMG_0047.AVI	8/4/2020 9:28	8/4/2020	9:28:50	Bird	Gallus gallus	2	
WS_CT_08	8/7/2020	IMG_0048.AVI	8/4/2020 17:14	8/4/2020	17:14:30	Mammal	Sus scrofa	2	
WS_CT_08	8/7/2020	IMG_0049.AVI	8/4/2020 17:17	8/4/2020	17:17:10	Mammal	Sus scrofa	2	
WS_CT_08	8/7/2020	IMG_0050.AVI	8/4/2020 17:17	8/4/2020	17:17:58	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0052.AVI	8/5/2020 7:43	8/5/2020	7:43:24	Bird	Gallus gallus	2	
WS_CT_08	8/7/2020	IMG_0053.AVI	8/5/2020 9:30	8/5/2020	9:30:04	Bird	Gallus gallus	2	
WS_CT_08	8/7/2020	IMG_0066.AVI	8/5/2020 14:46	8/5/2020	14:46:00	Mammal	Sus scrofa	1	
WS_CT_08	8/7/2020	IMG_0075.AVI	8/6/2020 8:05	8/6/2020	8:05:18	Bird	Gallus gallus	3	
WS_CT_08	9/8/2020	IMG_0005.AVI	8/8/2020 11:21	8/8/2020	11:21:44	Bird	Spilopelia chinensis	1	
WS_CT_08	9/8/2020	IMG_0006.AVI	8/8/2020 17:02	8/8/2020	17:02:10	Bird	Gallus gallus	1	
WS_CT_08	9/8/2020	IMG_0007.AVI	8/8/2020 19:29	8/8/2020	19:29:46	Mammal	Sus scrofa	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0008.AVI	8/8/2020 23:10	8/8/2020	23:10:44	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0009.AVI	8/8/2020 23:11	8/8/2020	23:11:04	Mammal	Sus scrofa	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0010.AVI	8/8/2020 23:12	8/8/2020	23:12:30	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0011.AVI	8/8/2020 23:38	8/8/2020	23:38:42	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0013.AVI	8/9/2020 7:30	8/9/2020	7:30:26	Bird	Gallus gallus	3	Entering WNP
WS_CT_08	9/8/2020	IMG_0015.AVI	8/9/2020 15:39	8/9/2020	15:39:20	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0016.AVI	8/9/2020 15:40	8/9/2020	15:40:44	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0017.AVI	8/9/2020 16:34	8/9/2020	16:34:02	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0018.AVI	8/10/2020 5:40	8/10/2020	5:40:18	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0019.AVI	8/10/2020 7:16	8/10/2020	7:16:50	Bird	Amaurornis phoenicurus	1	
WS_CT_08	9/8/2020	IMG_0020.AVI	8/10/2020 7:40	8/10/2020	7:40:10	Bird	Gallus gallus	3	Entering WNP
WS_CT_08	9/8/2020	IMG_0021.AVI	8/10/2020 7:40	8/10/2020	7:40:34	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0022.AVI	8/10/2020 23:21	8/10/2020	23:21:00	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0023.AVI	8/11/2020 7:34	8/11/2020	7:34:34	Bird	Gallus gallus	2	Entering WNP
WS_CT_08	9/8/2020	IMG_0024.AVI	8/11/2020 8:53	8/11/2020	8:53:12	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0025.AVI	8/11/2020 9:22	8/11/2020	9:22:22	Bird	Centropus sinensis	1	
WS_CT_08	9/8/2020	IMG_0026.AVI	8/11/2020 10:38	8/11/2020	10:38:08	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0027.AVI	8/12/2020 8:00	8/12/2020	8:00:26	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0028.AVI	8/12/2020 8:01	8/12/2020	8:01:12	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0029.AVI	8/12/2020 8:21	8/12/2020	8:21:10	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0030.AVI	8/12/2020 18:57	8/12/2020	18:57:02	Mammal	Sus scrofa	2	
WS_CT_08	9/8/2020	IMG_0031.AVI	8/13/2020 9:27	8/13/2020	9:27:20	Bird	Gallus gallus	2	Exiting WNP
WS_CT_08	9/8/2020	IMG_0032.AVI	8/13/2020 11:45	8/13/2020	11:45:10	Bird	Gallus gallus	1	
WS_CT_08	9/8/2020	IMG_0034.AVI	8/13/2020 13:17	8/13/2020	13:17:32	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0037.AVI	8/14/2020 5:37	8/14/2020	5:37:00	NA	Unidentified sp.	1	Likely rattus sp.
WS_CT_08	9/8/2020	IMG_0038.AVI	8/14/2020 8:15	8/14/2020	8:15:42	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0040.AVI	8/15/2020 6:32	8/15/2020	6:32:04	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0041.AVI	8/15/2020 7:19	8/15/2020	7:19:36	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0046.AVI	8/15/2020 14:37	8/15/2020	14:37:12	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0047.AVI	8/15/2020 14:37	8/15/2020	14:37:52	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0048.AVI	8/15/2020 22:28	8/15/2020	22:28:28	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0049.AVI	8/15/2020 22:29	8/15/2020	22:29:02	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0051.AVI	8/16/2020 8:26	8/16/2020	8:26:00	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0052.AVI	8/16/2020 10:53	8/16/2020	10:53:50	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0053.AVI	8/16/2020 17:15	8/16/2020	17:15:16	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0054.AVI	8/16/2020 22:22	8/16/2020	22:22:06	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0055.AVI	8/16/2020 22:22	8/16/2020	22:22:32	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0056.AVI	8/17/2020 6:36	8/17/2020	6:36:00	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0057.AVI	8/17/2020 14:31	8/17/2020	14:31:50	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0059.AVI	8/17/2020 19:18	8/17/2020	19:18:30	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0060.AVI	8/17/2020 21:58	8/17/2020	21:58:04	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0062.AVI	8/18/2020 10:06	8/18/2020	10:06:22	Bird	Chalcophaps indica	1	

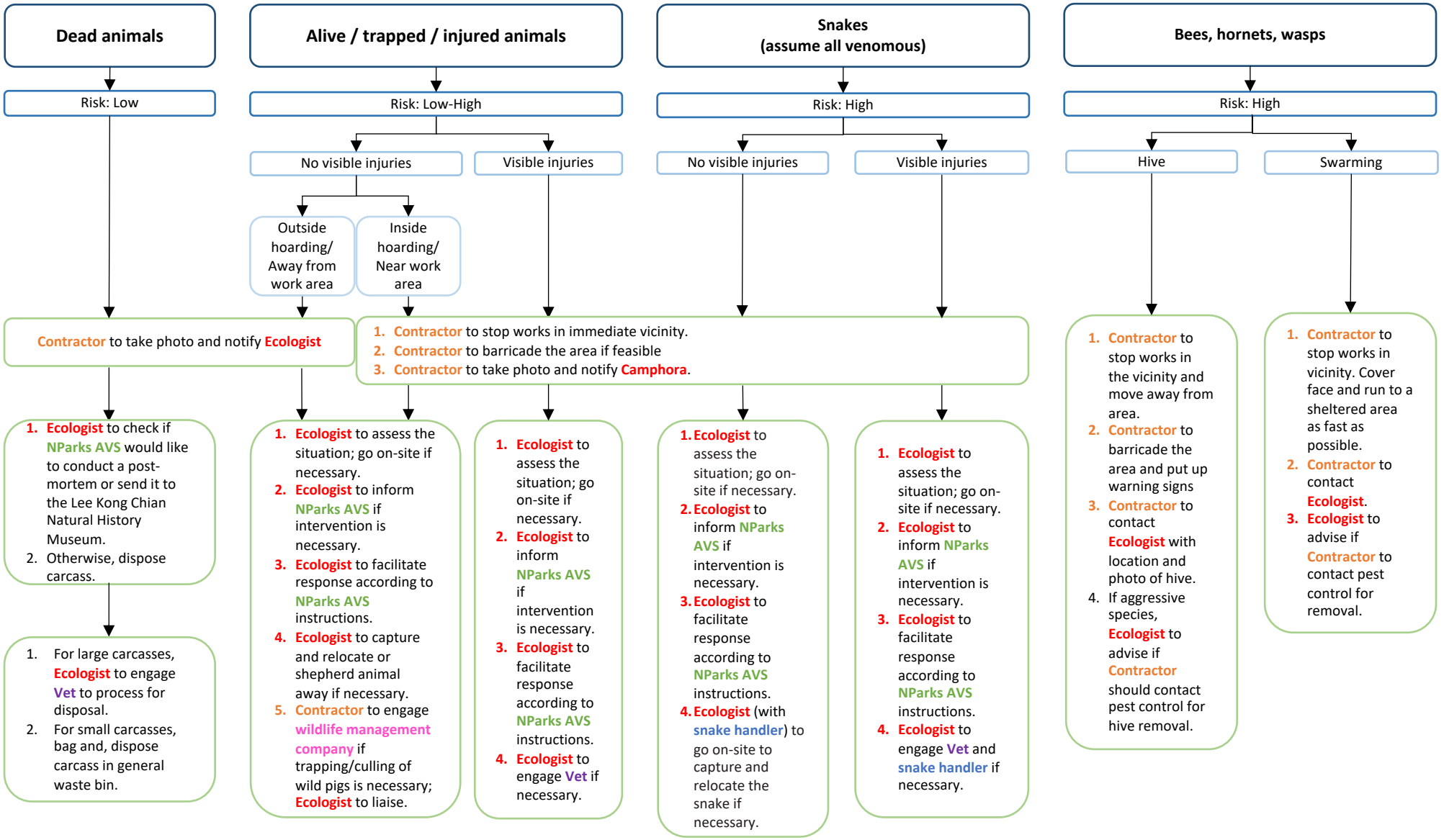
Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_08	9/8/2020	IMG_0063.AVI	8/18/2020 15:13	8/18/2020	15:13:56	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0064.AVI	8/20/2020 6:23	8/20/2020	6:23:02	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0065.AVI	8/20/2020 6:23	8/20/2020	6:23:26	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0066.AVI	8/20/2020 6:23	8/20/2020	6:23:56	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0067.AVI	8/20/2020 7:59	8/20/2020	7:59:52	Bird	Gallus gallus	2	
WS_CT_08	9/8/2020	IMG_0068.AVI	8/20/2020 9:35	8/20/2020	9:35:10	NA	Unidentified sp.	1	
WS_CT_08	9/8/2020	IMG_0069.AVI	8/21/2020 7:37	8/21/2020	7:37:04	Bird	Gallus gallus	2	Entering WNP
WS_CT_08	9/8/2020	IMG_0070.AVI	8/21/2020 11:10	8/21/2020	11:10:24	Bird	Gallus gallus	2	
WS_CT_08	9/8/2020	IMG_0072.AVI	8/21/2020 13:29	8/21/2020	13:29:02	Reptile	Varanus salvator	1	
WS_CT_08	9/8/2020	IMG_0073.AVI	8/21/2020 15:51	8/21/2020	15:51:06	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0074.AVI	8/22/2020 3:39	8/22/2020	3:39:54	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0075.AVI	8/22/2020 9:15	8/22/2020	9:15:28	Mammal	Macaca fascicularis	1	
WS_CT_08	9/8/2020	IMG_0076.AVI	8/22/2020 9:16	8/22/2020	9:16:22	Mammal	Macaca fascicularis	2	
WS_CT_08	9/8/2020	IMG_0077.AVI	8/22/2020 9:16	8/22/2020	9:16:56	Mammal	Macaca fascicularis	2	
WS_CT_08	9/8/2020	IMG_0078.AVI	8/22/2020 9:17	8/22/2020	9:17:16	Mammal	Macaca fascicularis	2	
WS_CT_08	9/8/2020	IMG_0079.AVI	8/22/2020 9:17	8/22/2020	9:17:42	Mammal	Macaca fascicularis	2	
WS_CT_08	9/8/2020	IMG_0080.AVI	8/22/2020 9:18	8/22/2020	9:18:04	Mammal	Macaca fascicularis	2	Interaction with camera
WS_CT_08	9/8/2020	IMG_0081.AVI	8/22/2020 9:18	8/22/2020	9:18:26	Mammal	Macaca fascicularis	2	Interaction with camera
WS_CT_08	9/8/2020	IMG_0082.AVI	8/22/2020 9:18	8/22/2020	9:18:48	Mammal	Macaca fascicularis	1	Interaction with camera
WS_CT_08	9/8/2020	IMG_0083.AVI	8/22/2020 9:19	8/22/2020	9:19:38	Mammal	Macaca fascicularis	1	
WS_CT_08	9/8/2020	IMG_0085.AVI	8/22/2020 9:24	8/22/2020	9:24:14	Mammal	Macaca fascicularis	2	
WS_CT_08	9/8/2020	IMG_0088.AVI	8/22/2020 9:28	8/22/2020	9:28:56	Mammal	Macaca fascicularis	1	
WS_CT_08	9/8/2020	IMG_0089.AVI	8/22/2020 9:30	8/22/2020	9:30:34	Mammal	Macaca fascicularis	1	
WS_CT_08	9/8/2020	IMG_0090.AVI	8/22/2020 9:33	8/22/2020	9:33:34	Mammal	Macaca fascicularis	1	Interaction with camera
WS_CT_08	9/8/2020	IMG_0091.AVI	8/22/2020 9:33	8/22/2020	9:33:54	Mammal	Macaca fascicularis	2	Interaction with camera
WS_CT_08	9/8/2020	IMG_0093.AVI	8/22/2020 14:04	8/22/2020	14:04:26	Bird	Amaurornis phoenicurus	1	
WS_CT_08	9/8/2020	IMG_0094.AVI	8/23/2020 7:54	8/23/2020	7:54:50	Bird	Gallus gallus	1	
WS_CT_08	9/8/2020	IMG_0102.AVI	8/24/2020 14:31	8/24/2020	14:31:04	Bird	Gallus gallus	2	Entering WNP
WS_CT_08	9/8/2020	IMG_0103.AVI	8/24/2020 17:37	8/24/2020	17:37:58	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0104.AVI	8/24/2020 17:41	8/24/2020	17:41:24	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0105.AVI	8/24/2020 17:41	8/24/2020	17:41:46	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0106.AVI	8/24/2020 17:42	8/24/2020	17:42:28	Mammal	Sus scrofa	2	1 piglet
WS_CT_08	9/8/2020	IMG_0107.AVI	8/24/2020 18:10	8/24/2020	18:10:32	Bird	Amaurornis phoenicurus	1	
WS_CT_08	9/8/2020	IMG_0108.AVI	8/25/2020 9:22	8/25/2020	9:22:12	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0109.AVI	8/25/2020 9:22	8/25/2020	9:22:34	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0110.AVI	8/25/2020 9:27	8/25/2020	9:27:16	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0111.AVI	8/25/2020 9:27	8/25/2020	9:27:38	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0112.AVI	8/25/2020 9:29	8/25/2020	9:29:18	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0113.AVI	8/25/2020 18:57	8/25/2020	18:57:50	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0114.AVI	8/25/2020 18:58	8/25/2020	18:58:12	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0115.AVI	8/25/2020 19:00	8/25/2020	19:00:32	Bird	Amaurornis phoenicurus	1	
WS_CT_08	9/8/2020	IMG_0116.AVI	8/25/2020 19:38	8/25/2020	19:38:46	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0117.AVI	8/25/2020 19:39	8/25/2020	19:39:10	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0118.AVI	8/25/2020 19:39	8/25/2020	19:39:32	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0119.AVI	8/25/2020 19:39	8/25/2020	19:39:54	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0125.AVI	8/26/2020 15:57	8/26/2020	15:57:40	Bird	Amaurornis phoenicurus	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0126.AVI	8/26/2020 18:07	8/26/2020	18:07:10	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0127.AVI	8/26/2020 20:22	8/26/2020	20:22:46	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0128.AVI	8/26/2020 20:23	8/26/2020	20:23:08	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0129.AVI	8/26/2020 20:23	8/26/2020	20:23:28	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0130.AVI	8/26/2020 20:31	8/26/2020	20:31:18	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0136.AVI	8/27/2020 15:07	8/27/2020	15:07:06	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0137.AVI	8/27/2020 15:07	8/27/2020	15:07:36	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0138.AVI	8/27/2020 15:08	8/27/2020	15:08:06	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0139.AVI	8/27/2020 15:08	8/27/2020	15:08:42	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0140.AVI	8/27/2020 15:11	8/27/2020	15:11:02	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0141.AVI	8/27/2020 15:11	8/27/2020	15:11:28	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0142.AVI	8/27/2020 15:11	8/27/2020	15:11:54	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0143.AVI	8/27/2020 15:12	8/27/2020	15:12:38	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0144.AVI	8/27/2020 15:13	8/27/2020	15:13:08	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0145.AVI	8/27/2020 15:15	8/27/2020	15:15:02	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0146.AVI	8/27/2020 15:16	8/27/2020	15:16:32	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0147.AVI	8/27/2020 18:49	8/27/2020	18:49:12	Bird	Gallus gallus	2	Exiting WNP
WS_CT_08	9/8/2020	IMG_0148.AVI	8/27/2020 20:10	8/27/2020	20:10:22	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0149.AVI	8/27/2020 20:12	8/27/2020	20:12:04	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0150.AVI	8/27/2020 20:12	8/27/2020	20:12:26	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0151.AVI	8/27/2020 21:26	8/27/2020	21:26:02	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0152.AVI	8/27/2020 21:26	8/27/2020	21:26:46	Mammal	Sus scrofa	2	
WS_CT_08	9/8/2020	IMG_0153.AVI	8/28/2020 4:25	8/28/2020	4:25:50	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0154.AVI	8/28/2020 4:27	8/28/2020	4:27:44	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0155.AVI	8/28/2020 15:53	8/28/2020	15:53:48	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0156.AVI	8/28/2020 16:30	8/28/2020	16:30:14	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0157.AVI	8/28/2020 16:34	8/28/2020	16:34:12	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0158.AVI	8/28/2020 16:34	8/28/2020	16:34:50	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0159.AVI	8/28/2020 20:39	8/28/2020	20:39:58	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0160.AVI	8/28/2020 20:40	8/28/2020	20:40:18	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0161.AVI	8/28/2020 20:40	8/28/2020	20:40:40	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0162.AVI	8/28/2020 20:41	8/28/2020	20:41:00	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0163.AVI	8/28/2020 20:41	8/28/2020	20:41:46	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0164.AVI	8/29/2020 2:55	8/29/2020	2:55:36	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0165.AVI	8/29/2020 2:56	8/29/2020	2:56:00	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0166.AVI	8/29/2020 3:05	8/29/2020	3:05:56	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0168.AVI	8/29/2020 3:17	8/29/2020	3:17:06	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0169.AVI	8/29/2020 3:17	8/29/2020	3:17:34	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0170.AVI	8/29/2020 3:17	8/29/2020	3:17:58	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0171.AVI	8/29/2020 7:41	8/29/2020	7:41:34	Bird	Gallus gallus	1	Entering WNP

Station	Sampling Date	FileName	FileModifyDate	Date	Time	Taxon	Scientific name	Quantity	Remarks
WS_CT_08	9/8/2020	IMG_0174.AVI	8/29/2020 14:28	8/29/2020	14:28:26	Bird	Gallus gallus	1	Exiting WNP
WS_CT_08	9/8/2020	IMG_0175.AVI	8/29/2020 19:41	8/29/2020	19:41:02	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0176.AVI	8/29/2020 19:47	8/29/2020	19:47:20	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0178.AVI	8/30/2020 7:27	8/30/2020	7:27:48	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0180.AVI	8/30/2020 8:05	8/30/2020	8:05:20	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0225.AVI	8/30/2020 11:55	8/30/2020	11:55:38	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0234.AVI	8/30/2020 17:27	8/30/2020	17:27:36	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0235.AVI	8/30/2020 19:59	8/30/2020	19:59:02	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0236.AVI	8/30/2020 23:21	8/30/2020	23:21:58	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0237.AVI	8/31/2020 7:24	8/31/2020	7:24:26	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0248.AVI	9/1/2020 9:17	9/1/2020	9:17:06	Bird	Gallus gallus	1	
WS_CT_08	9/8/2020	IMG_0304.AVI	9/1/2020 21:15	9/1/2020	21:15:48	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0305.AVI	9/2/2020 6:29	9/2/2020	6:29:44	Mammal	Manis javanica	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0307.AVI	9/2/2020 16:59	9/2/2020	16:59:20	Mammal	Macaca fascicularis	2	
WS_CT_08	9/8/2020	IMG_0308.AVI	9/3/2020 7:26	9/3/2020	7:26:00	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0309.AVI	9/3/2020 8:04	9/3/2020	8:04:40	Bird	Gallus gallus	1	
WS_CT_08	9/8/2020	IMG_0310.AVI	9/3/2020 9:03	9/3/2020	9:03:42	Bird	Centropus sinensis	1	
WS_CT_08	9/8/2020	IMG_0311.AVI	9/4/2020 5:40	9/4/2020	5:40:32	Mammal	Manis javanica	1	
WS_CT_08	9/8/2020	IMG_0312.AVI	9/4/2020 8:14	9/4/2020	8:14:26	Bird	Gallus gallus	2	
WS_CT_08	9/8/2020	IMG_0313.AVI	9/5/2020 7:38	9/5/2020	7:38:26	Bird	Amaurornis phoenicurus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0315.AVI	9/5/2020 8:11	9/5/2020	8:11:46	Bird	Gallus gallus	1	
WS_CT_08	9/8/2020	IMG_0316.AVI	9/5/2020 13:01	9/5/2020	13:01:26	Bird	Gallus gallus	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0317.AVI	9/5/2020 14:51	9/5/2020	14:51:42	Bird	Chalcophaps indica	1	
WS_CT_08	9/8/2020	IMG_0318.AVI	9/5/2020 15:34	9/5/2020	15:34:02	Bird	Amaurornis phoenicurus	1	
WS_CT_08	9/8/2020	IMG_0319.AVI	9/5/2020 17:44	9/5/2020	17:44:10	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0320.AVI	9/5/2020 17:44	9/5/2020	17:44:40	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0321.AVI	9/5/2020 17:45	9/5/2020	17:45:08	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0322.AVI	9/6/2020 10:47	9/6/2020	10:47:00	Reptile	Varanus sp.	1	
WS_CT_08	9/8/2020	IMG_0323.AVI	9/6/2020 13:56	9/6/2020	13:56:24	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0324.AVI	9/6/2020 19:46	9/6/2020	19:46:00	Mammal	Sus scrofa	1	
WS_CT_08	9/8/2020	IMG_0325.AVI	9/6/2020 19:46	9/6/2020	19:46:20	Mammal	Sus scrofa	1	Entering WNP
WS_CT_08	9/8/2020	IMG_0331.AVI	9/8/2020 2:52	9/8/2020	2:52:34	NA	Unidentified sp.	1	
WS_CT_08	9/8/2020	IMG_0332.AVI	9/8/2020 4:56	9/8/2020	4:56:20	Mammal	Sus scrofa	1	

Station	Latitude	Longitude	Deployment date	End Date	No. of trap nights
WS_CT_01	1.36451	103.82768	6-Apr-20	6-Jul-20	72
WS_CT_02	1.36259	103.82537	6-Apr-20	6-Jul-20	66
WS_CT_03	1.36123	103.82293	6-Apr-20	7-Aug-20	61
WS_CT_04	1.36028	103.82053	6-Apr-20	18-Aug-20	72
WS_CT_05	1.358127985,	103.82006	29-Jun-20	8-Sep-20	71
WS_CT_06	1.35973	103.82221	29-Jun-20	17-Sep-20	48
WS_CT_07	1.36000	103.82447	29-Jun-20	17-Sep-20	55
WS_CT_08	1.36129	103.82523	29-Jun-20	8-Sep-20	71
WS_ARBCT_01	1.36082	103.82355	1-Jul-20	15-Sep-20	61
WS_ARBCT_02	1.36103	103.82299	1-Jul-20	15-Sep-20	46
WS_ARBCT_03	1.36122	103.82153	1-Jul-20	15-Sep-20	75
WS_ARBCT_04	1.36009	103.82061	1-Jul-20	15-Sep-20	76
WS_ARBCT_05	1.36069	103.82096	1-Jul-20	15-Sep-20	71
WS_ARBCT_1B	1.36096	103.82356	28-Jul-20	15-Sep-20	33

Appendix K

Fauna Response and Rescue Plan


Dead animals
Risk: Low
Contractor to take photo and notify Ecologist
1. Ecologist to check if NParks AVS would like to conduct a post-mortem or send it to the Lee Kong Chian Natural History Museum.
2. Otherwise, dispose carcass.
1. For large carcasses, Ecologist to engage Vet to process for disposal.
2. For small carcasses, bag and, dispose carcass in general waste bin.
Alive / trapped / injured animals
Risk: Low-High
No visible injuries
Visible injuries
Outside hoarding/ Away from work area
Inside hoarding/ Near work area
1. Ecologist to assess the situation; go on-site if necessary.
2. Ecologist to inform NParks AVS if intervention is necessary.
3. Ecologist to facilitate response according to NParks AVS instructions.
4. Ecologist to capture and relocate or shepherd animal away if necessary.
5. Contractor to engage wildlife management company if trapping/culling of wild pigs is necessary; Ecologist to liaise.
1. Ecologist to assess the situation; go on-site if necessary.
2. Ecologist to inform NParks AVS if intervention is necessary.
3. Ecologist to facilitate response according to NParks AVS instructions.
4. Ecologist to engage Vet if necessary.
Snakes (assume all venomous)
Risk: High
No visible injuries
Visible injuries
1. Ecologist to assess the situation; go on-site if necessary.
2. Ecologist to inform NParks AVS if intervention is necessary.
3. Ecologist to facilitate response according to NParks AVS instructions.
4. Ecologist (with snake handler) to go on-site to capture and relocate the snake if necessary.
1. Ecologist to assess the situation; go on-site if necessary.
2. Ecologist to inform NParks AVS if intervention is necessary.
3. Ecologist to facilitate response according to NParks AVS instructions.
4. Ecologist to engage Vet and snake handler if necessary.
1. Contractor to stop works in immediate vicinity.
2. Contractor to barricade the area if feasible
3. Contractor to take photo and notify Camphora.
Bees, hornets, wasps
Risk: High
Hive
Swarming
1. Contractor to stop works in the vicinity and move away from area.
2. Contractor to barricade the area and put up warning signs
3. Contractor to contact Ecologist with location and photo of hive.
4. If aggressive species, Ecologist to advise if Contractor should contact pest control for hive removal.
1. Contractor to stop works in vicinity. Cover face and run to a sheltered area as fast as possible.
2. Contractor to contact Ecologist.
3. Ecologist to advise if Contractor to contact pest control for removal.

Appendix L

Baseline Surface Water Quality Report

TEST REPORT

Our Reference No.	:	**R200592**	Date Received	: 06/02/2020
Project Code / Ref.	:	60617507	Date Commenced	: 06/02/2020
			Date Reported	: 17/02/2020
Customer Ref. No.	:	-		
Customer Name	:	AECOM Singapore Pte Ltd		
Customer Address	:	300 Beach Road #03-00 The Concourse Singapore 199555		
Attention To	:	Ms Liang Liang		
Sample Description	:	3 Water Samples		
RESULTS:		Refer to Page 2		

Tan Thuan Piang
Laboratory Manager

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Website: www.mls.sg

R200592

RESULTS

Test Parameter	Unit	Test Method	Sampling Date: 05/02/2020		Detection Limit
			[redacted]	WQ13	
Turbidity	NTU	APHA 2130B		45	-
Biochemical Oxygen Demand (BOD)	mg/L	APHA 5210B		1.98	1
Chemical Oxygen Demand,COD	mg O_2/L	HACH Method 8000		<5	5
Total Nitrogen as TN	mg/L	APHA 4500-P (J)		0.70	0.01
Total Phosphorus as TP	mg/L	APHA 4500-P (J)		0.27	0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)		0.22	0.005
Orthophosphates as PO_4	mg/L	APHA 4500-P (G)		0.22	0.005
Total Suspended Solids, TSS	mg/L	APHA 2540D		8.00	1

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 23rd Edition, 2017)
2. "<" = Less than. The data reported is less than Detection Limit of the test.

TEST REPORT

Our Reference No.	:	**R201356**	Date Received	: 17/03/2020
Project Code / Ref.	:		Date Commenced	: 17/03/2020
			Date Reported	: 24/03/2020
Customer Ref. No.	:	60617507		
Customer Name	:	AECOM Singapore Pte Ltd		
Customer Address	:	300 Beach Road #03-00 The Concourse Singapore 199555		
Attention To	:	Ms Liang Liang		
Sample Description	:	10 Water Samples		
RESULTS:		Refer to Page 2		

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Technical Manager

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Website: www.mls.sg

R201356

RESULTS

Test Parameter	Unit	Test Method	Sampling Date: 17/03/2020 [redacted]	LOR
Turbidity	NTU	APHA 2130B		-
Total Suspended Solids as TSS	mg/L	APHA 2540D		1
Biochemical Oxygen Demand,BOD	mg/L	APHA 5210B		1
Chemical Oxygen Demand,COD	mg/L	HACH Method 8000		5
Total Nitrogen as TN	mg/L	APHA 4500-P (J)		0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)		0.005
Total Phosphorus as TP	mg/L	APHA 4500-P (J)		0.01
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)		0.005

Test Parameter	Unit	Test Method	Sampling Date: 17/03/2020 [redacted]	Sample 10 WQ13	LOR
Turbidity	NTU	APHA 2130B		19	-
Total Suspended Solids as TSS	mg/L	APHA 2540D		7.67	1
Biochemical Oxygen Demand,BOD	mg/L	APHA 5210B		1.86	1
Chemical Oxygen Demand,COD	mg/L	HACH Method 8000		5	5
Total Nitrogen as TN	mg/L	APHA 4500-P (J)		0.78	0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)		0.24	0.005
Total Phosphorus as TP	mg/L	APHA 4500-P (J)		0.10	0.01
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)		0.057	0.005

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 22nd Edition, 2012)
2. "<" = Less than. The data reported is less than Detection Limit of the test.

TEST REPORT

Our Reference No.	:	**R204910**	Date Received	:	26/08/2020
Project Code / Ref.	:	CR2005	Date Commenced	:	26/08/2020
			Date Reported	:	02/09/2020
Customer Ref. No.	:	60617507			
Customer Name	:	AECOM Singapore Pte Ltd			
Customer Address	:	300 Beach Road #03-00 The Concourse Singapore 199555			
Attention To	:	Ms Liang Liang			
Sample Description	:	3 Water Samples			
RESULTS:		Refer to Page 2			

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Technical Manager

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Website: www.mls.sg

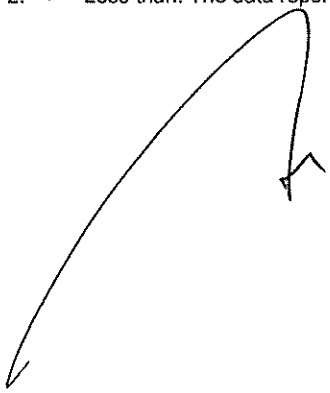
R204910

RESULTS

Test Parameter	Unit	Test Method	Sample 1	Sample 2	Sample 3	LOR
			WQ 11	WQ 12	WQ 11A	
Turbidity	NTU	APHA 2130B	2.5	1.4	36	-
Total Suspended Solids as TSS	mg/L	APHA 2540D	16.7	<1	118	1
Biochemical Oxygen Demand,BOD	mg/L	APHA 5210B	<1	1.38	60.0	1
Chemical Oxygen Demand, COD	mg O_2/L	HACH Method 8000	9	19	244	5
Total Nitrogen as TN	mg/L	APHA 4500-P (J)	0.52	1.15	1.40	0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)	0.12	0.75	<0.005	0.005
Total Phosphorus as TP	mg/L	APHA 4500-P (J)	0.28	0.24	0.12	0.01
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)	0.12	0.10	0.068	0.005

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 23rd Edition, 2017)
2. "<" = Less than. The data reported is less than Detection Limit of the test.



TEST REPORT

Our Reference No.	:	**R205095**	Date Received	:	03/09/2020
Project Code / Ref.	:	CR2005	Date Commenced	:	03/09/2020
			Date Reported	:	10/09/2020
Customer Ref. No.	:	60617507			
Customer Name	:	AECOM Singapore Pte Ltd			
Customer Address	:	300 Beach Road #03-00 The Concourse Singapore 199555			
Attention To	:	Ms Liang Liang			
Sample Description	:	6 Water Samples			
RESULTS:		Refer to Page 2			

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Website: www.mls.sg

R205095

RESULTS

Test Parameter	Unit	Test Method	Sample 1	[redacted]	Sample 6	LOR
			WQ13		WQ10	
Turbidity	NTU	APHA 2130B	3.8		7.1	-
Total Suspended Solids as TSS	mg/L	APHA 2540D	3.25		8.67	1
Biochemical Oxygen Demand,BOD	mg/L	APHA 5210B	1.75		6.89	1
Chemical Oxygen Demand, COD	mg O_2/L	HACH Method 8000	8			5
Total Nitrogen as TN	mg/L	APHA 4500-P (J)	0.85			0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)	0.36			0.005
Total Phosphorus as TP	mg/L	APHA 4500-P (J)	0.075			0.01
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)	0.058			0.005

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 23rd Edition, 2017)
2. "<" = Less than. The data reported is less than Detection Limit of the test.

TEST REPORT

Our Reference No.	:	**R215373**	Date Received	:	05/10/2021
Project Code / Ref.	:	Former Turf Club	Date Commenced	:	05/10/2021
			Date Reported	:	14/10/2021
Customer Ref. No.	:	60662808			
Customer Name	:	AECOM Singapore Pte Ltd			
Customer Address	:	300 Beach Road #03-00 The Concourse Singapore 199555			
Attention To	:	Ms Celine Cho			
Sample Description	:	6 Water Samples as per received			
RESULTS:		Refer to Page 2			

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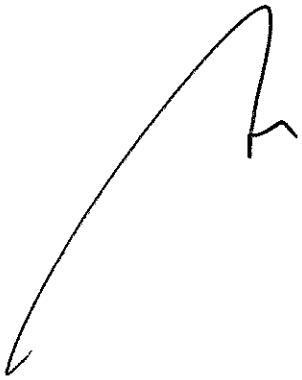
R215373

RESULTS

Test Parameter	Unit	Test Method	Sampling Date: 05/10/2021						LOR
			Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	
			WQ23	WQ24	WQ25	WQ26	WQ27	WQ28	
Total Nitrogen as TN	mg/L	APHA 4500-P (J)	0.72	0.70	1.05	0.95	1.10	1.03	0.01
Total Phosphorus as TP	mg/L	APHA 4500-P (J)	0.052	0.066	0.078	0.11	0.11	0.088	0.01
Ammonia as NH_4-N	mg/L	APHA 4500-NH_3 (H)	0.10	0.015	0.59	0.48	0.27	0.20	0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)	0.25	<0.005	0.0082	0.40	0.045	0.55	0.005
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)	0.038	0.057	0.066	0.070	0.082	0.066	0.005
Total Suspended Solids as TSS	mg/L	APHA 2540D	7.40	6.10	3.40	18.8	9.40	6.90	1
Total Organic Carbon,TOC	mg/L	APHA 5310B	2.46	3.42	3.73	3.81	5.64	4.38	1
Enterococcus	cfu/100mL	APHA 9230C	1,200	1,500	2,100	1,800	1,900	2,300	1
Lead as Pb	µg/L	APHA 3125B	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5
Biochemical Oxygen Demand as BOD	mg/L	APHA 5210B	<1	<1	<1	<1	<1	<1	1
Chemical Oxygen Demand as COD	mg O_2/L	HACH Method 8000 (Oct 2014)	18	23	28	48	53	40	5

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 23rd Edition, 2017)
2. "<" = Less than. The data reported is less than Detection Limit of the test.



TEST REPORT

Our Reference No.	:	**R215572**	Date Received	:	13/10/2021
Project Code / Ref.	:	Former Turf Club	Date Commenced	:	13/10/2021
			Date Reported	:	22/10/2021
Customer Ref. No.	:	60662808			
Customer Name	:	AECOM Singapore Pte Ltd			
Customer Address	:	300 Beach Road #03-00 The Concourse Singapore 199555			
Attention To	:	Ms Celine Cho			
Sample Description	:	6 Water Samples as per received			
RESULTS:		Refer to Page 2			

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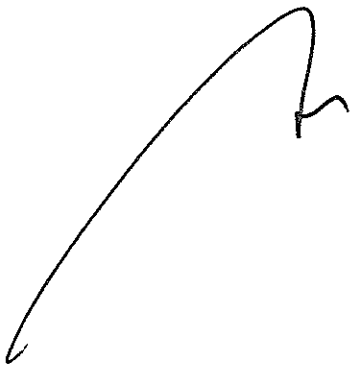
RESULTS

Test Parameter	Unit	Test Method	Sampling Date: 13/10/2021						LOR
			Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	
			WQ23	WQ24	WQ25	WQ26	WQ27	WQ28	
Total Nitrogen as TN	mg/L	APHA 4500-P (J)	0.69	0.74	1.13	1.12	1.35	1.01	0.01
Total Phosphorus as TP	mg/L	APHA 4500-P (J)	0.062	0.083	0.090	0.10	0.12	0.13	0.01
Ammonia as NH_4-N	mg/L	APHA 4500-NH_3 (H)	0.27	0.49	0.96	0.31	0.30	0.11	0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)	0.19	0.044	0.042	0.60	0.87	0.72	0.005
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)	0.045	0.064	0.074	0.077	0.092	0.082	0.005
Total Suspended Solids as TSS	mg/L	APHA 2540D	6.86	5.20	4.40	2.00	3.00	4.89	1
Total Organic Carbon,TOC	mg/L	APHA 5310B	2.24	3.07	3.35	3.52	4.59	3.25	1
Enterococcus	cfu/100mL	APHA 9230C	390	100	420	100	600	1,000	1
Lead as Pb	µg/L	APHA 3125B	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5
Biochemical Oxygen Demand as BOD	mg/L	APHA 5210B	<1	<1	<1	<1	<1	<1	1
Chemical Oxygen Demand as COD	mg O_2/L	HACH Method 8000 (Oct 2014)	8	9	6	7	8	5	5

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 23rd Edition, 2017)
2. "<" = Less than. The data reported is less than Detection Limit of the test.



TEST REPORT

Our Reference No.	:	**R216303**	Date Received	:	16/11/2021
Project Code / Ref.	:	Former Turf Club	Date Commenced	:	16/11/2021
			Date Reported	:	25/11/2021
Customer Ref. No.	:	60662808			
Customer Name	:	AECOM Singapore Pte Ltd			
Customer Address	:	300 Beach Road #03-00 The Concourse Singapore 199555			
Attention To	:	Ms Celine Cho			
Sample Description	:	6 Water Samples as per received			
RESULTS:		Refer to Page 2			

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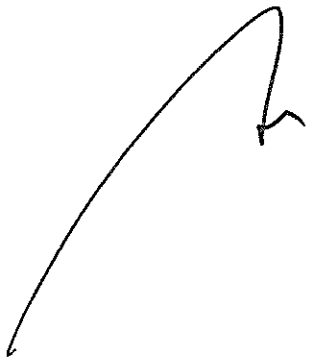
R216303

RESULTS

Test Parameter	Unit	Test Method	Sampling Date: 16/11/2021						LOR
			Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	
			WQ23	WQ24	WQ25	WQ26	WQ27	WQ28	
Total Nitrogen as TN	mg/L	APHA 4500-P (J)	0.77	1.10	1.28	1.23	1.44	1.08	0.01
Total Phosphorus as TP	mg/L	APHA 4500-P (J)	0.046	0.073	0.076	0.098	0.10	0.086	0.01
Ammonia as NH_4-N	mg/L	APHA 4500-NH_3 (H)	0.30	0.65	0.98	0.29	0.23	0.12	0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)	0.16	0.030	0.048	0.61	0.91	0.72	0.005
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)	0.035	0.058	0.061	0.073	0.069	0.064	0.005
Total Suspended Solids as TSS	mg/L	APHA 2540D	6.80	21.2	3.20	5.80	2.10	4.20	1
Total Organic Carbon,TOC	mg/L	APHA 5310B	2.45	3.46	3.68	3.56	4.86	3.39	1
Enterococcus	cfu/100mL	APHA 9230C	400	620	150	220	250	610	1
Lead as Pb	µg/L	APHA 3125B	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5
Biochemical Oxygen Demand as BOD	mg/L	APHA 5210B	2.19	2.39	1.65	1.09	1.25	1.73	1
Chemical Oxygen Demand as COD	mg O_2/L	HACH Method 8000 (Oct 2014)	37	37	29	11	17	31	5

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 23rd Edition, 2017)
2. "<" = Less than. The data reported is less than Detection Limit of the test.



TEST REPORT

Our Reference No. : **R216304**
Project Code / Ref. : Eng Neo Avenue Forest

Date Received : 16/11/2021
Date Commenced : 16/11/2021
Date Reported : 25/11/2021

Customer Ref. No. : 60617507
Customer Name : AECOM Singapore Pte Ltd
Customer Address : 300 Beach Road
#03-00 The Concourse
Singapore 199555

Attention To : Ms Celine Cho

Sample Description : 1 Water Sample as per received

RESULTS :

Test Parameter	Unit	Test Method	Sampling Date: 16/11/2021 Sample 1 WQ22	LOR
Total Nitrogen as TN	mg/L	APHA 4500-P (J)	0.70	0.01
Total Phosphorus as TP	mg/L	APHA 4500-P (J)	0.047	0.01
Ammonia as NH_4-N	mg/L	APHA 4500-NH_3 (H)	0.23	0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)	0.29	0.005
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)	0.036	0.005
Total Suspended Solids as TSS	mg/L	APHA 2540D	3.60	1
Total Organic Carbon,TOC	mg/L	APHA 5310B	1.65	1
Enterococcus	cfu/100mL	APHA 9230C	410	1
Lead as Pb	ug/L	APHA 3125B	<0.5	0.5
Biochemical Oxygen Demand as BOD	mg/L	APHA 5210B	<1	1
Chemical Oxygen Demand as COD	mg O_2/L	HACH Method 8000 (Oct 2014)	<5	5
Turbidity	NTU	APHA 2130B	10.0	0.1

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 23rd Edition, 2017)
2. "<" = Less than. The data reported is less than Detection Limit of the test.

Tan Thuan Piang
Technical Manager

Marchwood Laboratory Services Pte Ltd: Co. Reg No. : 201422686C
Main (Office and Laboratory): 116 Tuas South Ave 2, West Point Bizhub Singapore 637163 ☎ : +65 6790 0118 🖷 : +65 6790 0091
Branch (Site and Laboratory): 216 Tuas South Ave 2, West Point Bizhub Singapore 637213 ☎ : +65 6262 3736 (Lab) ☎ : +65 6262 3726 / 3776 (Site)
Website: www.mls.sg

TEST REPORT

Our Reference No.	:	**R217251**	Date Received	:	30/12/2021
Project Code / Ref.	:	Former Turf Club	Date Commenced	:	30/12/2021
			Date Reported	:	07/01/2022
Customer Ref. No.	:	60662808			
Customer Name	:	AECOM Singapore Pte Ltd			
Customer Address	:	300 Beach Road #03-00 The Concourse Singapore 199555			
Attention To	:	Ms Celine Cho			
Sample Description	:	2 Water Samples as per received			
RESULTS:		Refer to Page 2			

Tan Thuan Piang
Technical Manager

Terms & Conditions:

1) This report shall not be reproduced except in full, unless approval in writing has been given by MLS.
2) The results in this report only apply to the sample received/analysed.
3) MLS agrees to use reasonable diligence in the performance of the service.

Marchwood Laboratory Services Pte Ltd: Co. Reg No. : 201422686C
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Website: www.mls.sg

R217251

RESULTS

Test Parameter	Unit	Test Method	Sampling Date: 30/12/2021		LOR
			Sample 1	Sample 2	
			WQ21	WQ22	
Total Nitrogen as TN	mg/L	APHA 4500-P (J)	1.90	1.00	0.01
Total Phosphorus as TP	mg/L	APHA 4500-P (J)	0.031	0.039	0.01
Ammonia as NH_4-N	mg/L	APHA 4500-NH_3 (H)	0.074	0.019	0.01
Nitrate as NO_3-N	mg/L	APHA 4500-NO_3 (I)	1.41	0.58	0.005
Orthophosphates as PO_4-P	mg/L	APHA 4500-P (G)	0.028	0.036	0.005
Total Suspended Solids as TSS	mg/L	APHA 2540D	70.5	28.0	1
Total Organic Carbon,TOC	mg/L	APHA 5310B	7.62	6.15	1
Enterococcus	cfu/100mL	APHA 9230C	40,000	89,000	1
Lead as Pb	µg/L	APHA 3125B	2.06	2.55	0.5
Biochemical Oxygen Demand as BOD	mg/L	APHA 5210B	2.84	3.96	1
Chemical Oxygen Demand as COD	mg O_2/L	HACH Method 8000 (Oct 2014)	37	32	5
Turbidity	NTU	APHA 2130B	120	50	0.1

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 23rd Edition, 2017)
2. "<" = Less than. The data reported is less than Detection Limit of the test.

Appendix M

Ambient Air Quality Baseline Monitoring Report

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS Technichem (S) Pte Ltd
121 Genting Lane #04-01, Singapore 349572
Tel: (65) 6589 0118 Fax : (65) 6283 9689 E-mail: alssg@alsglobal.com
Co. Reg No. 198403076R

Our Ref: SG2003973

Date: 06 July 2020

ENVIRONMENTAL IMPACT STUDY AT CR2005
AIR QUALITY MONITORING
(DUST MONITORING - $PM_{2.5}$ & PM_{10})

FOR

AECOM SINGAPORE PTE LTD
300 BEACH ROAD #23-00 THE CONCOURSE
SINGAPORE 199555

Edmundo II Dio Casapao
Environmental Engineer

Tan Teong Huat
Assistant General Manager
BSc, MSc (SHE Tech.), MSNIC

Executive Summary

ALS Technichem (S) Pte Ltd is appointed by AECOM Singapore Pte Ltd to carry out Ambient Air Monitoring for the Environmental Impact Study at CR2005 Project (Dust Monitoring – PM_{10} and $PM_{2.5}$). The monitoring was undertaken to determine the ambient air quality of Particulate Matter as 2.5um and 10um ($PM_{2.5}$ and PM_{10}), for 7 days continuously at five (5) selected locations from 25th February to 26th June 2020. The objective of this monitoring is to establish a baseline ambient air quality at the selected points and compare whether they are in compliance with the limits stipulated by Singapore Ambient Air Quality Targets by 2020 and the Long-Term Targets.

The monitoring results for PM_{10} for all locations for all 7 days are in compliance to the Singapore Ambient Air Quality Targets by 2020.

For $PM_{2.5}$, the monitoring results for all locations are in compliance to the Singapore Ambient Air Quality Long Term Targets for all 7 days except for Day 1 at Singapore University of Social Sciences (AQ01). The measured value for this day is 26.5 μgm^{-3} as compared to the long-term target of 25 μgm^{-3}.

It should be noted that the Ambient Air Monitoring project was carried out to the best of our knowledge and ability as well as responsibility towards the code of practice in the performance and reliability of our business to be accurate, precise and representative at the date/time and locations sampled so as to achieve a satisfactory baseline study.

List of Content

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List of Abbreviations

PM_{10}	Particulate matter with aerodynamic diameter less than 10μm
$PM_{2.5}$	Particulate matter with aerodynamic diameter less than 2.5μm
μgm^{-3}	Microgram per cubic metre
LOR	Limit of Reporting

1.0 Monitoring Requirement

1.1 Introduction

ALS Technichem (S) Pte Ltd (hereafter as "ALS") has been appointed as the contractor to perform Ambient Air Monitoring at the selected locations for the Environmental Impact Study for CR2005 Project. The monitoring was conducted at five (5) locations (Dust Monitoring – PM_{10} and $PM_{2.5}$) at the request of AECOM Singapore Pte Ltd (hereafter as "AECOM").

The ambient air monitoring is aimed to provide an air quality baseline information on the targeted area which was pre-determined by AECOM and to evaluate the results whether it is in compliance against National Environmental Agency- Singapore Ambient Air Quality Targets by 2020 and the Long-Term Targets.

1.2 Scope of Work

The scope of works for the ambient air quality monitoring includes:

1. Preparation of an Ambient Air Monitoring Plan;

2. Ambient air monitoring station setup and sampling at selected sampling points (as dictated by AECOM) are identified as follows:

    - AQ01 – Singapore University of Social Sciences
    - AQ02 – Methodist Girls School
    - AQ03 – Eng Neo Avenue Forest
    - AQ04 – Windsor
    - AQ05 – Peirce Secondary School

3. Collected air samples were analysed for:
    - Particulate Matter as 10um and 2.5um (PM_{10} & $PM_{2.5}$);

4. Assessing the analytical results against Singapore Ambient Air Quality Targets by 2020 and the Long-Term Targets

5. Providing a report outlining the findings and results of the study.

1.3 Monitoring Requirement

Ambient air monitoring was conducted at five (5) locations as dictated by AECOM. Particulate Matter as 10um and 2.5um (PM_{10} & $PM_{2.5}$), were monitored as required. Monitored parameters were dictated by AECOM and compared with the Singapore Ambient Air Quality Targets by 2020 and the Long-Term Targets. Table 1.1 lists the details of the limits of each parameter in this study.

Table 1.1: Summary of test parameters and limits for ambient air monitoring

Parameters	Limits (mgm^{-3} or μgm^{-3})	Guidelines
$PM_{2.5}$	25 μgm^{-3} (24-hour averaging period)	Singapore Ambient Air Quality Long Term Targets
PM_{10}	50 μgm^{-3} (24-hour averaging period)	Singapore Ambient Air Quality Targets by 2020

2.0 Sampling and Field Monitoring

2.1 Sampling Equipment

The following equipment was mobilized and used during the environmental monitoring activities.

Parameter	Instrument Type
Particulate matter (PM_{10} & $PM_{2.5}$)	TSI Environmental DustTrak Monitoring System

2.2 Monitoring Location (★ indicates air monitoring location)

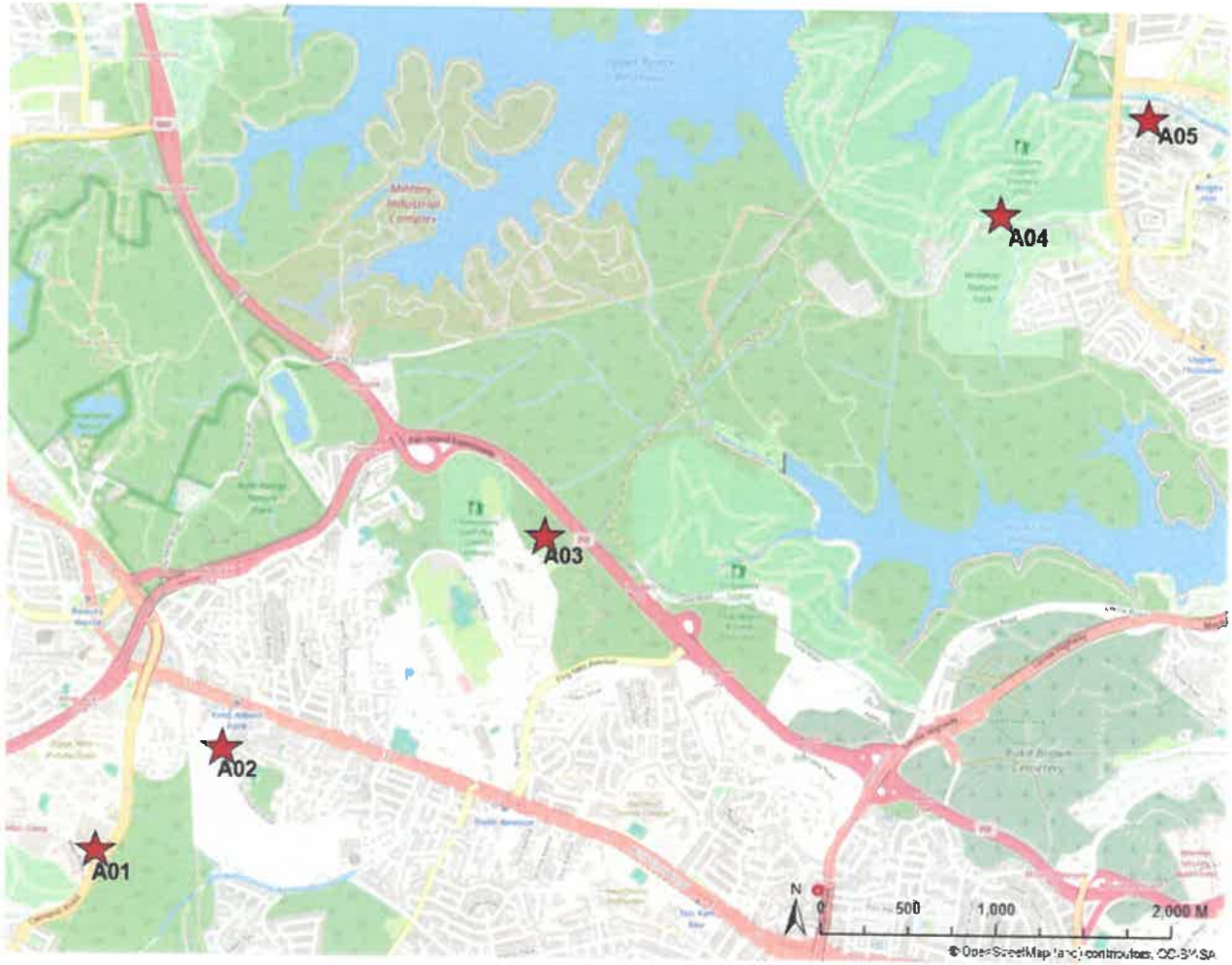


Figure 2.1: Air Quality Monitoring Locations (AQ01 to AQ05)

2.3 Detail Ambient Air Monitoring Point

The air monitoring points identified as AQ01 through AQ05 was dictated by AECOM. The details of the monitoring point is listed in Table 2.1 below.

Table 2.1: Details of monitoring points

Sampling ID	Monitoring Point	Parameter	Sampling Start		Sampling Stop	
			Date	Time (hr)	Date	Time (hr)
AQ01	Singapore University of Social Sciences	PM_{10} & $PM_{2.5}$ (24 hours)	11 Mar 2020	1300	18 Mar 2020	1255
AQ02	Methodist Girls School	PM_{10} & $PM_{2.5}$ (24 hours)	25 Feb 2020	1300	03 Mar 2020	1255
AQ03	Eng Neo Avenue Forest	PM_{10} & $PM_{2.5}$ (24 hours)	26 Mar 2020	1800	02 Apr 2020	1755
AQ04	Windsor	PM_{10} & $PM_{2.5}$ (24 hours)	19 Jun 2020	1300	26 Jun 2020	1255
AQ05	Peirce Secondary School	PM_{10} & $PM_{2.5}$ (24 hours)	03 Mar 2020	1800	10 Mar 2020	1755

3.0 Sampling and Analysis Methodology

Brief method description, method reference and reporting limit of the analytical methods are provided in Table 3.1.

Table 3.1: Summary of methodologies and limit of reporting (LOR)

No.	Parameter	Referenced Analytical Method	Description of Method	LOR
1.	Particulate matter (PM_{10} & $PM_{2.5}$)	TSI Environmental DustTrak Monitoring System Operation Manual	Concentrations of PM_{10} & $PM_{2.5}$ were measured by Light scattering laser photometer principle using an Environmental DustTrak Monitoring Equipment coupled with heated inlet for 5 minutes interval data log over 7 days continuous sampling period	1.0 $\mu g m^{-3}$

3.1 Quality Assurance / Quality Control

The certificate of field equipment calibration is attached in Appendix 1. The photos of the monitoring locations are attached in Appendix 2.

4.0 Results of Monitoring at AQ01

Table 4.1: Summary of results for Particulate Matter as $PM_{2.5}$, and PM_{10} based on 24-hour average at AQ01

Sampling Point	Day	Particulate Matter ($PM_{2.5}$), μgm^{-3}	Particulate Matter (PM_{10}), μgm^{-3}
Singapore University of Social Sciences (AQ01)	Day 1 (11 to 12 Mar 2020	**26.5**	30.1
	Day 2 (12 to 13 Mar 2020)	14.0	16.4
	Day 3 (13 to 14 Mar 2020)	11.2	14.5
	Day 4 (14 to 15 Mar 2020)	13.5	16.6
	Day 5 (15 to 16 Mar 2020)	9.43	12.5
	Day 6 (16 to 17 Mar 2020)	11.6	15.9
	Day 7 (17 to 18 Mar 2020)	**14.9**	18.4
Limits (μgm^{-3})		25[a]	50[b]

Notes:

[a] Denotes as per client request, the results are compared to the limits stipulated by Singapore Ambient Air Quality Long Term Targets

[b] Denotes results are compared to the limits stipulated by Singapore Ambient Air Quality Targets by 2020.

Bold font denotes exceeded the applicable limit.

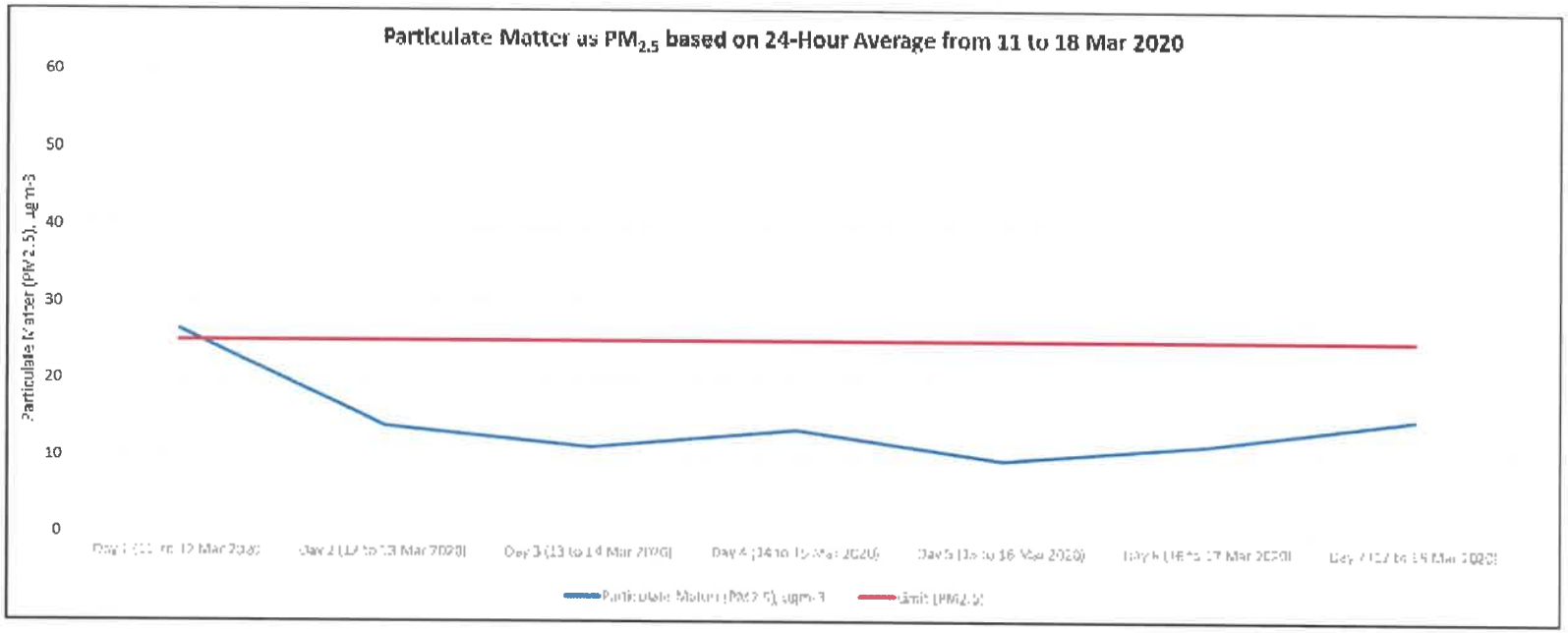


Figure 4.1: 24-Hour Average for $PM_{2.5}$ at AQ01 from 11 to 18 Mar 2020

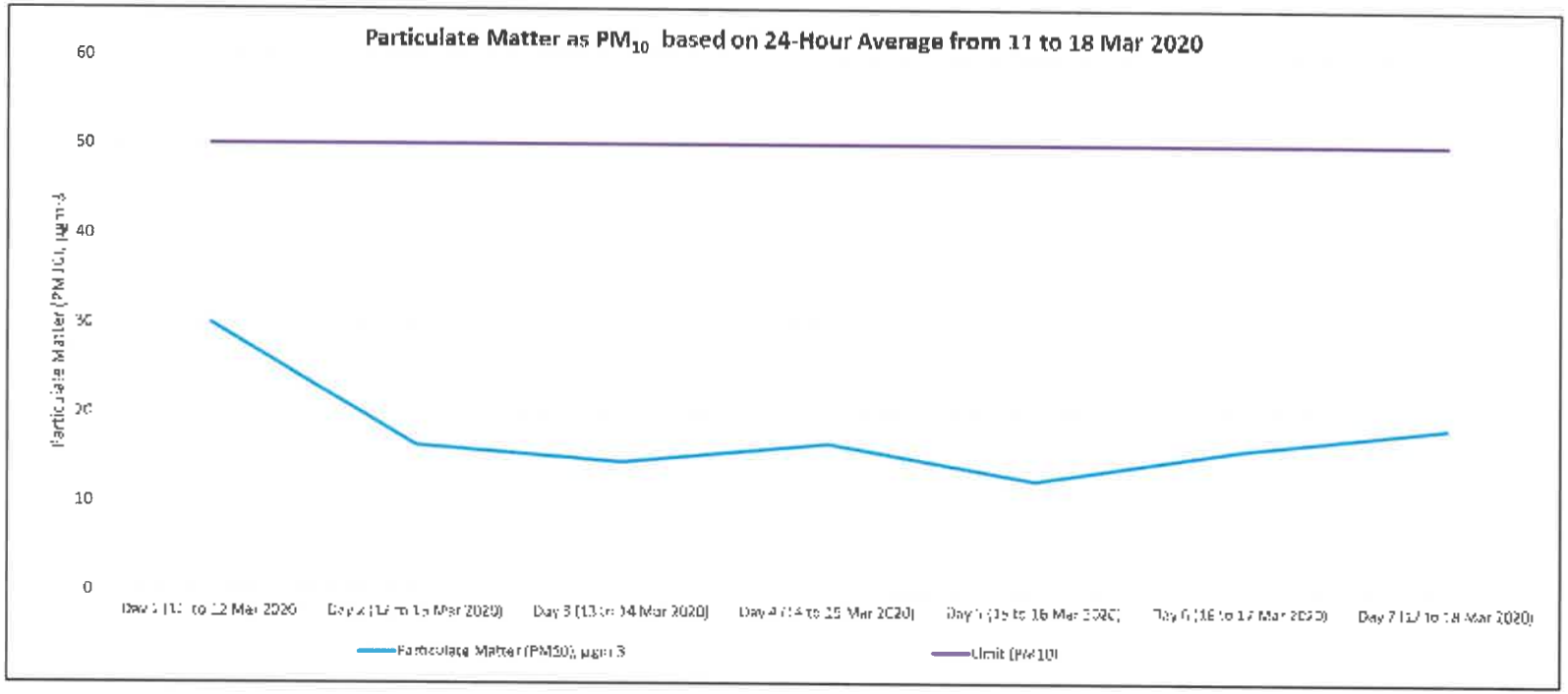


Figure 4.2: 24-Hour Average for PM_{10} at AQ01 from 11 to 18 Mar 2020

4.1 Results of Monitoring at AQ02

Table 4.2: Summary of results for Particulate Matter as $PM_{2.5}$, and PM_{10} based on 24-hour average at AQ02

Sampling Point	Day	Particulate Matter ($PM_{2.5}$), μgm^{-3}	Particulate Matter (PM_{10}), μgm^{-3}
Methodist Girls School (AQ02)	Day 1 (25 to 26 Feb 2020)	13.6	18.3
	Day 2 (26 to 27 Feb 2020)	10.8	14.5
	Day 3 (27 to 28 Feb 2020)	10.8	15.5
	Day 4 (28 to 29 Feb 2020)	10.0	13.4
	Day 5 (29 Feb to 01 Mar 2020)	11.2	14.4
	Day 6 (01 to 02 Mar 2020)	8.95	11.6
	Day 7 (02 to 03 Mar 2020)	9.44	12.5
Limits (μgm^{-3})		25[a]	50[b]

Notes:

[a] Denotes as per client request, the results are compared to the limits stipulated by Singapore Ambient Air Quality Long Term Targets

[b] Denotes results are compared to the limits stipulated by Singapore Ambient Air Quality Targets by 2020.

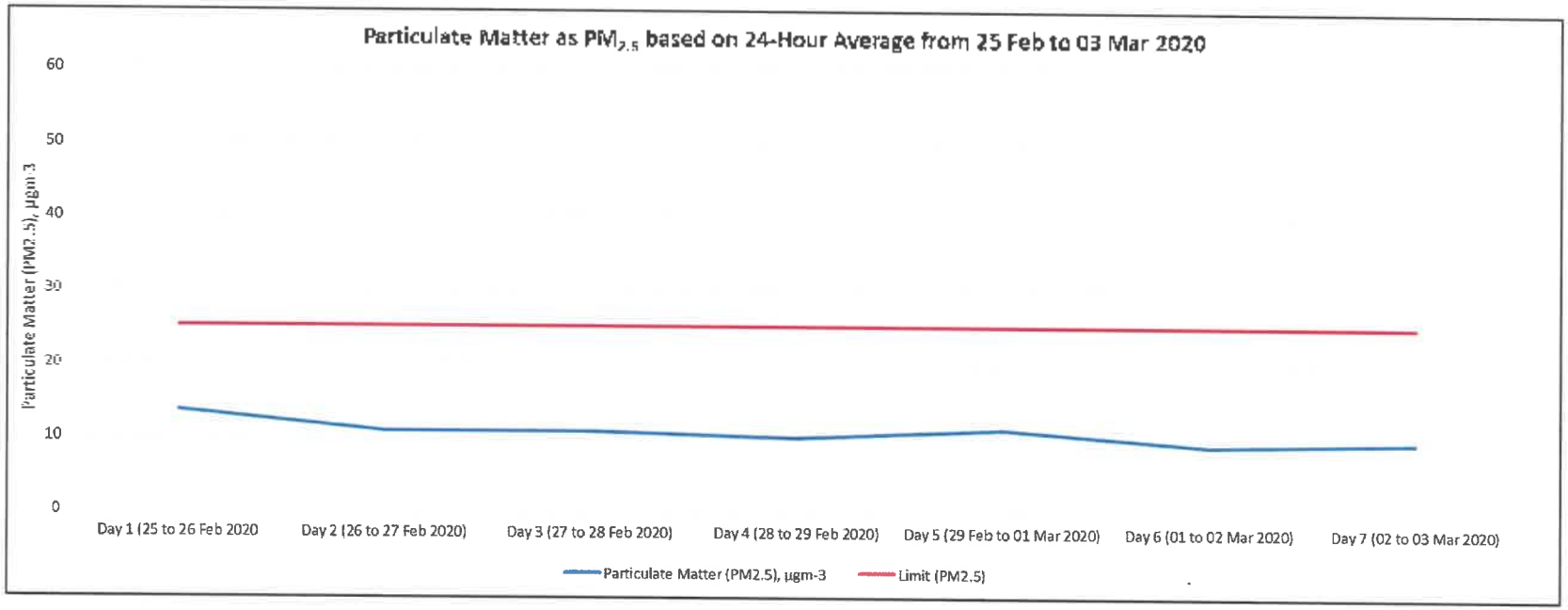


Figure 4.3: 24-Hour Average for $PM_{2.5}$ at AQ02 from 25 Feb to 03 Mar 2020

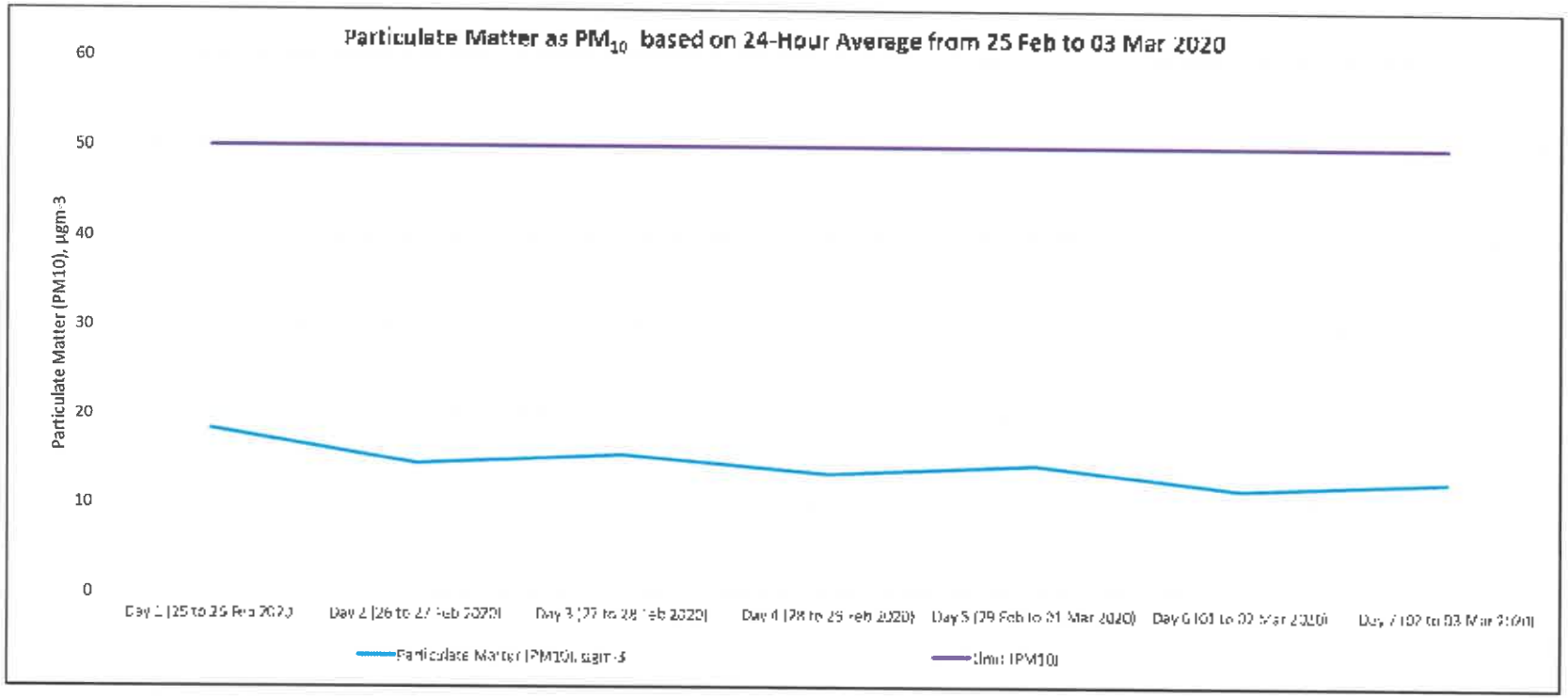


Figure 4.4: 24-Hour Average for PM_{10} at AQ02 from 25 Feb to 03 Mar 2020

4.2 Results of Monitoring at AQ03

Table 4.3: Summary of results for Particulate Matter as $PM_{2.5}$, and PM_{10} based on 24-hour average at AQ03

Sampling Point	Day	Particulate Matter ($PM_{2.5}$), μgm^{-3}	Particulate Matter (PM_{10}), μgm^{-3}
Eng Neo Avenue Forest (AQ03)	Day 1 (26 to 27 Mar 2020)	10.0	14.6
	Day 2 (27 to 28 Mar 2020)	12.6	20.5
	Day 3 (28 to 29 Mar 2020)	16.9	25.5
	Day 4(29 to 30 Mar 2020)	12.2	16.4
	Day 5(30 to 31 Mar 2020)	14.0	19.1
	Day 6(31 Mar to 01 Apr 2020)	16.4	19.9
	Day 7(01 to 02 Apr 2020)	11.5	16.9
Limits (μgm^{-3})		25[a]	50[b]

Notes:

[a] Denotes as per client request, the results are compared to the limits stipulated by Singapore Ambient Air Quality Long Term Targets

[b] Denotes results are compared to the limits stipulated by Singapore Ambient Air Quality Targets by 2020.

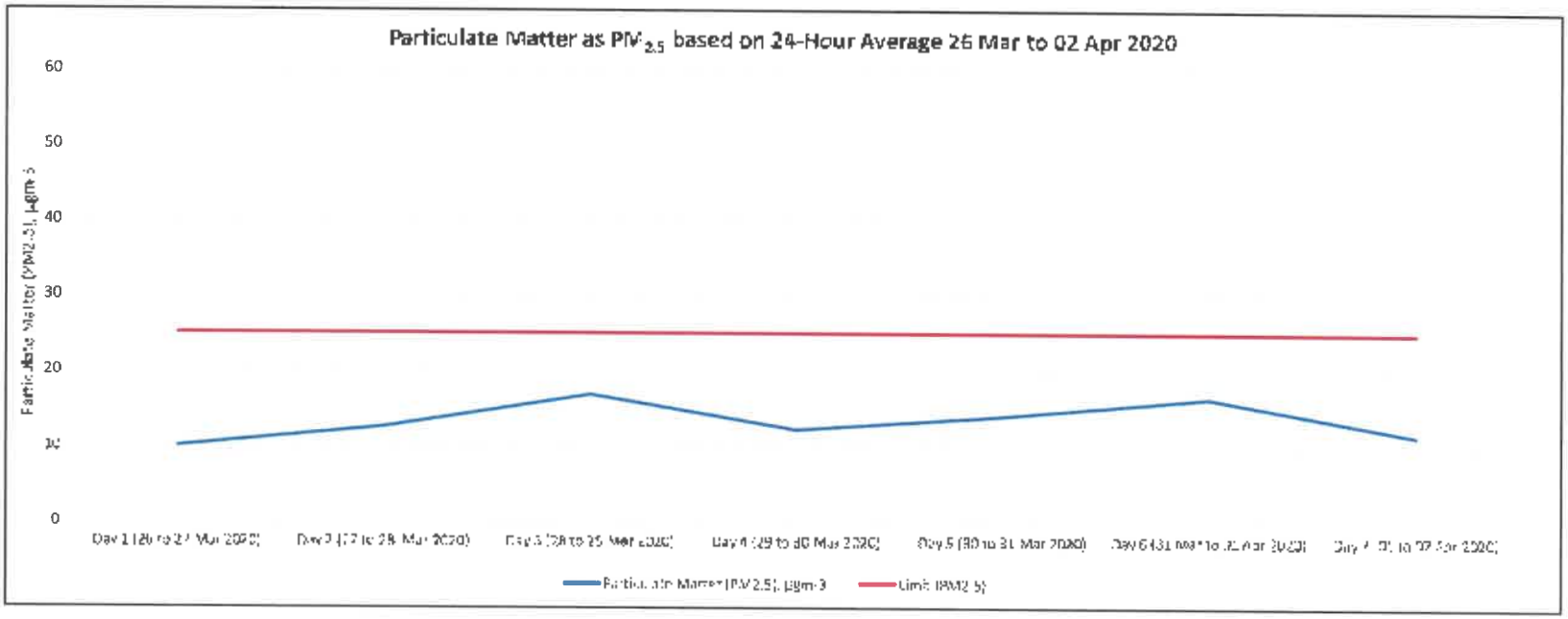


Figure 4.5: 24-Hour Average for $PM_{2.5}$ at AQ03 from 26 Mar to 02 Apr 2020

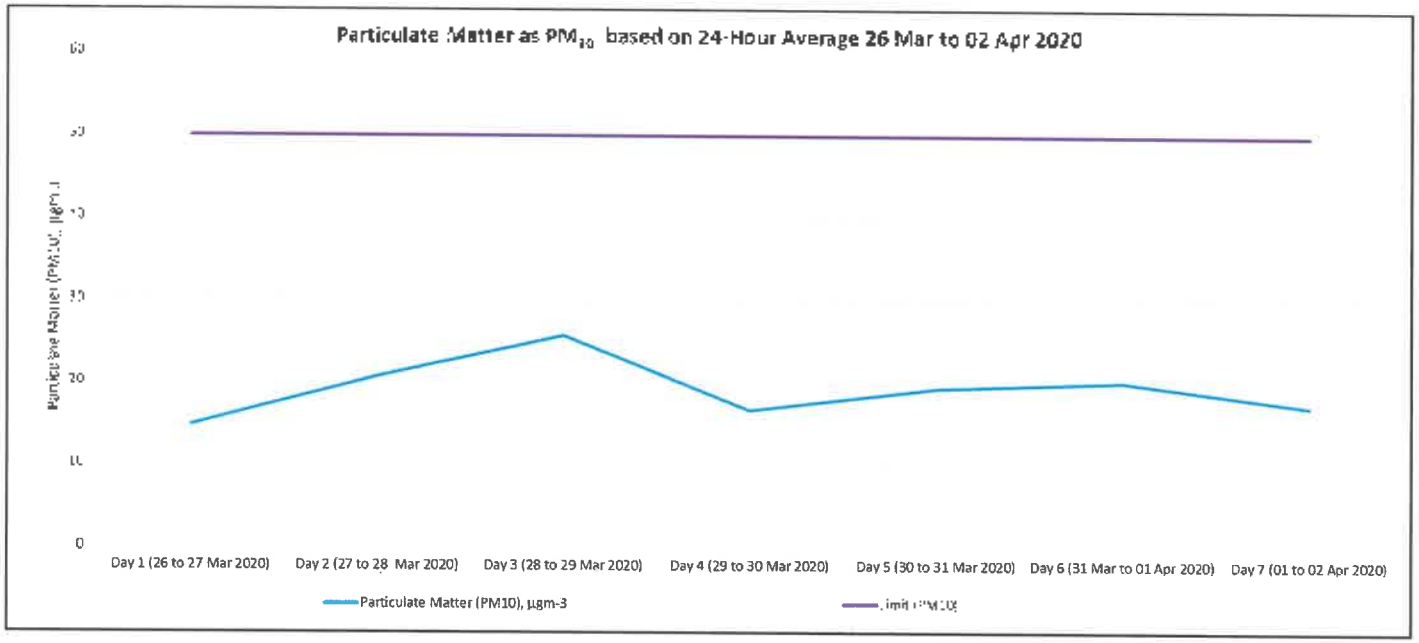


Figure 4.6: 24-Hour Average for PM_{10} at AQ03 from 26 Mar to 02 Apr 2020

4.3 Results of Monitoring at AQ04

Table 4.4: Summary of results for Particulate Matter as $PM_{2.5}$, and PM_{10} based on 24-hour average at AQ04

Sampling Point	Day	Particulate Matter ($PM_{2.5}$), μgm^{-3}	Particulate Matter (PM_{10}), μgm^{-3}
Windsor (AQ04)	Day 1 (19 to 20 Jun 2020)	6.36	9.41
	Day 2 (20 to 21 Jun 2020)	7.51	11.4
	Day 3 (21 to 22 Jun 2020)	9.60	13.6
	Day 4 (22 to 23 Jun 2020)	8.41	12.1
	Day 5 (23 to 24 Jun 2020)	3.34	6.33
	Day 6 (24 to 25 Jun 2020)	5.97	8.60
	Day 7 (25 to 26 Jun 2020)	6.65	10.2
Limits (μgm^{-3})		25[a]	50[b]

Notes:

[a] Denotes as per client request, the results are compared to the limits stipulated by Singapore Ambient Air Quality Long Term Targets

[b] Denotes results are compared to the limits stipulated by Singapore Ambient Air Quality Targets by 2020.

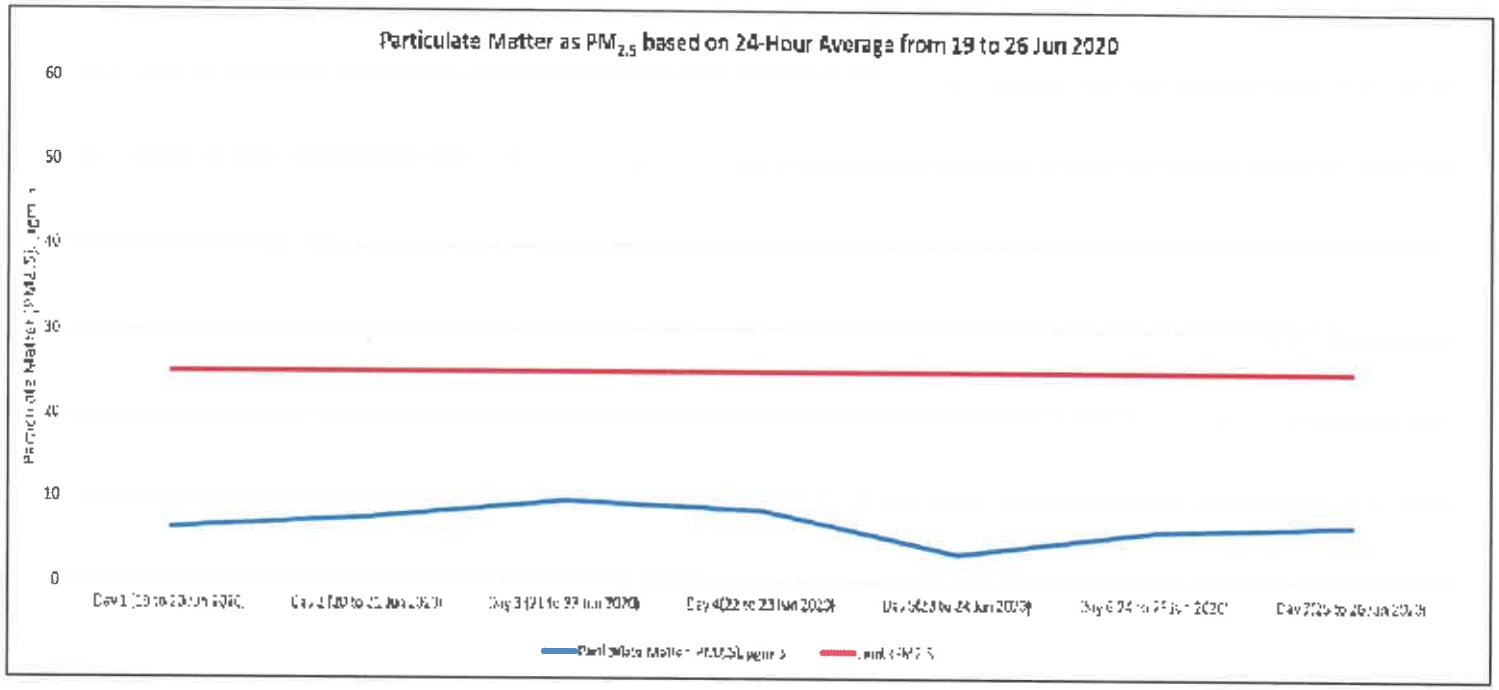


Figure 4.7: 24-Hour Average for $PM_{2.5}$ at AQ04 from 19 Jun to 26 Jun 2020

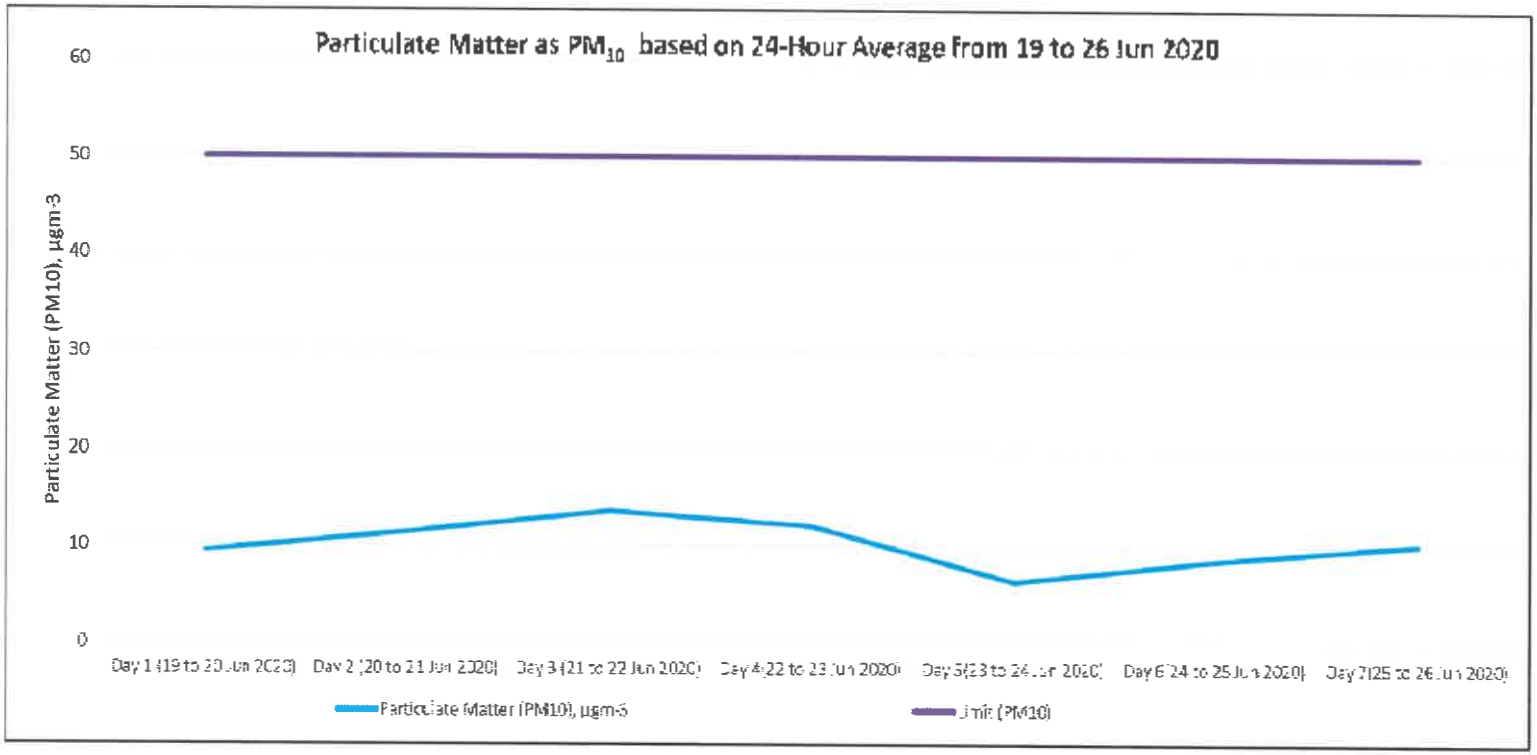


Figure 4.8: 24-Hour Average for PM_{10} at AQ04 from 19 Jun to 26 Jun 2020

4.4 Results of Monitoring at AQ05

Table 4.5: Summary of results for Particulate Matter as $PM_{2.5}$, and PM_{10} based on 24-hour average at AQ05

Sampling Point	Day	Particulate Matter ($PM_{2.5}$), μgm^{-3}	Particulate Matter (PM_{10}), μgm^{-3}
Peirce Secondary School (AQ05)	Day 1 (03 to 04 Mar 2020	11.9	15.4
	Day 2 (04 to 05 Mar 2020)	13.6	17.6
	Day 3 (05 to 06 Mar 2020)	19.2	21.5
	Day 4 (06 to 07 Mar 2020)	20.7	22.5
	Day 5 (07 to 08 Mar 2020)	15.0	17.9
	Day 6 (08 to 09 Mar 2020)	22.7	28.3
	Day 7 (09 to 10 Mar 2020)	23.7	27.4
Limits (μgm^{-3})		25[a]	50[b]

Notes:

[a] Denotes as per client request, the results are compared to the limits stipulated by Singapore Ambient Air Quality Long Term Targets

[b] Denotes results are compared to the limits stipulated by Singapore Ambient Air Quality Targets by 2020.

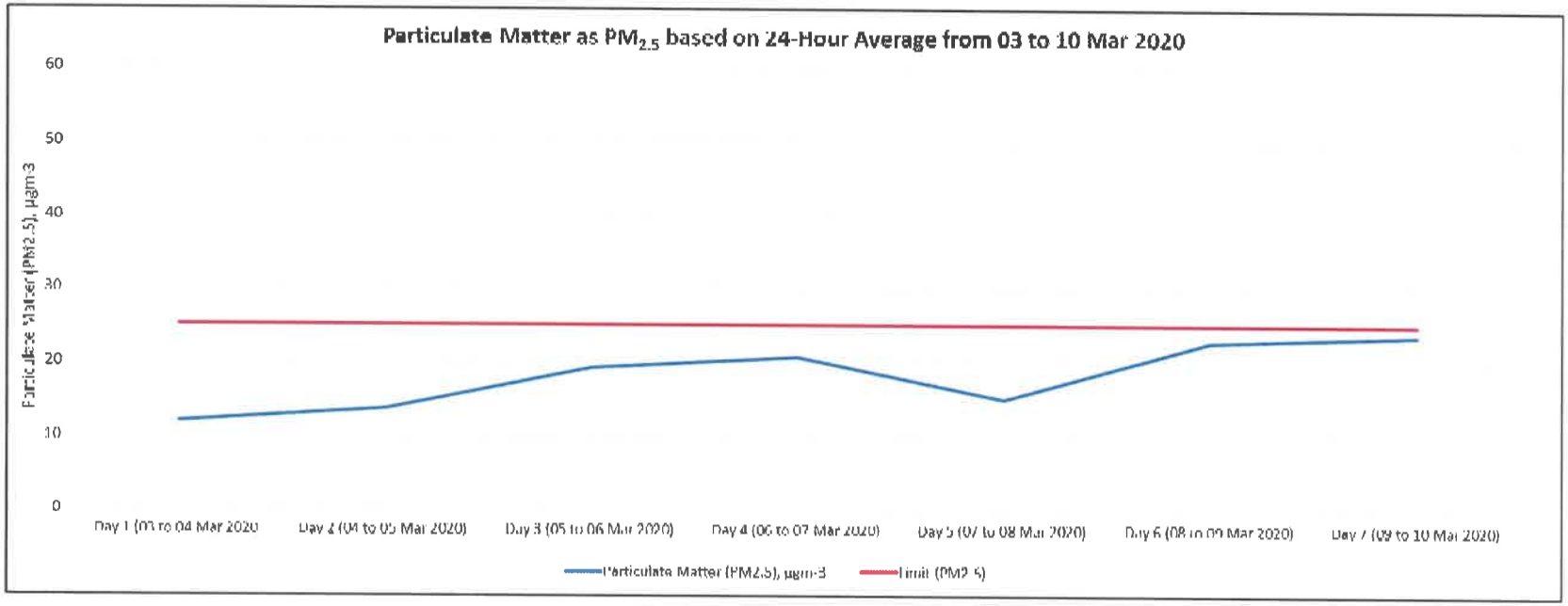


Figure 4.9: 24-Hour Average for $PM_{2.5}$ at AQ05 from 03 to 10 Mar 2020

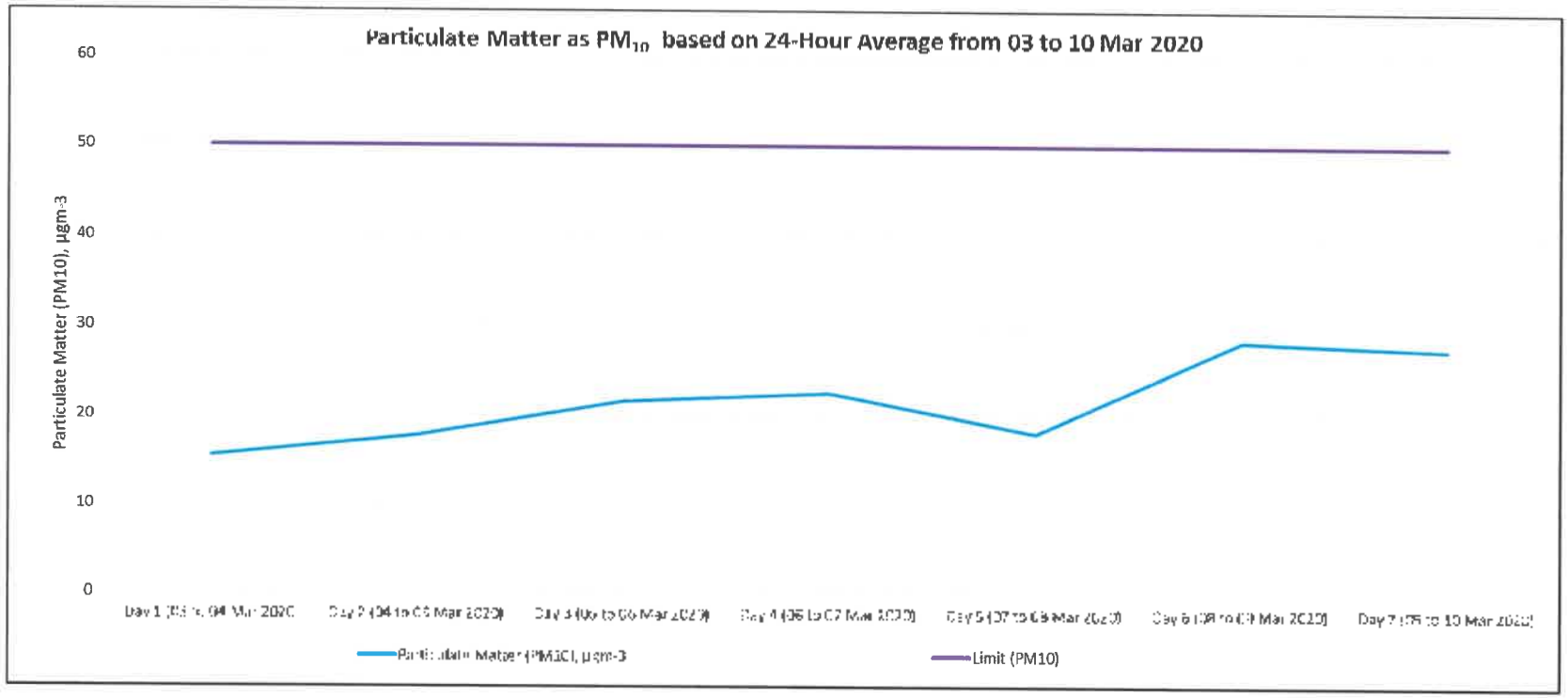


Figure 4.10: 24-Hour Average for PM_{10} at AQ05 from 03 to 10 Mar 2020

7.0 Conclusion

The monitoring results are summarized in Tables 4.1 to 4.5. The results for PM_{10} for all locations for all 7 days are in compliance to the Singapore Ambient Air Quality Targets by 2020.

For $PM_{2.5}$, the monitoring results for all locations are in compliance to the Singapore Ambient Air Quality Long Term Targets for all 7 days except for Day 1 at Singapore University of Social Sciences (AQ01). The measured value for this day (11 to 12 March 2020) is 26.5 μgm^{-3} as compared to the long-term target of 25 μgm^{-3}.

It should be noted that the Ambient Air Monitoring project was carried out to the best of our knowledge and ability as well as responsibility towards the code of practice in the performance and reliability of our business to be accurate, precise and representative at the date/time and locations sampled so as to achieve a satisfactory baseline study.

Appendix 1 Certificate of Calibration of Equipment

CERTIFICATE OF CALIBRATION AND TESTING

TSI Incorporated, 500 Cardigan Road, Shoreview, MN 55126 USA
Tel: 1-800-874-2811 1-651-490-2811 Fax: 1-651-490-3824 http://www.tsi.com

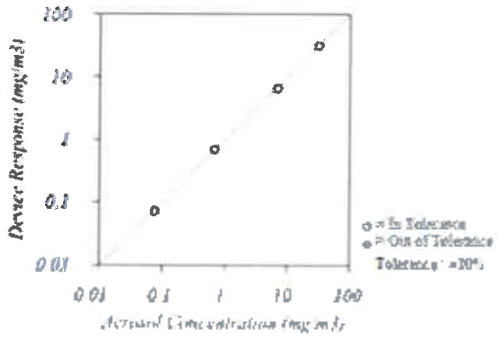
Environment Conditions		
Temperature	76.56 (24.8)	°F (°C)
Relative Humidity	24.0	%RH
Barometric Pressure	29.13 (986.5)	inHg (kPa)

Model	8543
Serial Number	8543191207

☒ As Left ☐ As Found

☒ In Tolerance ☐ Out of Tolerance

Concentration Linearity Plot



System ID: DTH01-01

FLOW AND PRESSURE VERIFICATION — SYSTEM ID TH01-01

Parameter	Standard	Measured	Allowable Range	Parameter	Standard	Measured	Allowable Range
Flow lpm	3.00	3.07	2.91 ~ 3.09	Pressure kPa	98.8	98.8	93.86 ~ 103.74
Full Flow lpm	N/A	4.48	≥ 3.80				

TSI Incorporated does hereby certify that all materials, components, and workmanship used in the manufacture of this equipment are in strict accordance with the applicable specifications agreed upon by TSI and the customer and with all published specifications. All performance and acceptance tests required under this contract were successfully conducted according to required specifications. There is no NIST standard for optical mass measurement. Calibration of this instrument performed by TSI has been done using equipment that has been traceably referred to acceptable metric per standard ISO 17025-1, all applicable factors check. Our calibration uses a greater than 4:1 TUR

Measurement Variable	Serial/ID	Last Cal	Cal Due
Photometer	E0003425	09-18-18	09-30-19
DC Voltage(Ext/Int)	E0003859	08-22-18	08-31-19
Temp/Humidity	E0005409	10-17-18	10-31-19
1 um PSL	592298	n/a	n/a
10 um PSL	195441	n/a	n/a

Measurement Variable	Serial/ID	Last Cal	Cal Due
Flowmeter	E0002435	06-12-18	06-30-19
Microbalance	M0001134	10-03-18	10-31-19
Stopwatch	E0003440	07-24-18	07-31-19
5 um PSL	180587	n/a	n/a
Temp/Humidity	E0005409	10-17-18	10-31-19

Juan Cornejo
Calibrator

March 21, 2019
Date

ALS-ENV-6940

CERTIFICATE OF CALIBRATION AND TESTING

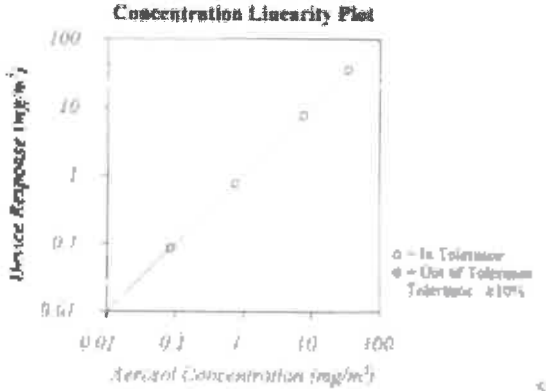
TSI Incorporated, 500 Cardigan Road, Shoreview, MN 55126 USA
Tel: 1-800-874-2811 1-651-490-2811 Fax: 1-651-490-3824 http://www.tsi.com

Environmental Conditions		
Temperature	73.2 (22.9)	°F (°C)
Relative Humidity	20.5	%RH
Barometric Pressure	29.29 (990.5)	in Hg (hPa)

Model	8543
Serial Number	8543192904

☒ As Left ☒ In Tolerance
☐ As Found ☐ Out of Tolerance

Concentration Linearity Plot



System ID: DTI801-01

FLOW AND PRESSURE VERIFICATION

SYSTEM DTI801-01

Parameter	Standard	Measured	Allowable Range	Parameter	Standard	Measured	Allowable Range
Flow lpm	3.00	2.98	2.91 – 3.09	Pressure kPa	99.0	98.9	94.05 – 103.95
Full Flow lpm	N/A	6.36	>5.80				

TSI Incorporated does hereby certify that all materials, components, and workmanship used in the manufacture of this instrument are in strict accordance with the applicable specifications agreed upon by TSI and the customer and with all published specifications. All performance and acceptance tests required under this contract were successfully conducted per factory acceptance procedures. There is no NIST traceability for aerosol mass measurements. Calibration of this instrument performed by TSI was done using sources and has been traceable to reference mass per voltage values [illegible]

Measurement Variable	System ID	Last Cal	Cal Due
Photometer	1001433	03-09-20	09-30-20
DC Voltage/Ecurables	1002859	08-31-19	08-31-20
Pressure	1005651	07-18-19	07-31-20
1 um PSL	206030	n/a	n/a

Measurement Variable	System ID	Last Cal	Cal Due
Flowmeter	1004579	06-13-19	06-30-20
Microbalance	M001324	10-03-18	10-31-20
1 um PSL	698880	n/a	n/a
3 um PSL	212535	n/a	n/a

Brad Halverson
Calibrated

March 13, 2020
Date

ALS TECHNICHEM (S) PTE LTD Registered

23 Mar 2020

ALS TECHNICHEM (S) PTE LTD

Appendix 2 Site Photos

AQ01 Singapore University of Social Sciences

AQ02 Methodist Girls School

AQ03 Eng Neo Avenue Forest

AQ04 Windsor

AQ05 Peirce Secondary School

Appendix N

Baseline Airborne Noise Monitoring Results

Baseline Noise Monitoring Report

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Introduction

Under the contract "CR2005 – Provision of Services to Conduct Environmental Impact Study", the Land Transport Authorities, Singapore(LTA) appointed AECOM Singapore Pte Ltd (AECOM) to undertake an Environmental Impact Assessment (EIA) to access the potential environmental impacts arising from, and associated with, the construction of Cross Region Line (CRL) Phase II (hereafter referred to as the "Project") and this covers the alignment between Bright Hill and Clementi.

Part of the study will involve assessment of the noise impacts arising from the construction activities of the project. This report details the noise monitoring plan to carry out the baseline noise monitoring at the project site due to proposed construction activities. The purpose of conducting a baseline noise monitoring is to determine the existing noise levels from these areas for further assessments and validation of noise level predictions.

1.1 Airborne Noise Monitoring Schedule

Unattended noise monitoring was conducted at the proposed points to capture the existing noise level profiles in the area. Monitoring date, location of the monitoring points are shown in provided in **Table 1** .

Table 1 Baseline Monitoring Locations

No.	Monitoring ID	Monitoring Location	Monitoring Date
1	NM08	Swiss School	24 Feb – 02 Mar 2020
2	NM09	Within Eng Neo Avenue Forest	29 Jan – 05 Feb 2020
3	NM10	Peirce Secondary School	18 Mar – 25 Mar 2020
4	NM11	Windsor Nature Park	30 Mar – 06 Apr 2020
5	NM12	Within Site I	13 Sep – 19 Sep 2021
6	NM13	Within Site II	13 Sep – 19 Sep 2021
7	NM01(S)*	Eng Neo Avenue Forest (Southern)	10 Sep – 16 Sep 2021
8	NM02(S)*	Eng Neo Avenue Forest (Northern	10 Sep – 16 Sep 2021
9	NM03(S)*	Ravine in the centre of the former racetrack	18 Oct– 24 Oct 2021
10	NM04(S)*	Forested area adjacent to The British Club/ Swiss Club	24 Nov– 30 Nov 2021
11	NM05(S)*	Site I forested area bounded by Eng Neo Avenue Forest and Fairways Quarters (Southern)	18 Oct– 24 Oct 2021

Note
* Secondary Data

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1.2 Airborne Noise Monitoring Equipment

Four (4) Norsonic 131 Sound Level Meter (SLM) with microphones was utilized to collect data for the Project. For the purpose of QA/QC, SLM was calibrated before each monitoring session without any drift in calibration before and after monitoring to ensure that equipment readings remain within acceptable margins of error. In order to reduce the chances of recording unwanted noise caused by wind, a windshield was attached onto the microphone. Noise levels were recorded in 1-minute intervals using the L_{Aeq} descriptor, under 'fast' time-weighting. Calibration certificates of the noise monitoring equipment, as per Table 2 are presented in **Annex A**.

Table 2 Airborne Noise Monitoring Equipment

Instrument	Brand	Model	Serial Numbers	Type
Norsonic 131	Norsonic	Norsonic 131	1313950	1
Norsonic 131	Norsonic	Norsonic 131	1313979	1
Norsonic 131	Norsonic	Norsonic 131	1313980	1
Norsonic 131	Norsonic	Norsonic 131	1313989	1

Figure 1 Airborne Noise Monitoring Setup

1.3 Baseline Airborne Noise Monitoring Data (Construction)

The daily primary baseline airborne noise monitoring results for from NM08 to NM13 and secondary baseline airborne noise monitoring results for 7:00 am – 7:00 pm, 7:00 pm – 10:00 pm and 10:00 pm – 7:00 am are listed in this section. The time period that will be used for the airborne noise impact assessments for Construction Phases is 7:00 am – 7:00 pm Monday to Saturday. The corresponding graphs for the daily monitoring data are displayed in **Annex A**.

The recorded background levels in Table 3 to Table 13 are used to calculate the “adjusted maximum permissible noise level” in line with the directions given in the applicable legislation for the construction airborne noise impact assessment.

Table 3 NM08 - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
24 Feb 2020	Max	NA	NA	52	37	NA	52	37
	Min	NA	NA	60	52	NA	69	52
	Average / Overall	NA	52	55	43	NA	53	42
25 Feb 2020	Max	NA	NA	54	38	42	40	37
	Min	NA	NA	61	44	68	69	50
	Average / Overall	55	52	57	40	52	54	39
26 Feb 2020	Max	NA	NA	46	37	43	40	36
	Min	NA	NA	53	49	69	56	55
	Average / Overall	54	46	48	41	50	46	39
27 Feb 2020	Max	NA	NA	40	37	43	39	36
	Min	NA	NA	55	41	60	59	45
	Average / Overall	53	46	47	39	51	46	38
28 Feb 2020	Max	NA	NA	52	37	42	52	36
	Min	NA	NA	54	49	69	54	52
	Average / Overall	55	48	54	40	53	54	39
29 Feb 2020	Max	NA	NA	40	38	42	39	38
	Min	NA	NA	43	41	57	46	45
	Average / Overall	51	40	42	39	50	41	39
01 Mar 2020	Max	NA	NA	40	37	42	39	37
	Min	NA	NA	44	41	58	47	46
	Average / Overall	50	40	42	39	48	41	38

Table 4 NM09 - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
29 Jan 2020	Max	NA	NA	58	50	NA	53	49
	Min	NA	NA	69	59	NA	71	61
	Average / Overall	NA	60	62	54	NA	61	54
30 Jan 2020	Max	NA	NA	55	49	54	54	48
	Min	NA	NA	70	59	68	73	64
	Average / Overall	57	61	63	52	56	62	52
31 Jan 2020	Max	NA	NA	54	50	54	53	49
	Min	NA	NA	55	53	65	56	57
	Average / Overall	56	52	54	51	56	54	51
1 Feb 2020	Max	NA	NA	53	49	54	53	48
	Min	NA	NA	55	53	59	56	56
	Average / Overall	56	52	54	51	55	54	51
2 Feb 2020	Max	NA	NA	54	49	53	53	48
	Min	NA	NA	56	54	59	59	58
	Average / Overall	55	53	55	51	55	55	51
3 Feb 2020	Max	NA	NA	53	48	53	52	47
	Min	NA	NA	55	53	68	57	56
	Average / Overall	56	52	54	50	55	54	50
4 Feb 2020	Max	NA	NA	53	48	53	53	47
	Min	NA	NA	54	54	67	55	56
	Average / Overall	57	52	54	50	56	54	50

Table 5 NM10 - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
3 Mar 2020	Max	NA	NA	52	46	NA	51	46
	Min	NA	NA	53	53	NA	55	55
	Average / Overall	NA	50	52	48	NA	52	48
4 Mar 2020	Max	NA	NA	52	47	53	50	45
	Min	NA	NA	53	52	70	53	55
	Average / Overall	60	50	52	48	58	52	48
5 Mar 2020	Max	NA	NA	52	46	53	51	45
	Min	NA	NA	54	52	68	58	54
	Average / Overall	59	50	53	49	57	53	48
6 Mar 2020	Max	NA	NA	52	47	53	51	46
	Min	NA	NA	54	52	72	56	55
	Average / Overall	59	51	53	49	57	53	49
7 Mar 2020	Max	NA	NA	54	49	52	53	48
	Min	NA	NA	55	54	73	57	55
	Average / Overall	59	53	54	51	56	54	51
8 Mar 2020	Max	NA	NA	52	47	51	51	45
	Min	NA	NA	52	53	59	55	56
	Average / Overall	53	50	52	49	53	52	49
9 Mar 2020	Max	NA	NA	52	46	53	51	45
	Min	NA	NA	57	53	74	63	57
	Average / Overall	59	51	54	48	58	53	48

Table 6 NM11 - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
30 Mar 2020	Max	NA	NA	49	50	NA	46	49
	Min	NA	NA	67	72	NA	71	73
	Average / Overall	NA	65	55	58	NA	53	57
31 Mar 2020	Max	NA	NA	49	49	45	45	46
	Min	NA	NA	52	51	64	55	53
	Average / Overall	56	51	50	51	54	50	50
1 Apr 2020	Max	NA	NA	50	49	46	47	47
	Min	NA	NA	51	52	63	55	54
	Average / Overall	56	51	51	50	54	51	50
2 Apr 2020	Max	NA	NA	55	45	46	48	44
	Min	NA	NA	56	56	81	58	57
	Average / Overall	62	53	55	50	57	55	49
3 Apr 2020	Max	NA	NA	69	51	46	49	49
	Min	NA	NA	74	70	82	75	73
	Average / Overall	65	67	71	57	57	68	56
4 Apr 2020	Max	NA	NA	53	49	44	48	48
	Min	NA	NA	55	64	63	56	68
	Average / Overall	55	55	54	52	54	54	52
5 Apr 2020	Max	NA	NA	49	50	42	45	49
	Min	NA	NA	52	52	67	52	54
	Average / Overall	54	51	51	51	51	50	51

Table 7 NM12 - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
13 Sep 2021	Max	NA	NA	47	43	NA	44	39
	Min	NA	NA	47	50	NA	51	55
	Average / Overall	NA	47	47	46	NA	46	45
14 Sep 2021	Max	NA	NA	46	44	43	44	42
	Min	NA	NA	50	49	62	53	53
	Average / Overall	54	47	48	46	51	48	46
15 Sep 2021	Max	NA	NA	49	44	45	44	40
	Min	NA	NA	51	48	62	55	53
	Average / Overall	54	48	50	46	52	49	46
16 Sep 2021	Max	NA	NA	46	42	44	44	41
	Min	NA	NA	48	49	65	51	50
	Average / Overall	55	46	47	45	52	47	45
17 Sep 2021	Max	NA	NA	45	44	43	42	41
	Min	NA	NA	47	51	57	50	53
	Average / Overall	52	47	46	49	51	46	48
18 Sep 2021	Max	NA	NA	44	42	45	42	39
	Min	NA	NA	48	52	59	49	53
	Average / Overall	52	48	47	48	50	47	47
19 Sep 2021	Max	NA	NA	52	46	43	43	44
	Min	NA	NA	55	48	74	56	50
	Average / Overall	62	50	53	47	53	52	47

Table 8 NM13 - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
13 Sep 2021	Max	NA	NA	47	42	NA	46	41
	Min	NA	NA	56	50	NA	59	57
	Average / Overall	NA	50	52	45	NA	51	44
14 Sep 2021	Max	NA	NA	51	43	46	49	42
	Min	NA	NA	53	51	61	55	54
	Average / Overall	58	49	52	47	52	52	46
15 Sep 2021	Max	NA	NA	50	43	46	47	42
	Min	NA	NA	51	51	61	55	54
	Average / Overall	58	48	51	46	52	50	45
16 Sep 2021	Max	NA	NA	50	43	46	49	42
	Min	NA	NA	51	48	59	52	51
	Average / Overall	56	49	51	45	51	51	45
17 Sep 2021	Max	NA	NA	47	44	46	46	42
	Min	NA	NA	49	51	62	50	53
	Average / Overall	57	49	48	49	52	48	48
18 Sep 2021	Max	NA	NA	47	43	46	46	42
	Min	NA	NA	50	53	62	52	59
	Average / Overall	57	49	48	46	51	48	45
19 Sep 2021	Max	NA	NA	59	51	45	47	49
	Min	NA	NA	62	57	78	64	58
	Average / Overall	57	49	60	54	56	59	53

Table 9 NM01(S) - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
10 Sep 2021	Max	NA	NA	50	48	NA	49	48
	Min	NA	NA	53	53	NA	54	56
	Average / Overall	NA	51	51	50	NA	51	50
11 Sep 2021	Max	NA	NA	52	48	49	49	47
	Min	NA	NA	54	52	58	59	53
	Average / Overall	53	51	53	50	53	52	50
12 Sep 2021	Max	NA	NA	51	48	48	48	44
	Min	NA	NA	51	51	59	53	52
	Average / Overall	53	50	51	49	53	51	49
13 Sep 2021	Max	NA	NA	49	48	46	47	46
	Min	NA	NA	51	50	59	52	51
	Average / Overall	52	49	50	49	52	50	49
14 Sep 2021	Max	NA	NA	51	48	48	48	47
	Min	NA	NA	51	51	59	54	52
	Average / Overall	53	50	51	51	53	51	51
15 Sep 2021	Max	NA	NA	51	48	49	49	47
	Min	NA	NA	53	51	57	57	56
	Average / Overall	53	50	52	49	53	52	49
16 Sep 2021	Max	NA	NA	50	50	50	49	48
	Min	NA	NA	51	51	60	52	53
	Average / Overall	53	51	51	50	53	51	50

Table 10 NM02(S) - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
18 Oct 2021	Max	NA	NA	60	53	NA	59	52
	Min	NA	NA	64	59	NA	66	61
	Average / Overall	NA	59	62	56	NA	62	56
19 Oct 2021	Max	NA	NA	59	53	59	59	52
	Min	NA	NA	62	59	64	64	61
	Average / Overall	61	58	61	56	61	60	56
20 Oct 2021	Max	NA	NA	60	54	60	60	54
	Min	NA	NA	67	63	73	69	65
	Average / Overall	63	61	64	59	62	63	59
21 Oct 2021	Max	NA	NA	60	53	60	59	52
	Min	NA	NA	69	59	66	71	63
	Average / Overall	62	61	64	56	62	64	56
22 Oct 2021	Max	NA	NA	60	54	59	59	53
	Min	NA	NA	63	59	63	64	60
	Average / Overall	61	58	61	58	61	61	58
23 Oct 2021	Max	NA	NA	62	54	59	60	53
	Min	NA	NA	65	60	70	66	61
	Average / Overall	62	60	64	57	62	64	57
24 Oct 2021	Max	NA	NA	60	52	58	60	50
	Min	NA	NA	65	60	67	68	62
	Average / Overall	60	59	62	56	60	62	55

Table 11 NM03(S) - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
18 Oct 2021	Max	NA	NA	56	46	NA	47	45
	Min	NA	NA	60	59	NA	63	63
	Average / Overall	NA	54	58	48	NA	56	47
19 Oct 2021	Max	NA	NA	48	45	48	47	45
	Min	NA	NA	50	49	61	54	51
	Average / Overall	55	47	49	46	54	49	46
20 Oct 2021	Max	NA	NA	60	48	48	49	48
	Min	NA	NA	71	57	74	74	62
	Average / Overall	61	63	67	49	57	64	49
21 Oct 2021	Max	NA	NA	48	47	49	47	46
	Min	NA	NA	61	49	65	64	52
	Average / Overall	54	53	56	47	53	53	47
22 Oct 2021	Max	NA	NA	47	47	48	47	46
	Min	NA	NA	48	50	61	49	52
	Average / Overall	54	47	48	50	53	48	50
23 Oct 2021	Max	NA	NA	61	47	48	50	47
	Min	NA	NA	71	59	69	74	67
	Average / Overall	57	63	67	50	54	64	49
24 Oct 2021	Max	NA	NA	47	46	47	47	46
	Min	NA	NA	47	50	60	48	54
	Average / Overall	53	47	47	47	52	47	47

Table 12 NM04(S) - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
24 Nov 2021	Max	NA	NA	65	48	NA	64	47
	Min	NA	NA	79	62	NA	83	64
	Average / Overall	NA	69	70	53	NA	69	52
25 Nov 2021	Max	NA	NA	56	47	54	54	46
	Min	NA	NA	78	54	57	81	55
	Average / Overall	55	67	66	50	55	64	50
26 Nov 2021	Max	NA	NA	53	47	51	50	46
	Min	NA	NA	53	53	57	55	54
	Average / Overall	54	51	53	50	54	53	50
27 Nov 2021	Max	NA	NA	59	49	51	56	48
	Min	NA	NA	64	77	75	67	80
	Average / Overall	58	70	62	64	54	61	62
28 Nov 2021	Max	NA	NA	58	45	51	56	42
	Min	NA	NA	78	61	57	81	63
	Average / Overall	53	68	67	51	53	65	51
29 Nov 2021	Max	NA	NA	53	45	51	52	43
	Min	NA	NA	53	52	55	53	53
	Average / Overall	53	50	53	48	52	53	48
30 Nov 2021	Max	NA	NA	52	44	49	51	43
	Min	NA	NA	53	54	54	56	58
	Average / Overall	52	51	53	48	52	53	48

Table 13 NM05(S) - baseline noise monitoring results

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
10 Sep 2021	Max	NA	NA	53	44	NA	51	41
	Min	NA	NA	55	52	NA	57	55
	Average / Overall	NA	50	54	47	NA	54	47
11 Sep 2021	Max	NA	NA	51	43	51	50	38
	Min	NA	NA	52	50	66	53	54
	Average / Overall	58	49	52	46	57	51	46
12 Sep 2021	Max	NA	NA	51	42	49	49	39
	Min	NA	NA	52	52	63	55	54
	Average / Overall	58	48	51	46	56	51	45
13 Sep 2021	Max	NA	NA	51	41	52	51	37
	Min	NA	NA	53	52	65	55	55
	Average / Overall	56	49	52	45	55	52	45
14 Sep 2021	Max	NA	NA	51	42	51	49	41
	Min	NA	NA	53	53	63	55	55
	Average / Overall	57	49	52	50	56	52	50
15 Sep 2021	Max	NA	NA	50	43	52	49	41
	Min	NA	NA	54	51	63	58	54
	Average / Overall	57	49	52	46	56	52	45
16 Sep 2021	Max	NA	NA	51	44	51	49	42
	Min	NA	NA	52	52	63	53	56
	Average / Overall	57	49	51	46	56	51	46

1.3.1 Summary of Baseline Noise Monitoring Results for Construction Noise Impact Assessment

The baseline noise monitoring results from NM08 to NM13 and NM01(S) to NM05(S) are summarised in this section. These data with background noise correction factors applied will be used to develop the noise criteria for this project.

Table 14: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM08

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
24 Feb 2020 to 29 Feb 2020	Max	NA	NA	40	37	42	39	36
	Min	NA	NA	61	52	69	69	55
	Average / Overall	54	47	50	40	51	49	39

Table 15: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM08

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
1 Mar 2020	Max	NA	NA	40	37	42	39	37
	Min	NA	NA	44	41	58	47	46
	Average / Overall	50	40	42	39	48	41	38

Table 16: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM09

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
29 Jan 2020 to 1 Feb 2020 & 3 Feb 2020 to 4 Feb 2020	Max	NA	NA	53	48	53	52	47
	Min	NA	NA	70	59	68	73	64
	Average / Overall	56	55	57	52	56	56	51

Table 17: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM09

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
2 Feb 2020	Max	NA	NA	54	49	53	53	48
	Min	NA	NA	56	54	59	59	58
	Average / Overall	55	53	55	51	55	55	51

Table 18: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM10

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
3 Mar 2020 to 7 Mar 2020 & 9 Mar 2020	Max	NA	NA	52	46	52	50	45
	Min	NA	NA	57	54	74	63	57
	Average / Overall	59	51	53	49	57	53	49

Table 19: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM10

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
8 Mar 2020	Max	NA	NA	52	47	51	51	45
	Min	NA	NA	52	53	59	55	56
	Average / Overall	53	50	52	49	53	52	49

Table 20: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM11

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
30 Mar 2020 to 4 Apr 2020	Max	NA	NA	49	45	44	45	44
	Min	NA	NA	74	72	82	75	73
	Average / Overall	59	57	56	53	55	55	53

Table 21: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM11

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
5 Apr 2020	Max	NA	NA	49	50	42	45	49
	Min	NA	NA	52	52	67	52	54
	Average / Overall	54	51	51	51	51	50	51

Table 22: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM12

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
13 Sep 2021 to 16 Sep 2021 & 18 Sep 2021 to 19 Sep 2021	Max	NA	NA	44	42	43	42	39
	Min	NA	NA	55	52	74	56	55
	Average / Overall	55	48	49	46	52	48	46

Table 23: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM12

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
17 Sep 2021	Max	NA	NA	45	44	43	42	41
	Min	NA	NA	47	51	57	50	53
	Average / Overall	52	47	46	49	51	46	48

Table 24: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM13

Monitoring period	$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
	7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
13 Sep 2021 to 16 Sep 2021 & 18 Sep 2021 to 19 Sep 2021	Max	NA	NA	47	42	45	46	41
	Min	NA	NA	62	57	78	64	59
	Average / Overall	57	49	52	47	52	52	47

Table 25: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM13

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
17 Sep 2021	Max	NA	NA	47	44	46	46	42
	Min	NA	NA	49	51	62	50	53
	Average / Overall	57	49	48	49	52	48	48

Table 26: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM01(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
10 – 13 Sep 2021 and 15 – 16 Sep 2021	Max	NA	NA	49	48	46	47	44
	Min	NA	NA	54	53	60	59	56
	Average / Overall	53	50	51	50	52	51	50

Table 27: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM01(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
14 Sep 2021	Max	NA	NA	51	48	48	48	47
	Min	NA	NA	51	51	59	54	52
	Average / Overall	53	50	51	51	53	51	51

Table 28: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM02(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
18 – 23 Oct 2021	Max	NA	NA	59	53	59	59	52
	Min	NA	NA	69	63	73	71	65
	Average / Overall	62	60	62	57	62	62	57

Table 29: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM02(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
24 Oct 2021	Max	NA	NA	60	52	58	60	50
	Min	NA	NA	65	60	67	68	62
	Average / Overall	60	59	62	56	60	62	55

Table 30: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM03(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
18 – 23 Oct 2021	Max	NA	NA	47	45	48	47	45
	Min	NA	NA	71	59	74	74	67
	Average / Overall	56	55	57	48	54	56	48

Table 31: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM03(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
24 Oct 2021	Max	NA	NA	47	46	47	47	46
	Min	NA	NA	47	50	60	48	54
	Average / Overall	53	47	47	47	52	47	47

Table 32: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM04(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
24 – 29 Nov 2021	Max	NA	NA	52	44	49	50	43
	Min	NA	NA	79	77	75	83	80
	Average / Overall	54	60	59	52	53	59	52

Table 33: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM04(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
30 Nov 2021	Max	NA	NA	58	45	51	56	42
	Min	NA	NA	78	61	57	81	63
	Average / Overall	53	68	67	51	53	65	51

Table 34: Summary of Baseline Noise Monitoring Results for Monday to Saturday at NM05(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
10 – 13 Sep 2021 and 15– 16 Sep 2021	Max	NA	NA	50	41	49	49	37
	Min	NA	NA	55	52	66	58	56
	Average / Overall	57	49	52	46	56	52	46

Table 35: Summary of Baseline Noise Monitoring Results for Sunday and Public Holiday at NM05(S)

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
14 Sep 2021	Max	NA	NA	51	42	51	49	41
	Min	NA	NA	53	53	63	55	55

Monitoring period		$L_{Aeq(12hours)}$, dB		$L_{Aeq(1hour)}$, dB		$L_{Aeq(5mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 7:00 am	7:00 pm – 10:00 pm	10:00 pm – 7:00 am	7:00 am – 7:00 pm	7:00 pm – 10:00 pm	10:00 pm – 7:00 am
	Average / Overall	57	49	52	50	56	52	50

1.4 Baseline Airborne Noise Monitoring Data (Operation)

The daily baseline airborne noise monitoring results for from NM08 to NM13 for 7:00 am – 7:00 pm, 7:00 pm – 11:00 pm and 11:00 pm – 7:00 am are listed in this section. The time period that will be used for the airborne noise impact assessments for Operation Phases is 7:00 am – 7:00 am Monday to Sunday. The recorded background levels in Table 36 to Table 41 are used to calculate the "adjusted maximum permissible noise level" in line with the directions given in the applicable legislation for the operational airborne noise impact assessment.

Table 36 NM08- baseline noise monitoring results

Monitoring period		$L_{Aeq(15mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 11:00 pm	11:00 pm – 7:00 am
24 Feb 2020	Max	NA	52	37
	Min	NA	65	52
	Average / Overall	NA	53	41
25 Feb 2020	Max	46	41	38
	Min	65	66	47
	Average / Overall	53	51	39
26 Feb 2020	Max	44	39	36
	Min	66	54	53
	Average / Overall	51	45	40
27 Feb 2020	Max	44	39	36
	Min	57	57	44
	Average / Overall	51	45	38
28 Feb 2020	Max	46	40	37
	Min	65	54	42
	Average / Overall	53	52	38
29 Feb 2020	Max	44	39	38
	Min	55	45	44
	Average / Overall	51	41	39
01 Mar 2020	Max	44	39	37
	Min	54	46	44
	Average / Overall	48	41	38

Table 37 NM09- baseline noise monitoring results

Monitoring period		$L_{Aeq(15mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 11:00 pm	11:00 pm – 7:00 am
29 Jan 2020	Max	NA	54	49
	Min	NA	71	61
	Average / Overall	NA	61	53
30 Jan 2020	Max	55	54	49
	Min	64	72	55
	Average / Overall	57	61	51
31 Jan 2020	Max	55	53	49
	Min	62	56	56
	Average / Overall	56	54	51
01 Feb 2020	Max	54	53	49
	Min	57	56	54
	Average / Overall	55	54	51
02 Feb 2020	Max	54	53	48
	Min	57	58	56
	Average / Overall	55	54	51
03 Feb 2020	Max	53	53	48
	Min	65	56	55
	Average / Overall	56	53	50
04 Feb 2020	Max	54	53	47
	Min	64	54	56
	Average / Overall	57	53	50

Table 38 NM10- baseline noise monitoring results

Monitoring period		$L_{Aeq(15mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 11:00 pm	11:00 pm – 7:00 am
3 Mar 2020	Max	NA	50	46
	Min	NA	54	55
	Average / Overall	NA	52	48
4 Mar 2020	Max	53	50	46
	Min	67	53	54
	Average / Overall	58	52	48
5 Mar 2020	Max	54	51	45
	Min	65	56	54
	Average / Overall	58	53	48
6 Mar 2020	Max	54	51	47
	Min	68	54	53
	Average / Overall	58	53	49
7 Mar 2020	Max	53	53	48
	Min	69	56	55
	Average / Overall	56	54	51
8 Mar 2020	Max	52	50	46
	Min	56	53	55
	Average / Overall	53	52	48
9 Mar 2020	Max	54	50	46
	Min	70	61	55
	Average / Overall	58	53	48

Table 39 NM11- baseline noise monitoring results

Monitoring period		$L_{Aeq(15mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 11:00 pm	11:00 pm – 7:00 am
30 Mar 2020	Max	NA	48	50
	Min	NA	73	71
	Average / Overall	NA	58	55
31 Mar 2020	Max	48	48	48
	Min	63	54	52
	Average / Overall	55	50	51
1 Apr 2020	Max	47	47	47
	Min	60	53	53
	Average / Overall	54	50	50
2 Apr 2020	Max	50	49	44
	Min	77	57	56
	Average / Overall	58	54	49
3 Apr 2020	Max	48	50	50
	Min	82	75	70
	Average / Overall	58	69	55
4 Apr 2020	Max	46	48	48
	Min	62	67	53
	Average / Overall	54	55	51
5 Apr 2020	Max	43	46	49
	Min	63	52	54
	Average / Overall	52	51	50

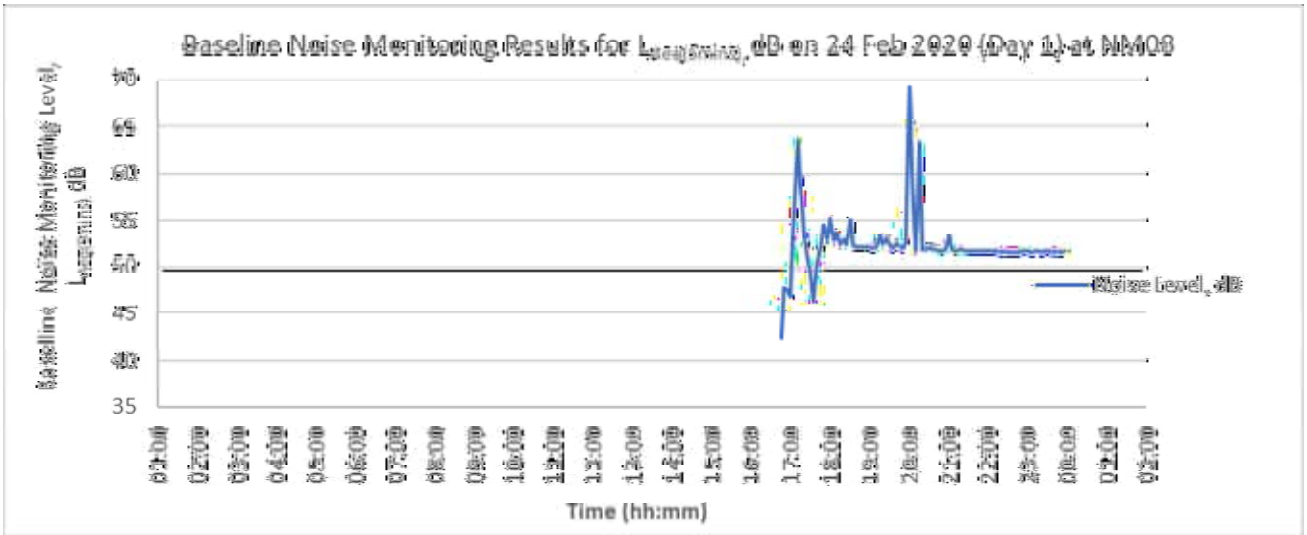
Table 40 NM12- baseline noise monitoring results

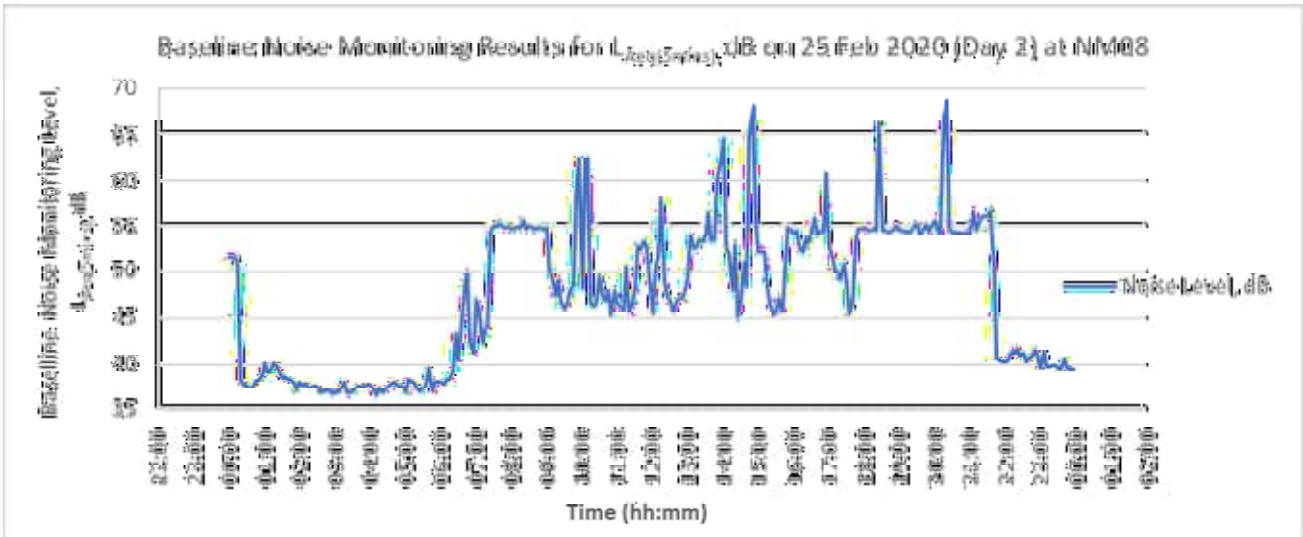
Monitoring period		$L_{Aeq(15mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 11:00 pm	11:00 pm – 7:00 am
13 Sep 2021	Max	NA	44	40
	Min	NA	50	54
	Average / Overall	NA	46	46
14 Sep 2021	Max	45	44	43
	Min	62	51	52
	Average / Overall	52	48	45
15 Sep 2021	Max	46	45	40
	Min	61	53	53
	Average / Overall	52	49	46
16 Sep 2021	Max	45	44	41
	Min	64	48	49
	Average / Overall	52	46	45
17 Sep 2021	Max	45	43	42
	Min	56	48	53
	Average / Overall	51	46	46
18 Sep 2021	Max	46	43	40
	Min	58	49	53
	Average / Overall	51	46	47
19 Sep 2021	Max	44	44	44
	Min	73	56	49
	Average / Overall	54	51	47

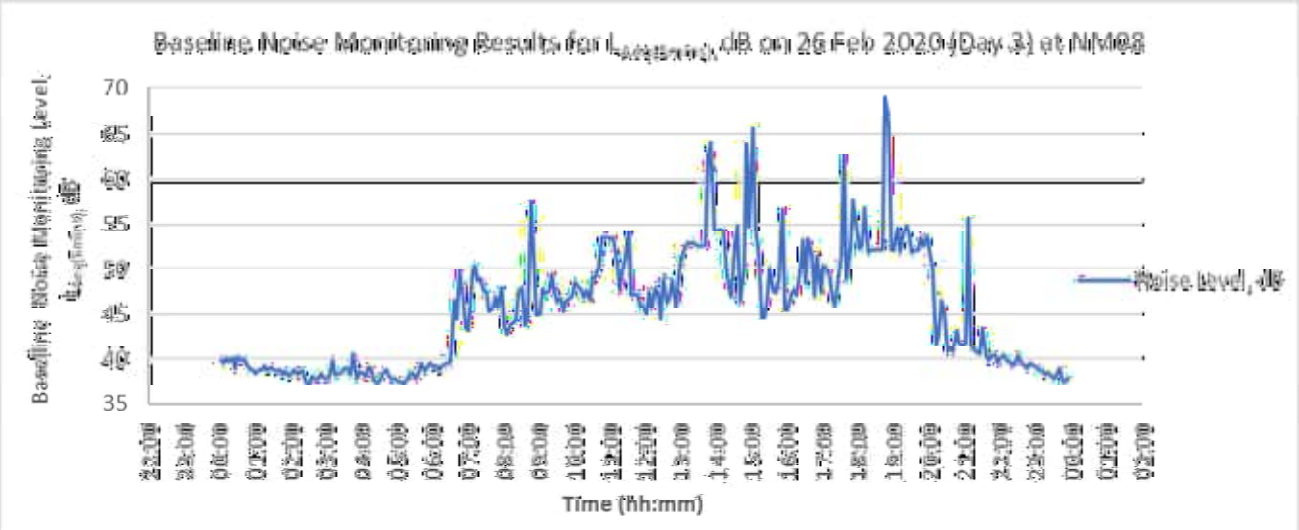
Table 41 NM13- baseline noise monitoring results

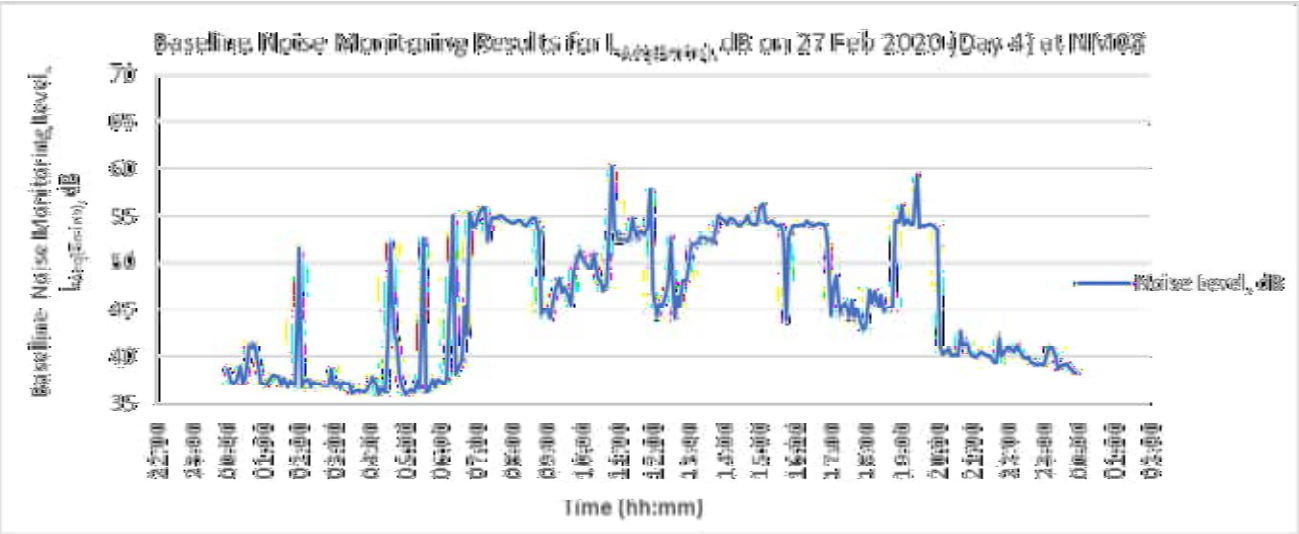
Monitoring period		$L_{Aeq(15mins)}$, dB		
		7:00 am – 7:00 pm	7:00 pm – 11:00 pm	11:00 pm – 7:00 am
13 Sep 2021	Max	NA	46	42
	Min	NA	59	54
	Average / Overall	NA	50	44
14 Sep 2021	Max	48	48	42
	Min	57	53	53
	Average / Overall	52	52	46
15 Sep 2021	Max	46	47	42
	Min	58	53	51
	Average / Overall	52	50	45
16 Sep 2021	Max	47	45	42
	Min	56	51	50
	Average / Overall	51	49	45
17 Sep 2021	Max	48	47	43
	Min	58	52	52
	Average / Overall	53	49	45
18 Sep 2021	Max	47	46	42
	Min	58	52	58
	Average / Overall	51	47	45
19 Sep 2021	Max	45	49	50
	Min	77	63	57
	Average / Overall	57	59	53

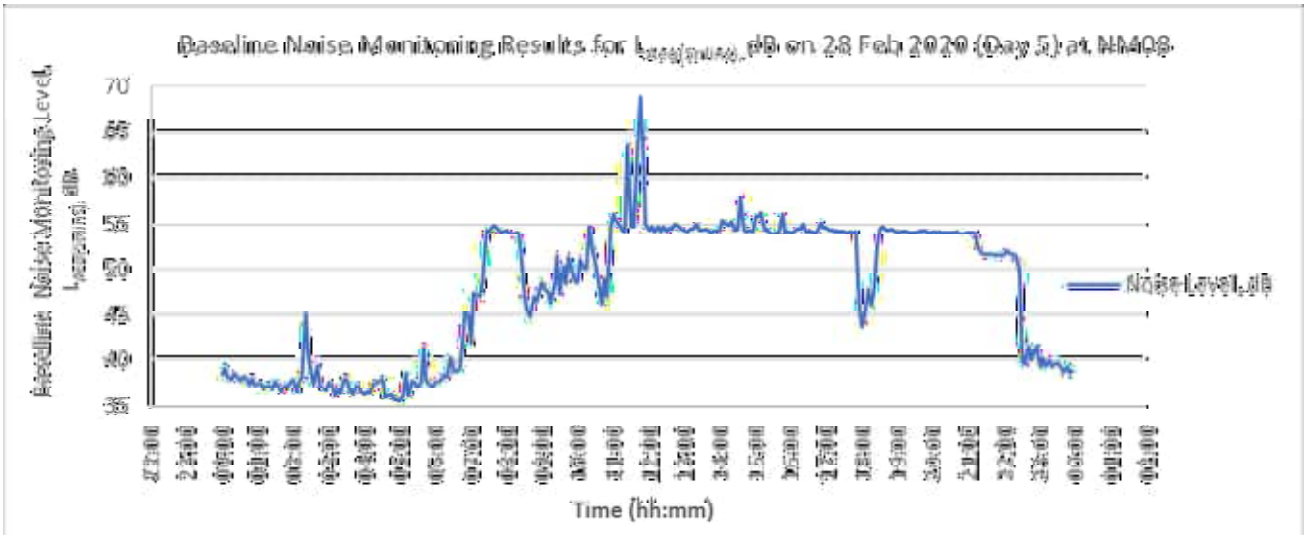
Annex A

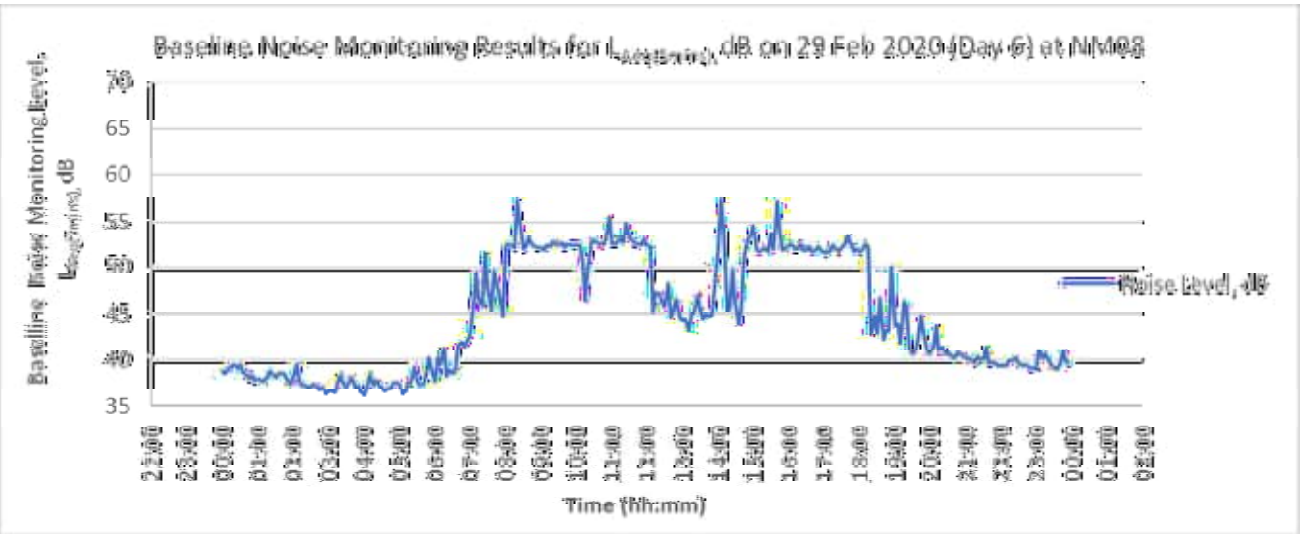

Baseline Noise Monitoring Results for $L_{eq(30min)}$, dB on 24 Feb 2020 (Day 1) at NM08
Baseline Noise Monitoring Level, $L_{eq(30min)}$, dB
35
40
45
50
55
60
65
Noise Level, dB
Time (hh:mm)

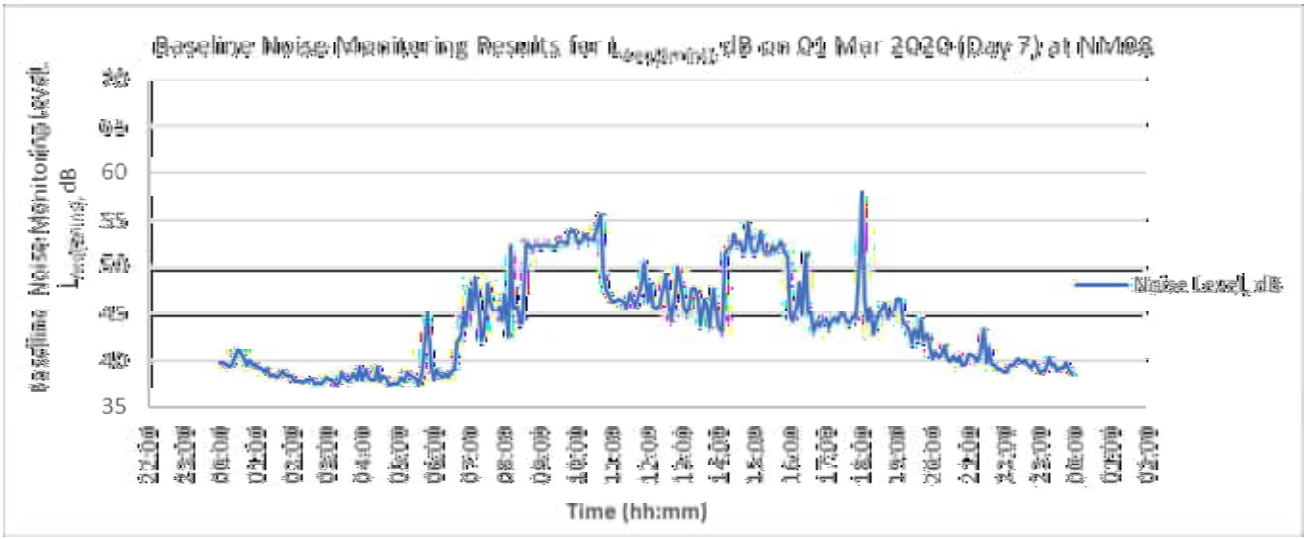

Baseline Noise Monitoring Results for $L_{eq(30min)}$, dB on 25 Feb 2020 (Day 2) at NM08
Baseline Noise Monitoring Level, $L_{eq(30min)}$, dB
70
Noise Level, dB
Time (hh:mm)

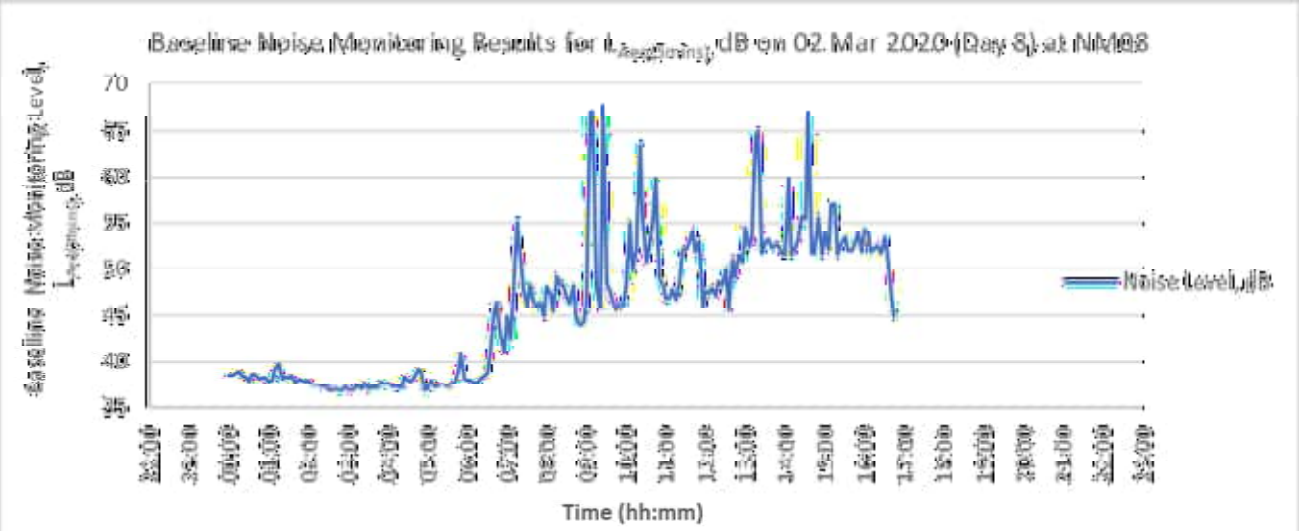

Baseline Noise Monitoring Results for $L_{eq(30min)}$, dB on 26 Feb 2020 (Day 3) at NM08
Baseline Noise Monitoring Level, $L_{eq(30min)}$, dB
70
35
Noise Level, dB
Time (hh:mm)

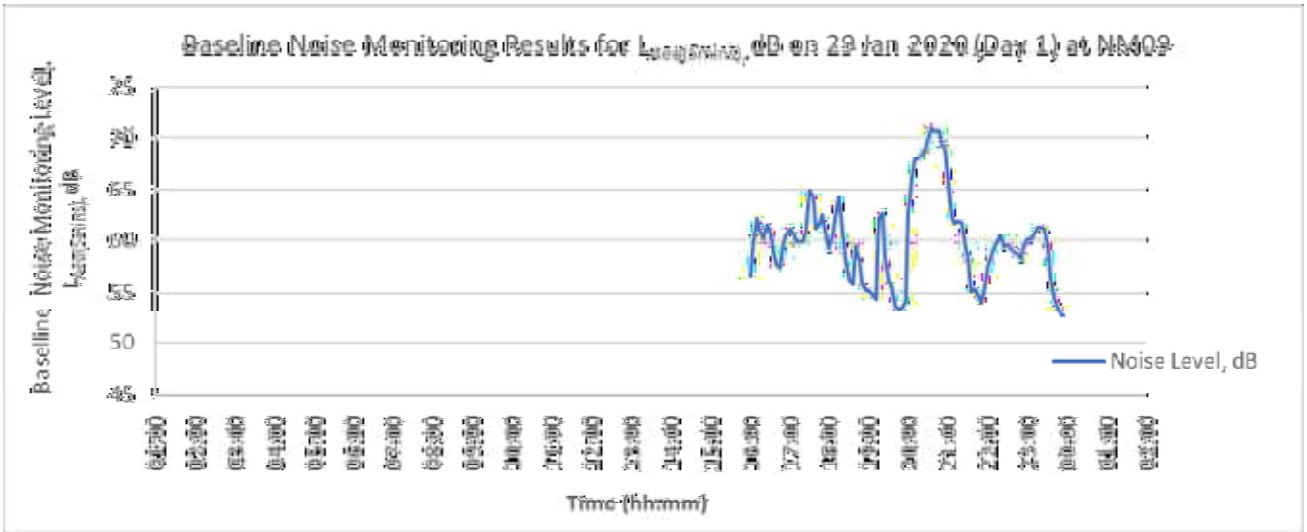

Baseline Noise Monitoring Results for $L_{Aeq(5min)}$ dB on 27 Feb 2020 (Day 4) at NM08
Baseline Noise Monitoring Level, $L_{Aeq(5min)}$, dB
70
65
60
55
50
45
40
35
Noise Level, dB
Time (hh:mm)

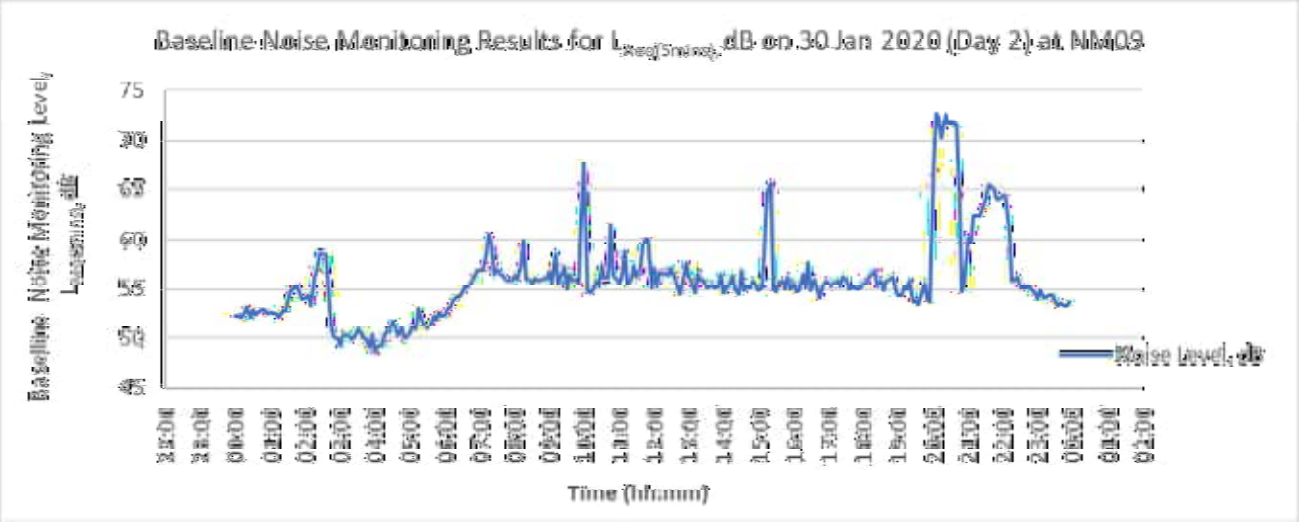

Baseline Noise Monitoring Results for $L_{Aeq(5min)}$ dB on 28 Feb 2020 (Day 5) at NM08
Baseline Noise Monitoring Level, $L_{Aeq(5min)}$, dB
70
65
60
55
50
45
40
35
Noise Level, dB
Time (hh:mm)

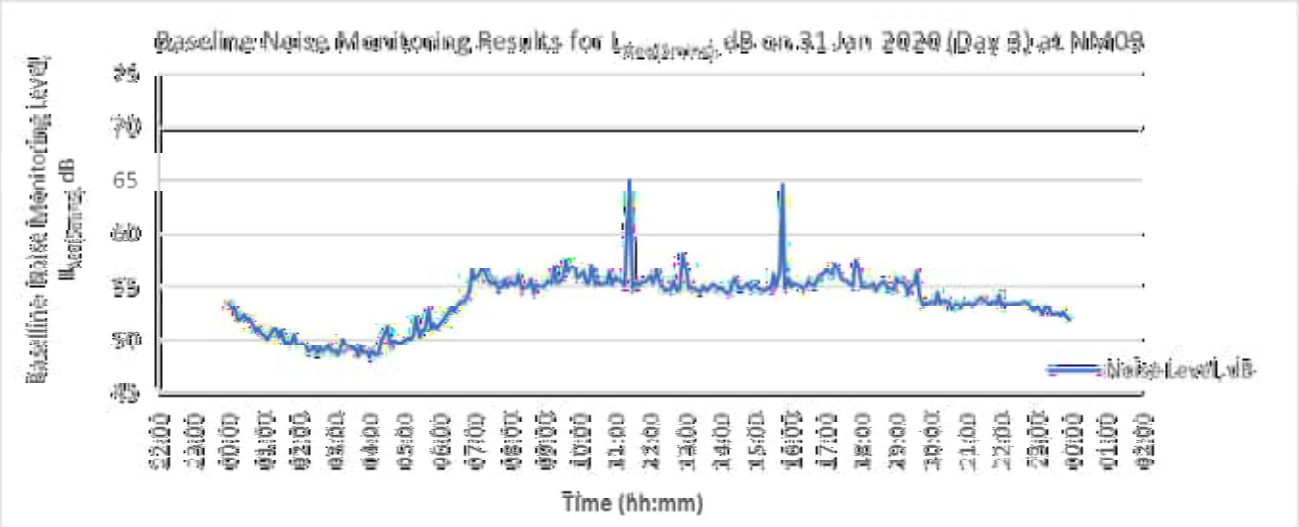

Baseline Noise Monitoring Results for $L_{Aeq(5min)}$ dB on 29 Feb 2020 (Day 6) at NM08
Baseline Noise Monitoring Level, $L_{Aeq(5min)}$, dB
70
65
60
55
50
45
40
35
Noise Level, dB
Time (hh:mm)

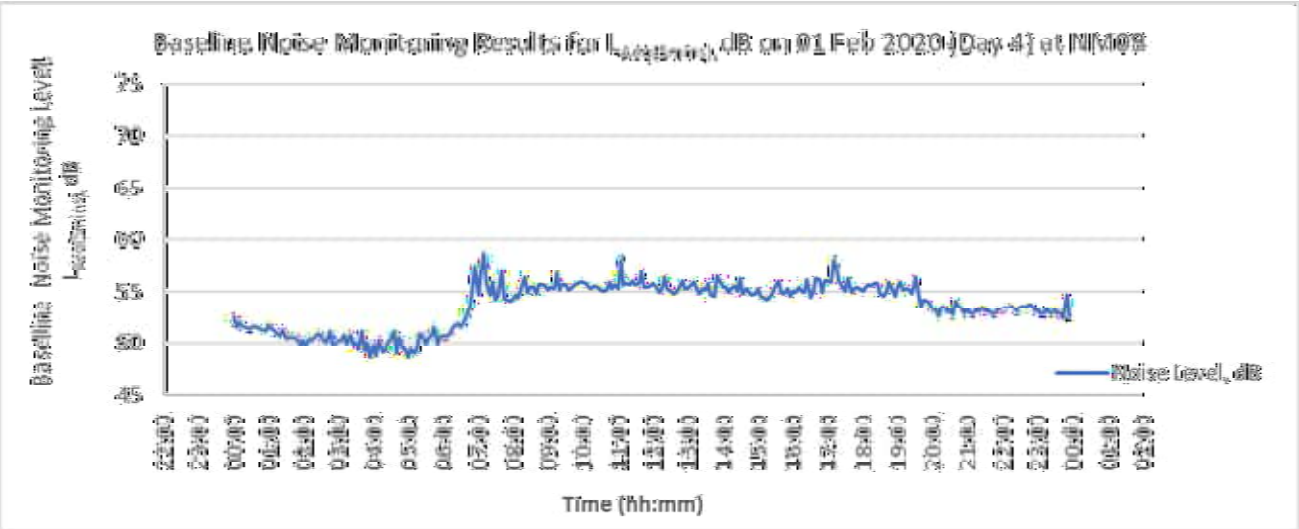

Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
35
40
45
50
55
60
65
Noise Level, dB
Time (hh:mm)

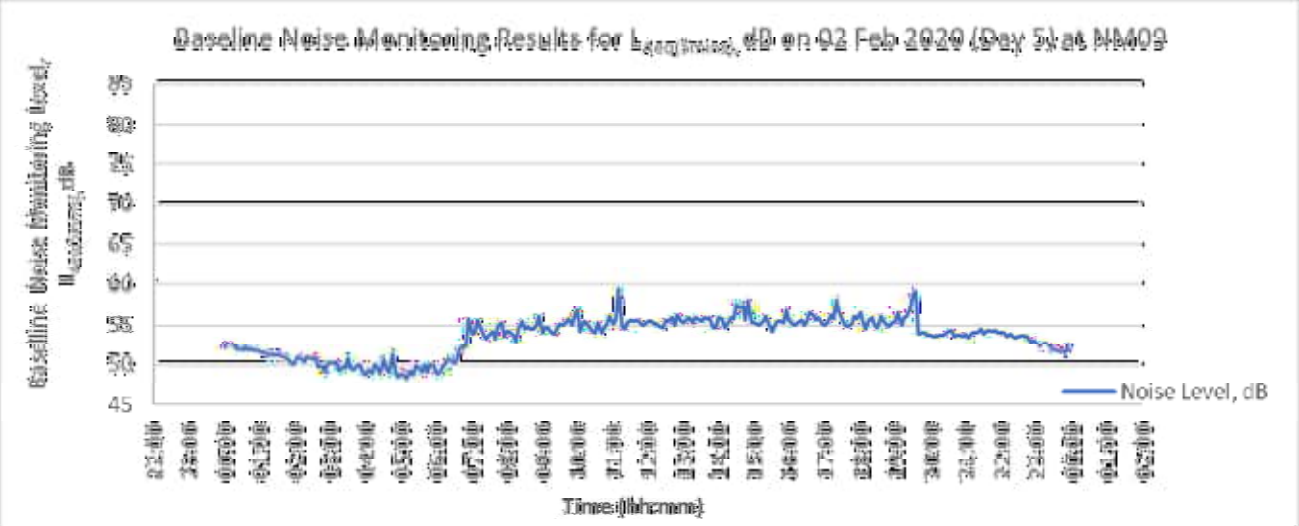

Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
40
45
50
55
60
65
70
Noise Level, dB
Time (hh:mm)

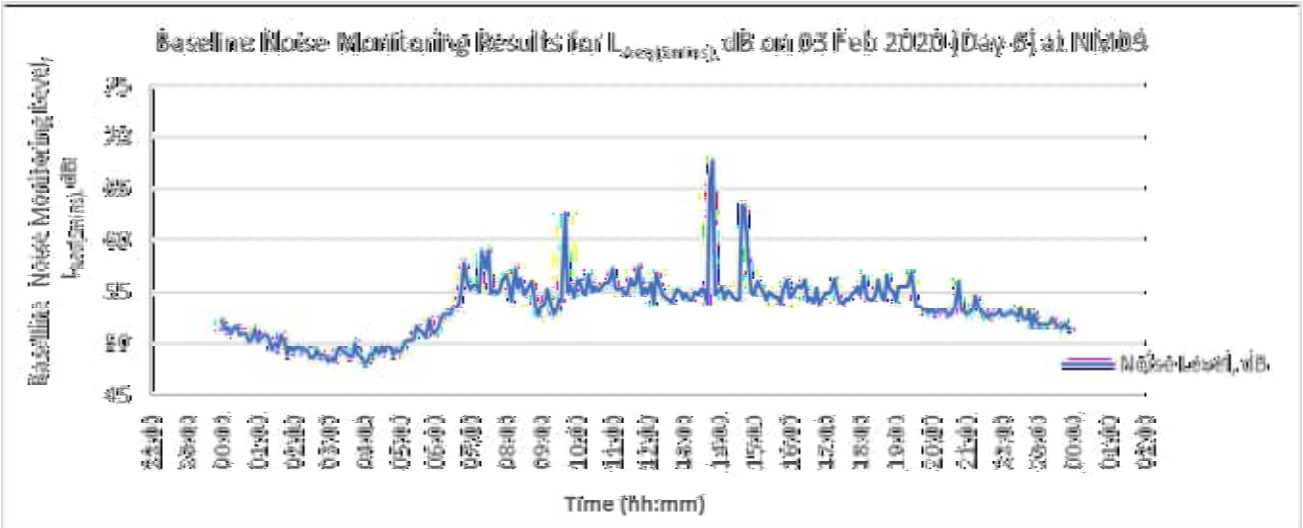

Baseline Noise Monitoring Results for $L_{eq(5min)}$ dB on 29 Jan 2020 (Day 1) at NM09
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
50
Noise Level, dB
Time (hh:mm)

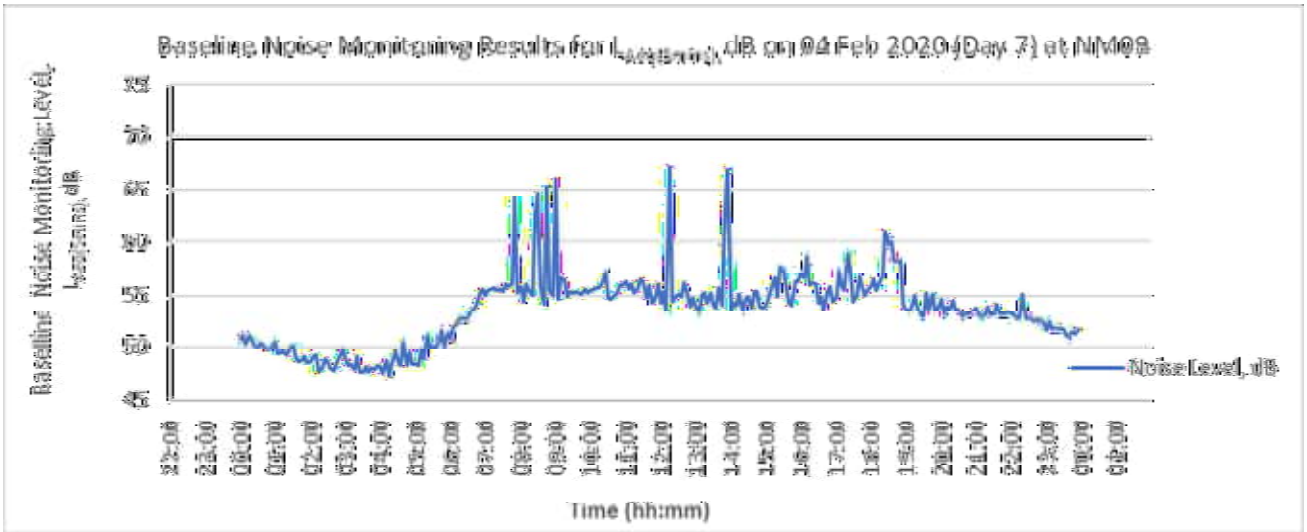

Baseline Noise Monitoring Results for $L_{eq(5min)}$ dB on 30 Jan 2020 (Day 2) at NM09
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
75
50
Noise Level, dB
Time (hh:mm)

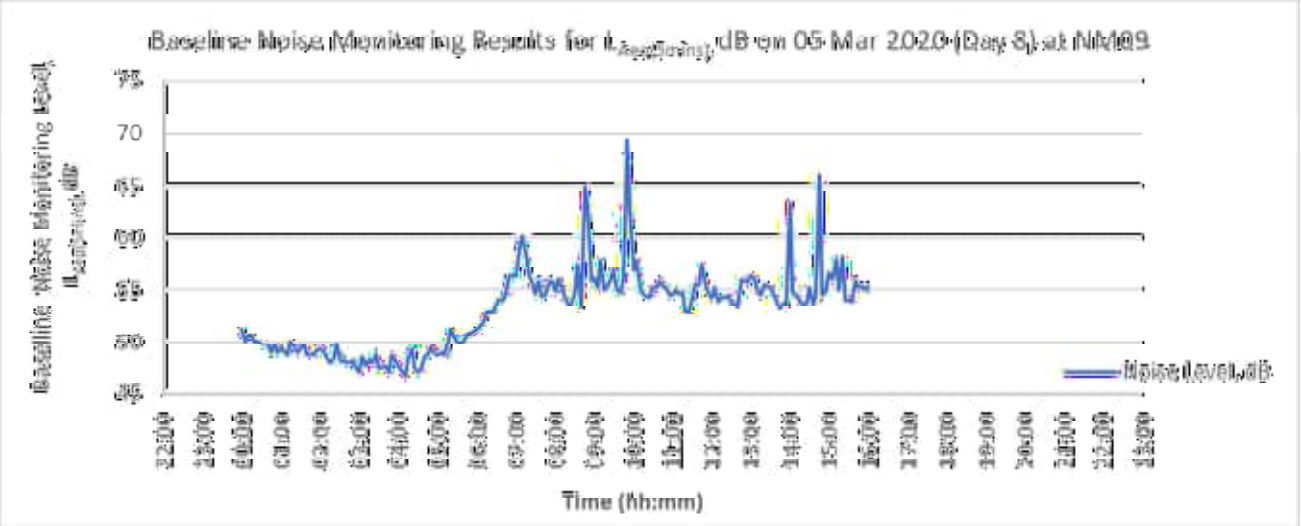

Baseline Noise Monitoring Results for $L_{eq(5min)}$ dB on 31 Jan 2020 (Day 3) at NM09
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
65
Noise Level, dB
Time (hh:mm)

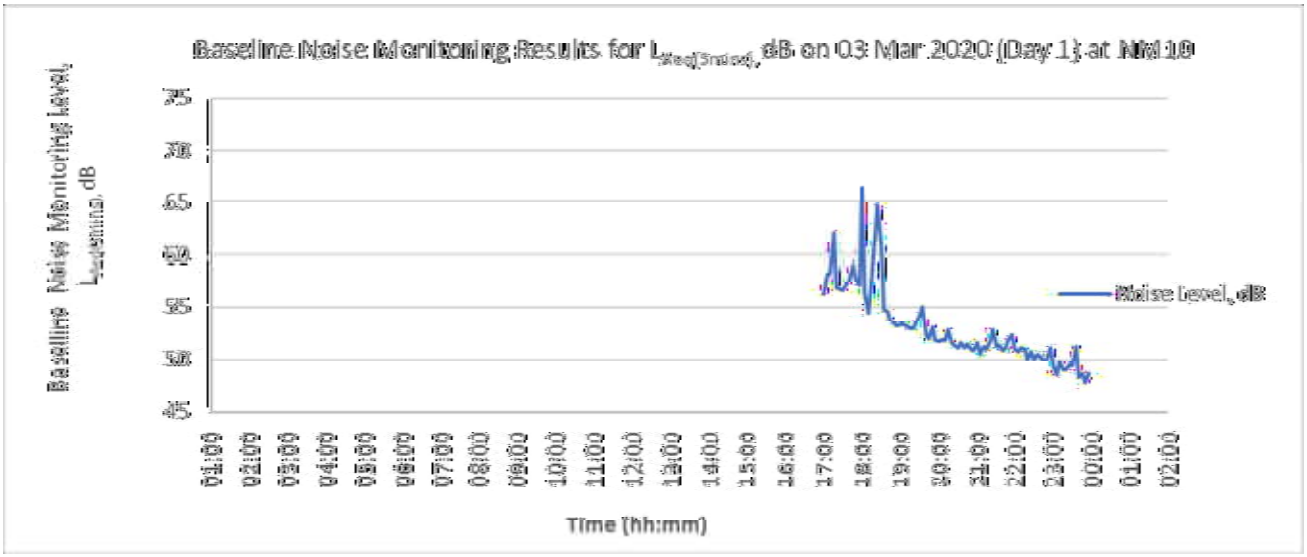

Time (hh:mm)
Noise Level, dB

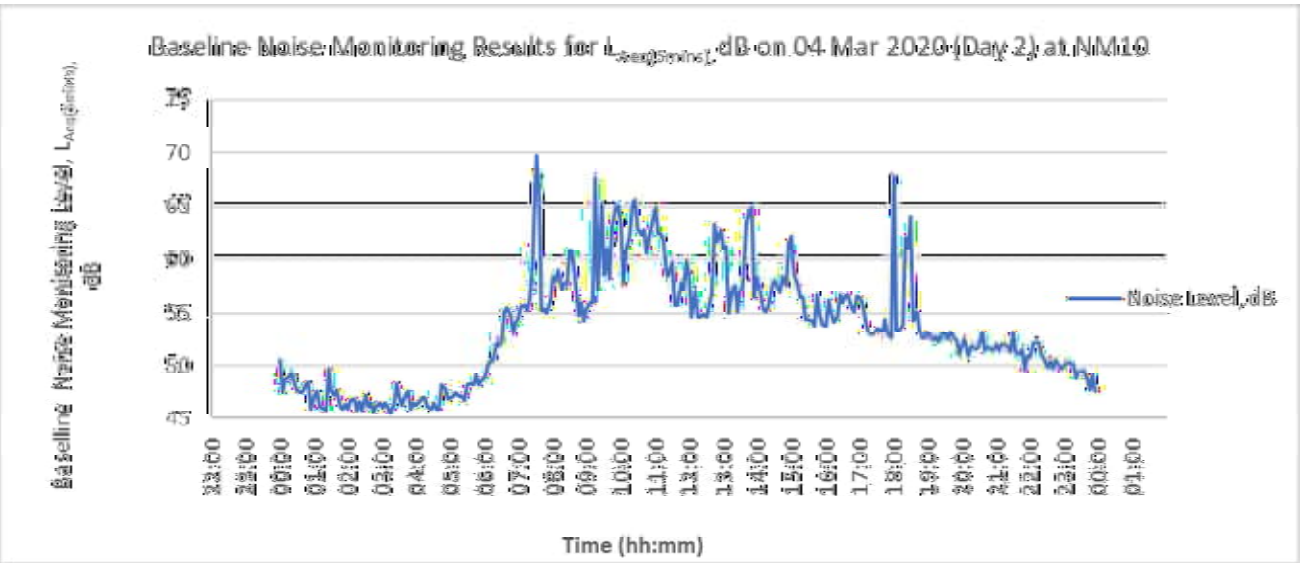

Noise Level, dB

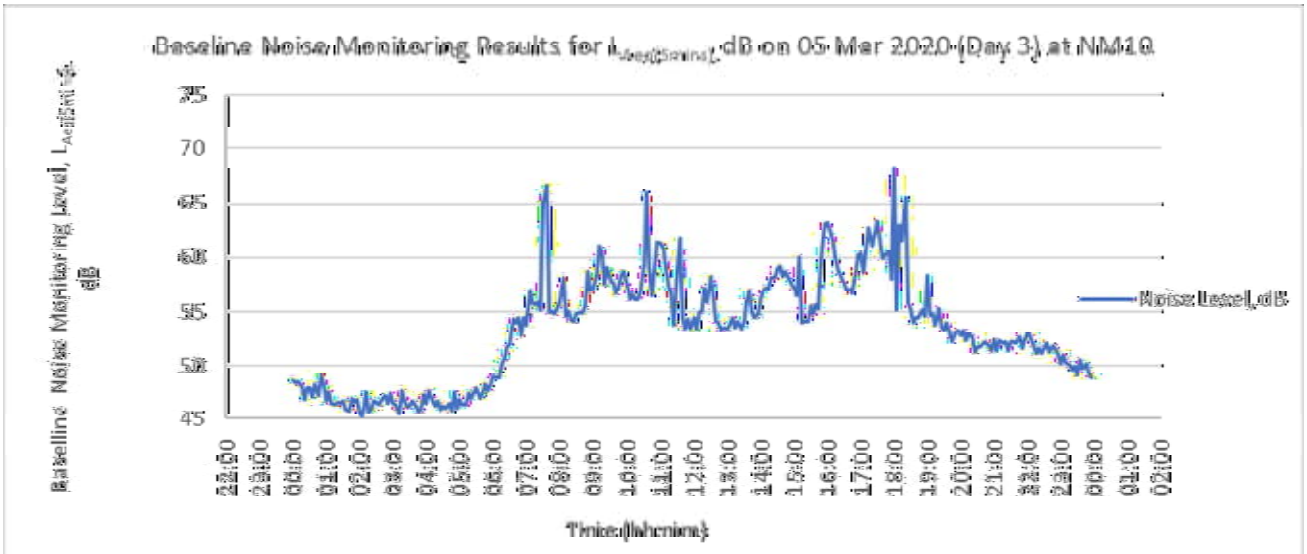

Time (hh:mm)

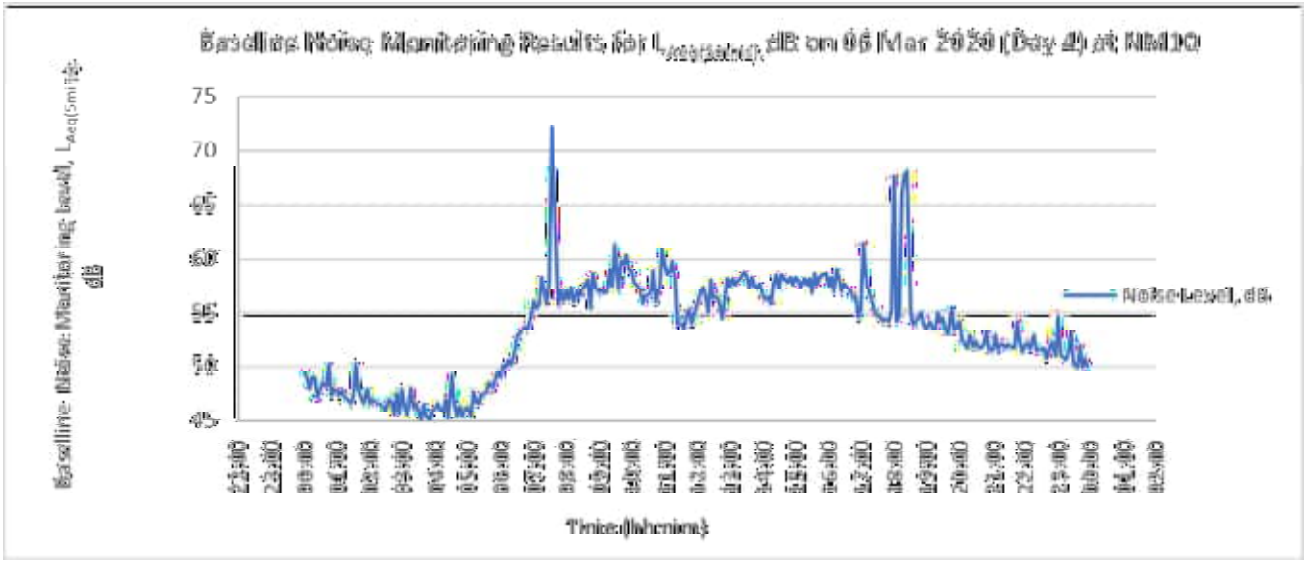

Time (hh:mm)
Noise Level, dB


70
Time (hh:mm)
Noise Level, dB

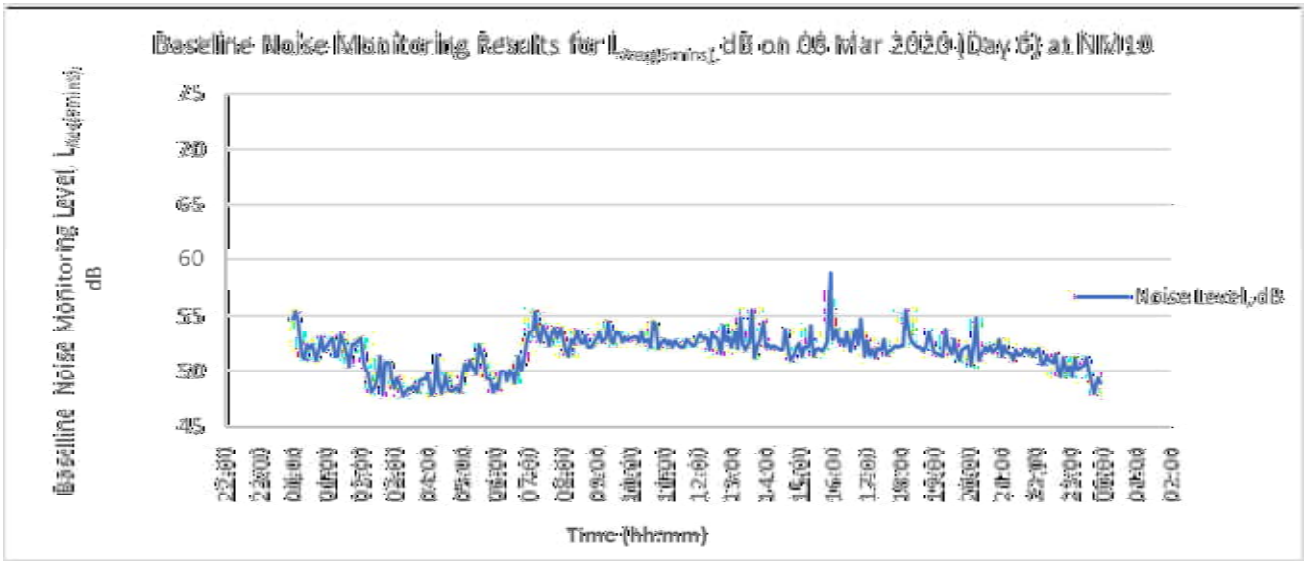

Baseline Noise Monitoring Results for $L_{eq(5min)}$, dB on 03 Mar 2020 (Day 1) at NM10
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
Noise Level, dB
Time (hh:mm)

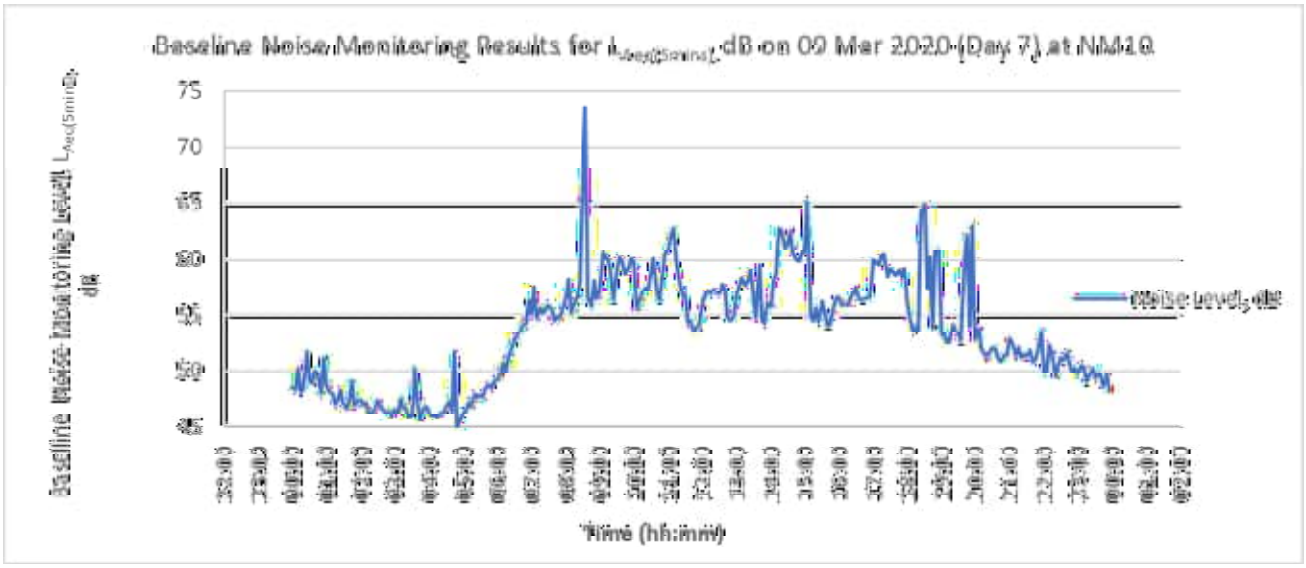

Baseline Noise Monitoring Results for $L_{eq(5min)}$, dB on 04 Mar 2020 (Day 2) at NM10
Baseline Noise Monitoring Level, $L_{Aeq(5min)}$, dB
Noise Level, dB
Time (hh:mm)

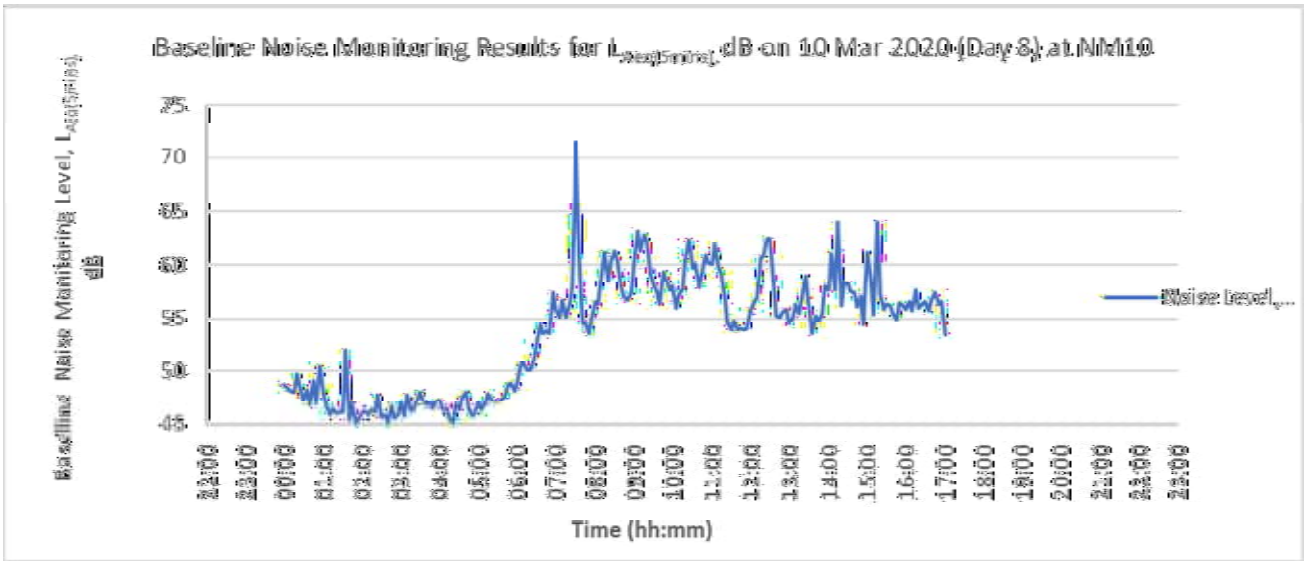

Baseline Noise Monitoring Results for $L_{eq(5min)}$, dB on 05 Mar 2020 (Day 3) at NM10
Baseline Noise Monitoring Level, $L_{Aeq(5min)}$, dB
Noise Level, dB
Time (hh:mm)

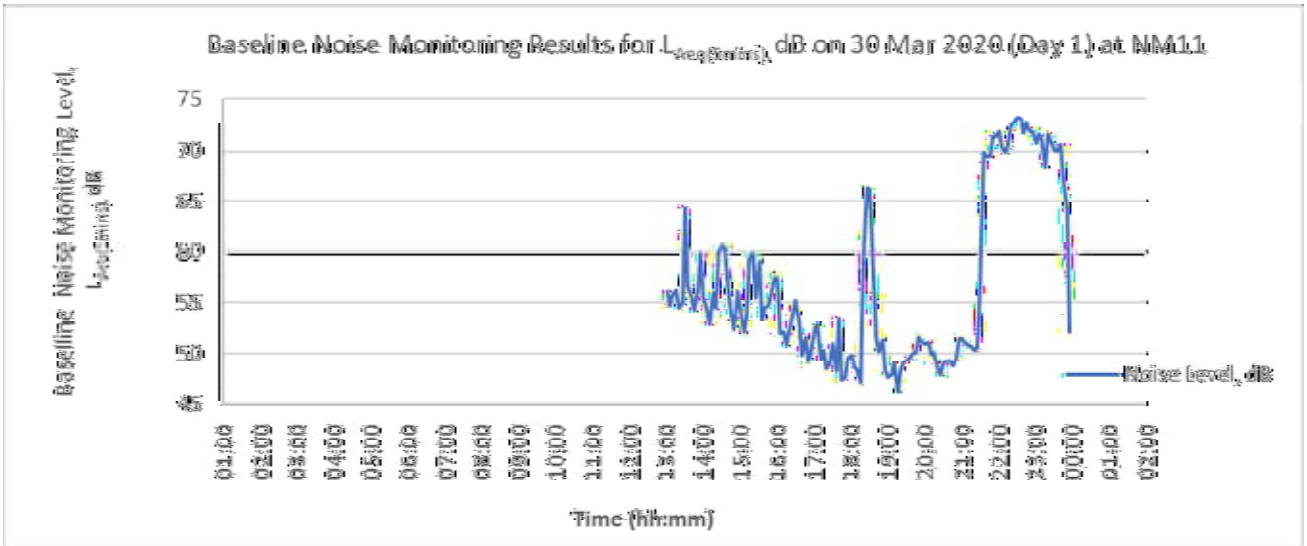

Baseline Noise Monitoring Results for $L_{eq(5min)}$ dB on 06 Mar 2020 (Day 4) at NM10
Baseline Noise Monitoring Level, $L_{eq(5min)}$ dB
75
70
65
60
55
50
45
Noise Level, dB
Time (hh:mm)

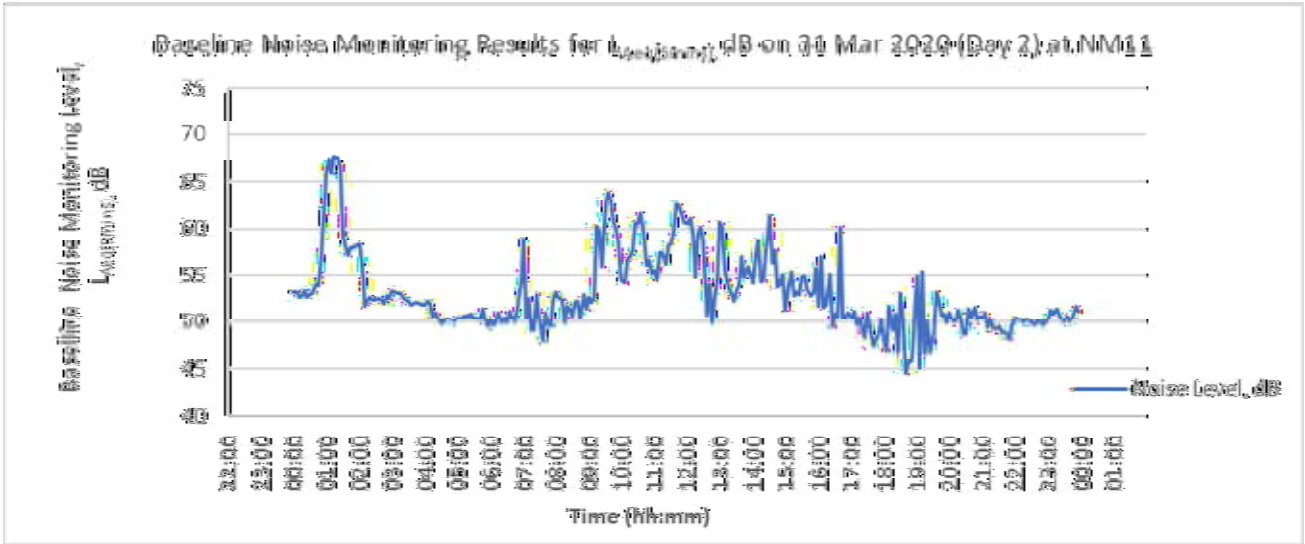

Baseline Noise Monitoring Results for $L_{eq(5min)}$ dB on 07 Mar 2020 (Day 5) at NM10
Baseline Noise Monitoring Level, $L_{eq(5min)}$ dB
75
65
60
55
50
45
Noise Level, dB
Time (hh:mm)

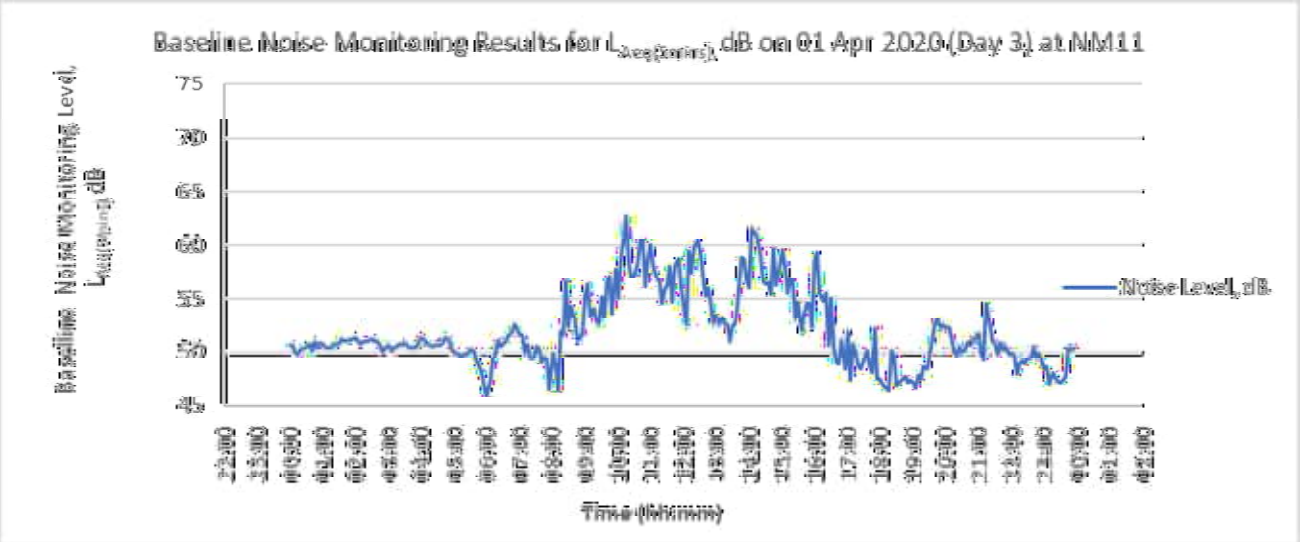

Baseline Noise Monitoring Results for $L_{eq(5min)}$ dB on 08 Mar 2020 (Day 6) at NM10
Baseline Noise Monitoring Level $L_{eq(5min)}$ dB
65
60
55
50
45
Noise Level, dB
Time (hh:mm)

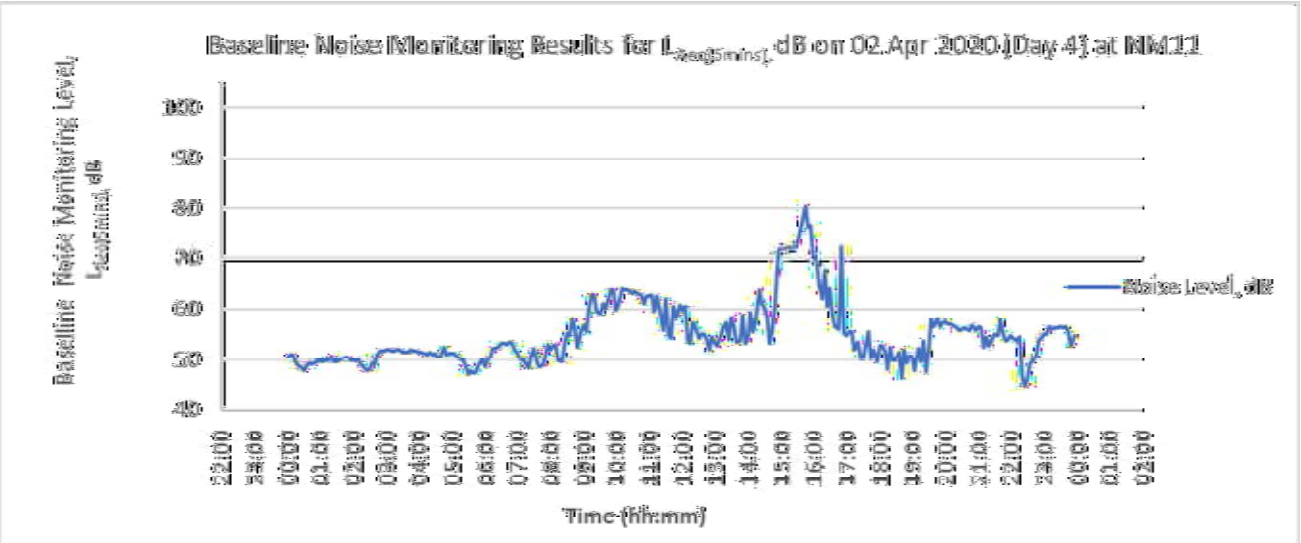

Baseline Noise Monitoring Results for $L_{eq(5min)}$ dB on 09 Mar 2020 (Day 7) at NM10
Baseline Noise Monitoring Level $L_{eq(5min)}$, dB
75
70
65
60
55
50
45
Noise level, dB
Time (hh:mm)

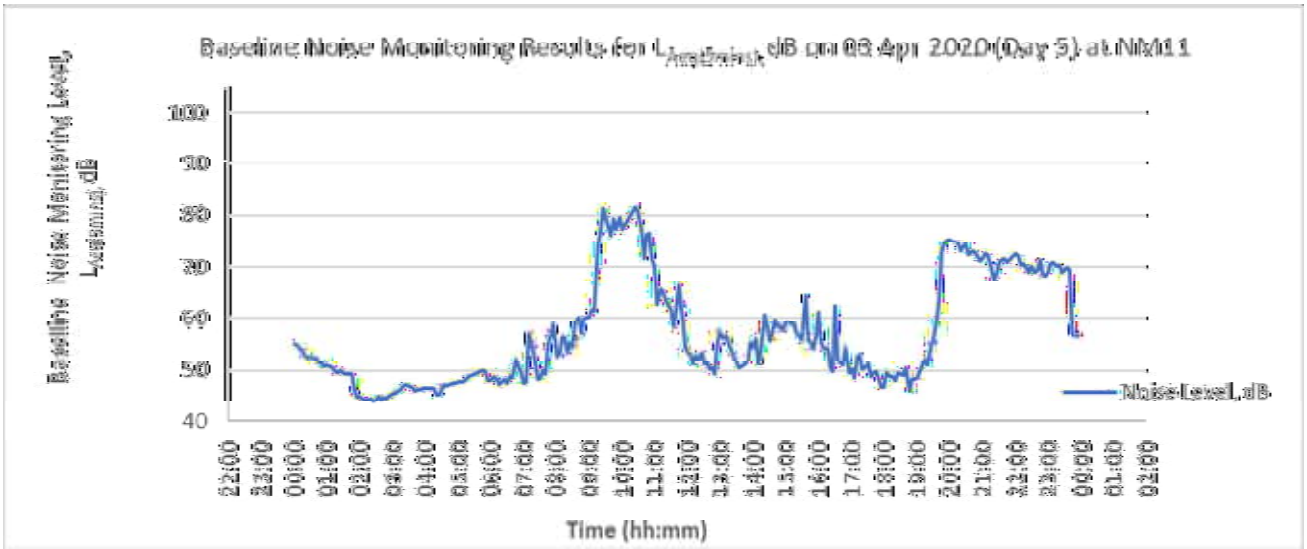

Baseline Noise Monitoring Results for $L_{eq(5min)}$ dB on 10 Mar 2020 (Day 8) at NM10
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
75
70
65
60
55
50
45
Noise level, ...
Time (hh:mm)

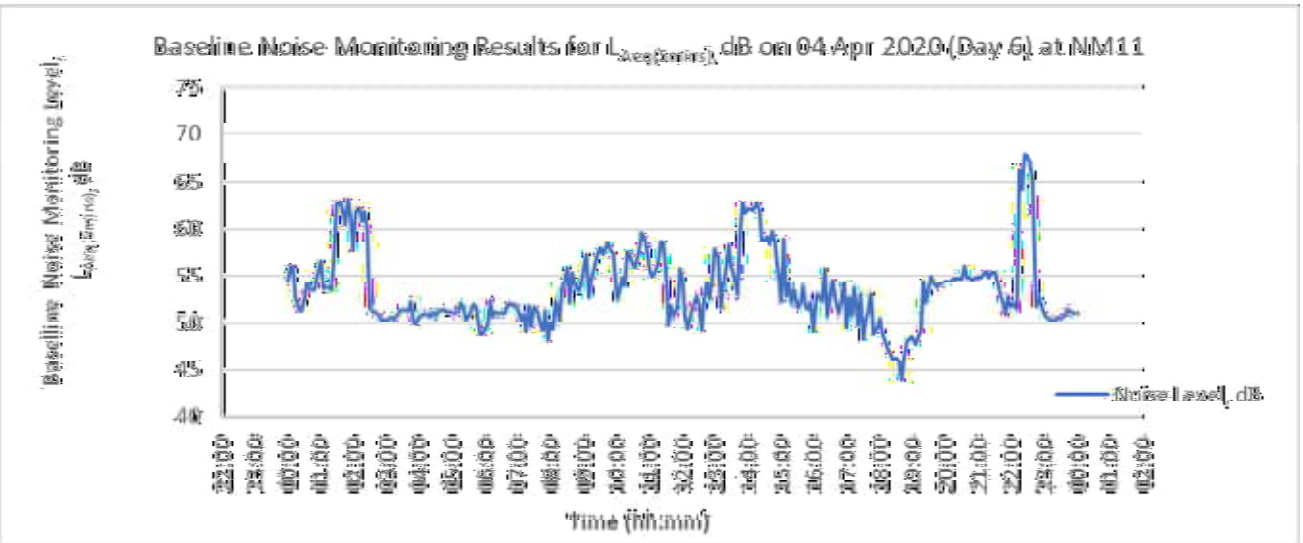

Baseline Noise Monitoring Results for $L_{eq(5min)}$, dB on 30 Mar 2020 (Day 1) at NM11
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
75
Noise Level, dB
Time (hh:mm)

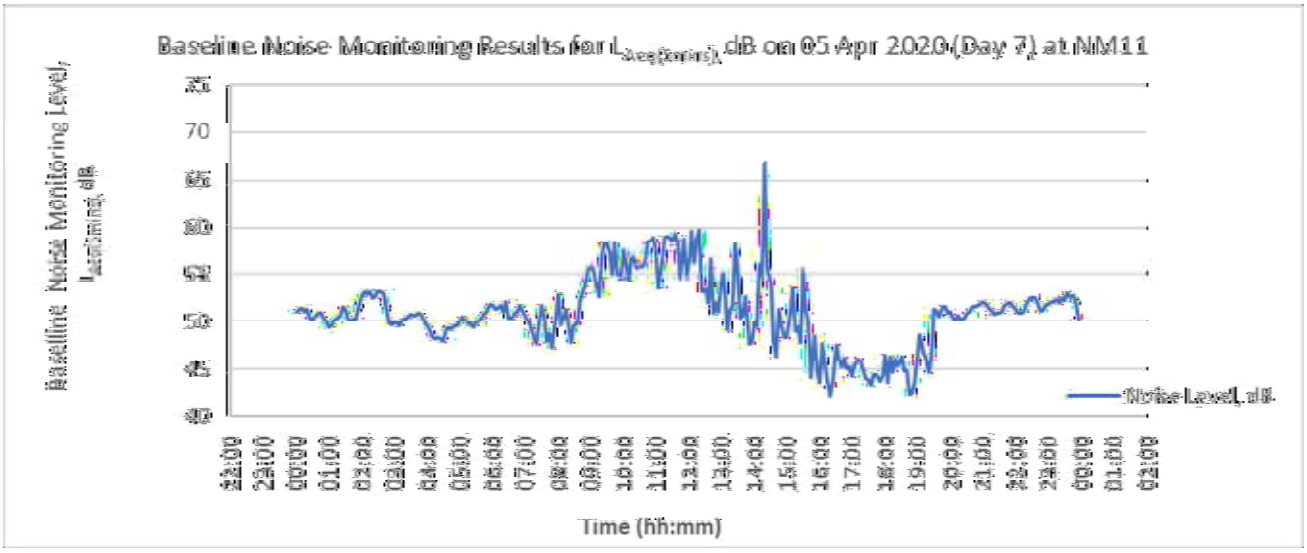

Baseline Noise Monitoring Results for $L_{eq(5min)}$, dB on 31 Mar 2020 (Day 2) at NM11
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
70
Noise Level, dB
Time (hh:mm)

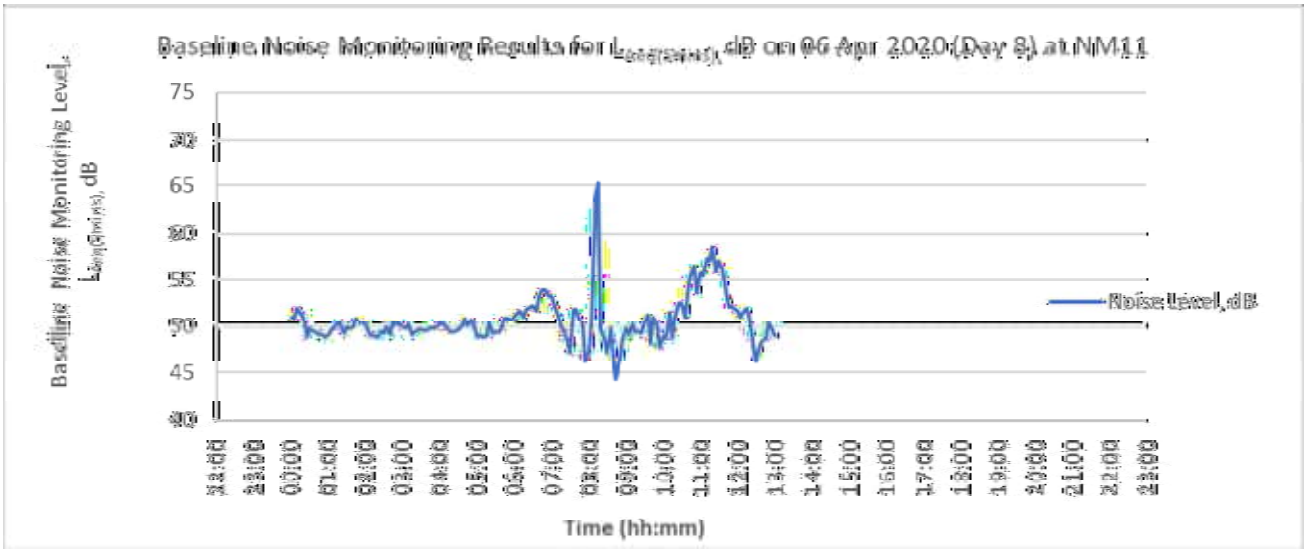

Baseline Noise Monitoring Results for $L_{eq(5min)}$, dB on 01 Apr 2020 (Day 3) at NM11
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
75
Noise Level, dB
Time (hh:mm)

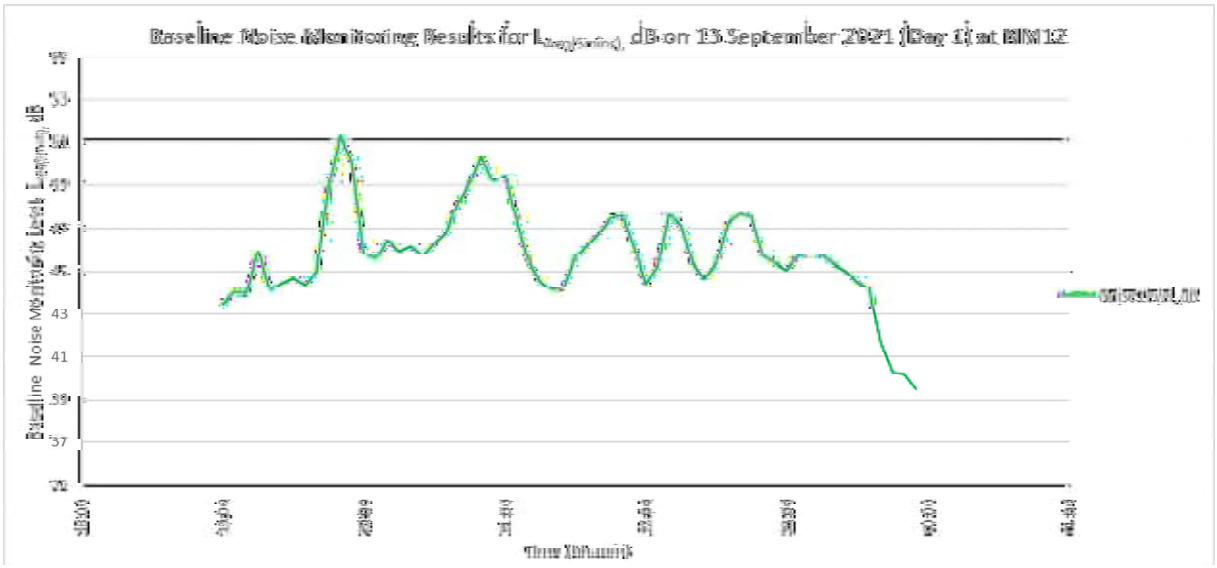

Baseline Noise Monitoring Results for $L_{Aeq5min}$ dB on 02 Apr 2020(Day 4) at NM11
Baseline Noise Monitoring Level, $L_{Aeq5min}$, dB
Noise Level, dB
Time (hh:mm)

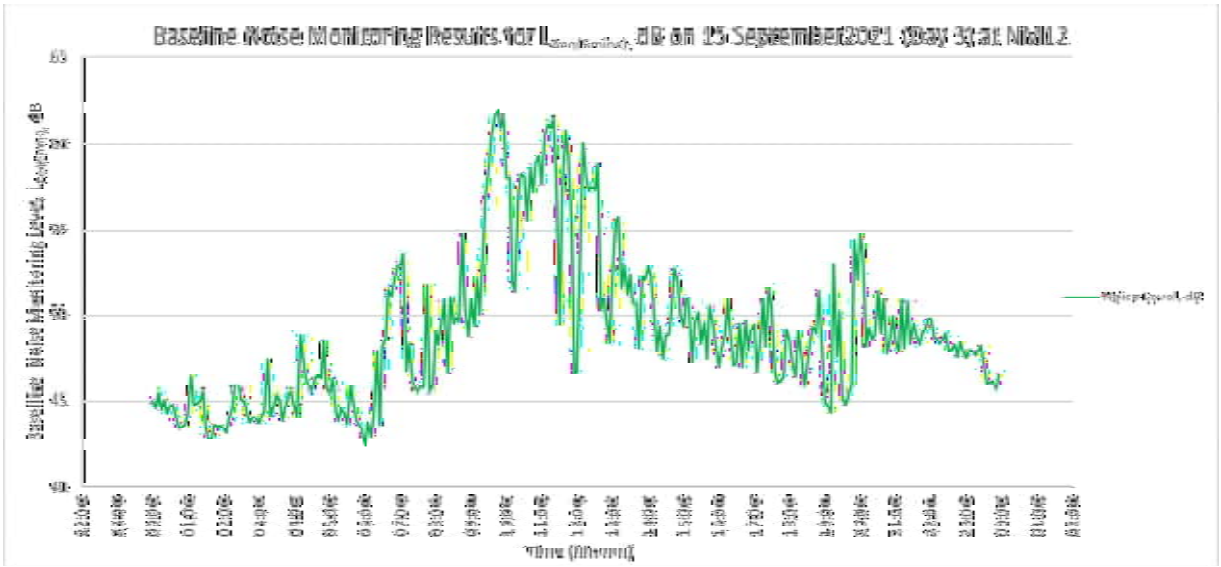

Baseline Noise Monitoring Results for $L_{Aeq5min}$ dB on 03 Apr 2020(Day 5) at NM11
Baseline Noise Monitoring Level, $L_{Aeq5min}$, dB
Noise Level, dB
Time (hh:mm)

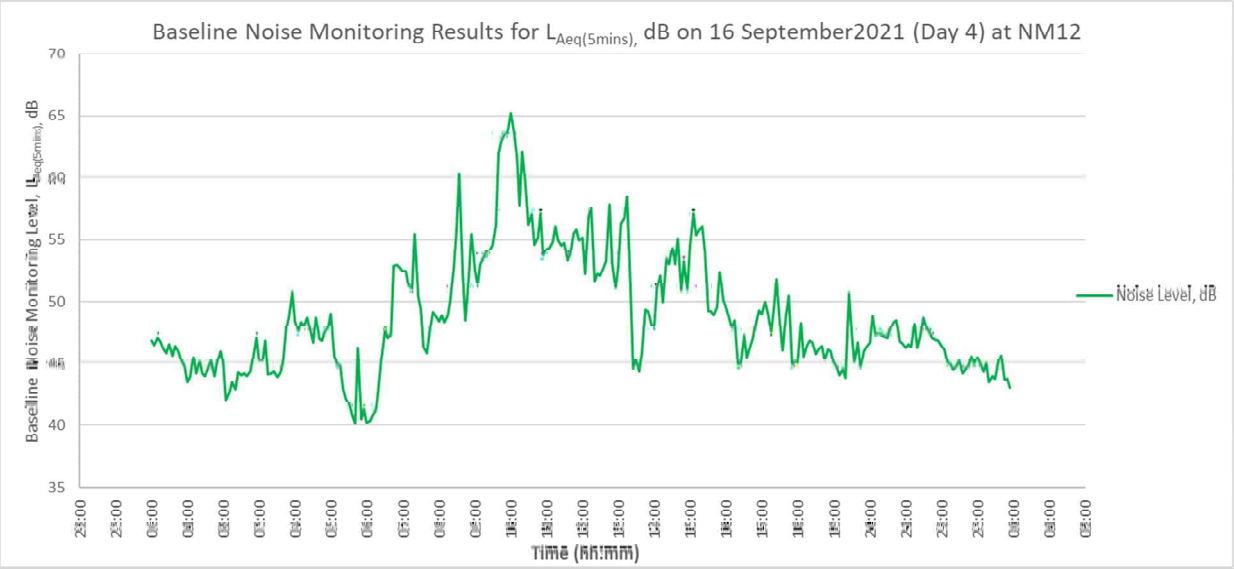

Baseline Noise Monitoring Results for $L_{Aeq5min}$ dB on 04 Apr 2020(Day 6) at NM11
Baseline Noise Monitoring Level, $L_{Aeq5min}$, dB
Noise Level, dB
Time (hh:mm)

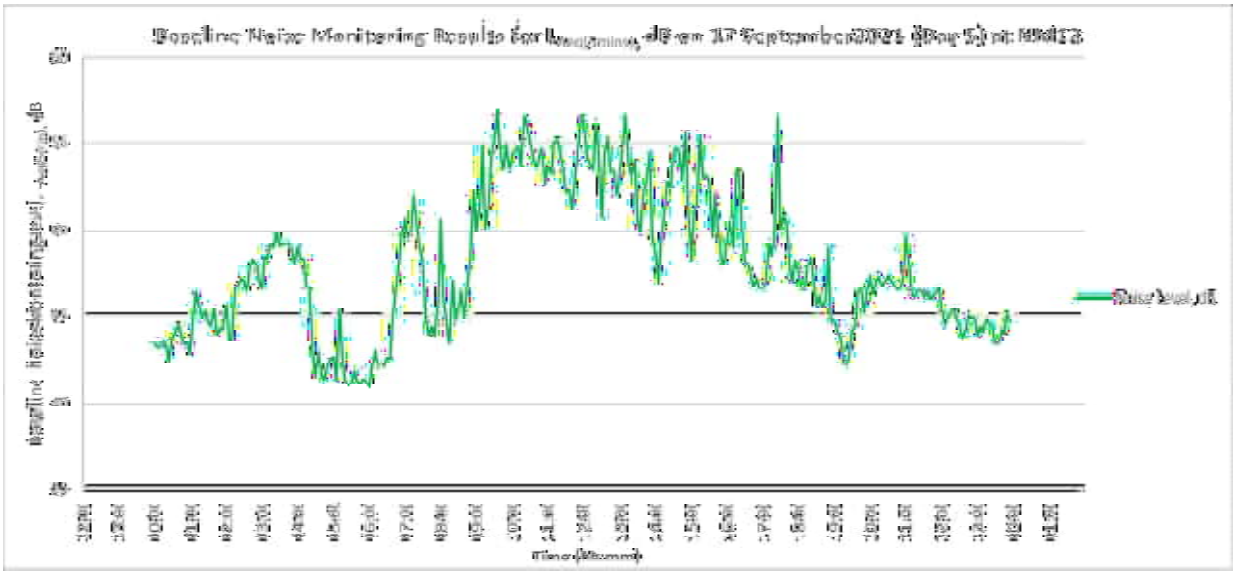

Baseline Noise Monitoring Results for $L_{eq(5min)}$, dB on 05 Apr 2020 (Day 7) at NM11
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
70
Noise Level, dB
Time (hh:mm)

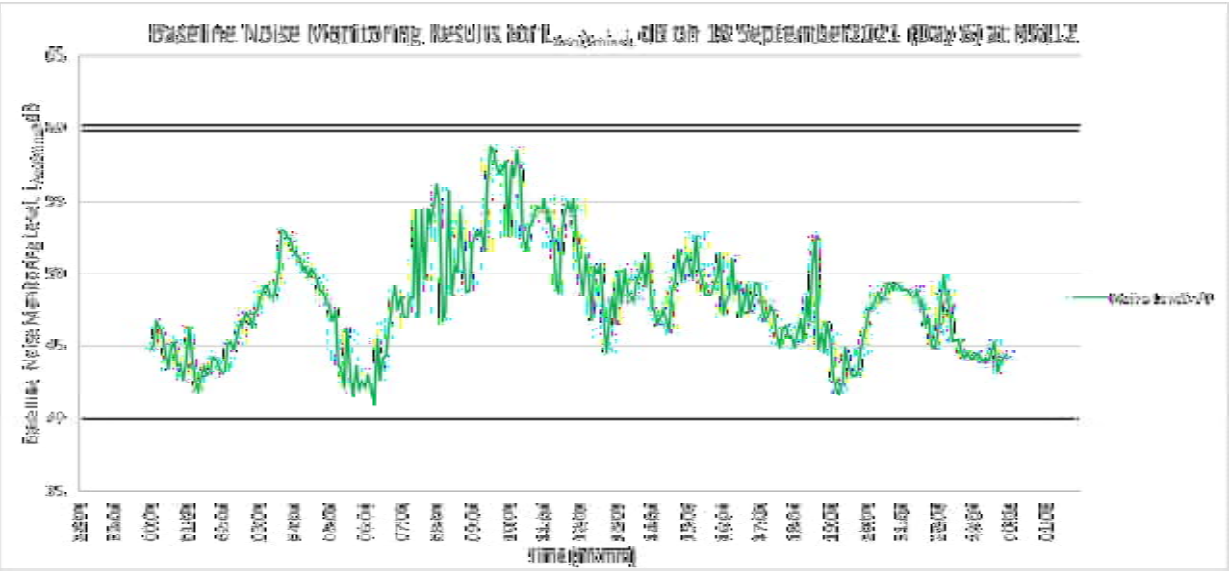

Baseline Noise Monitoring Results for $L_{eq(5min)}$, dB on 06 Apr 2020 (Day 8) at NM11
Baseline Noise Monitoring Level, $L_{eq(5min)}$, dB
75
65
45
Noise Level, dB
Time (hh:mm)

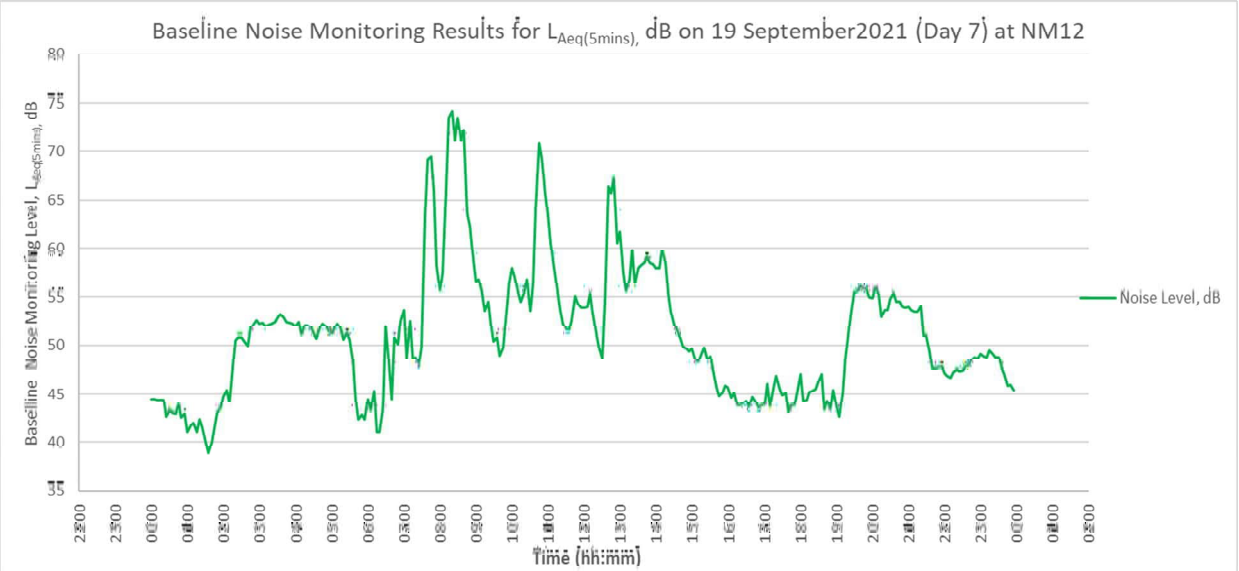


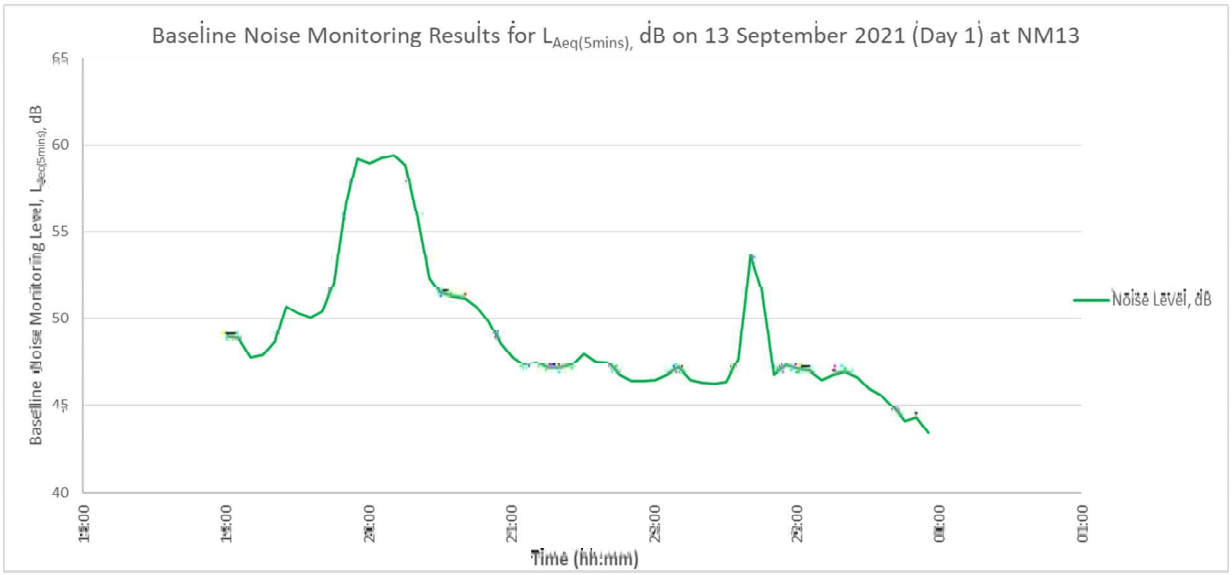


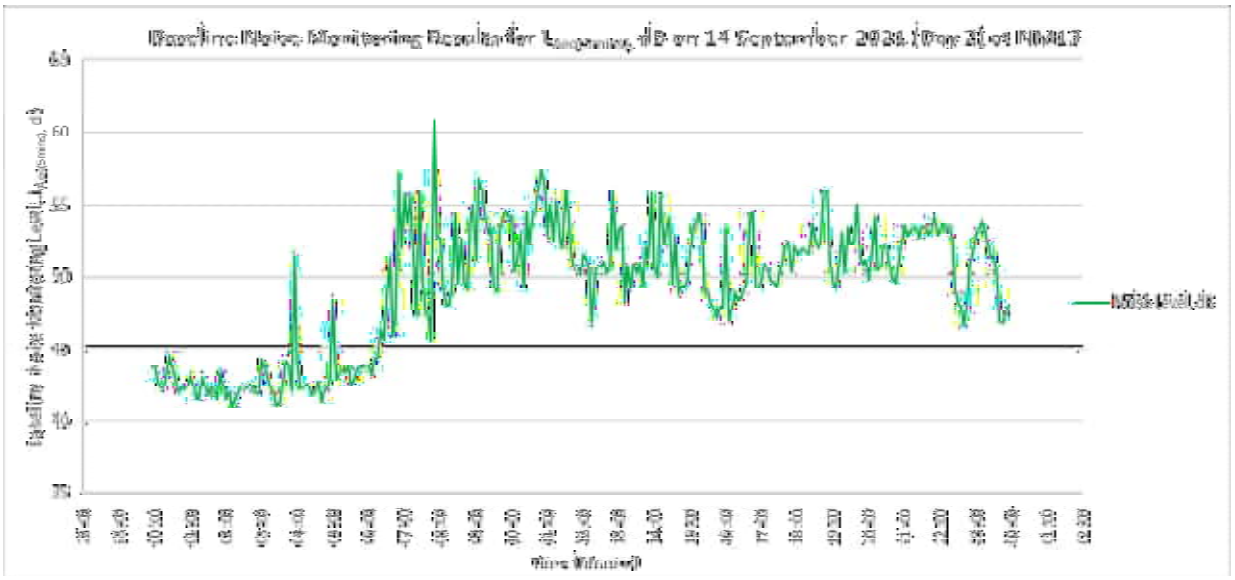

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 16 September2021 (Day 4) at NM12
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
Time (hh:mm)
Noise Level, dB

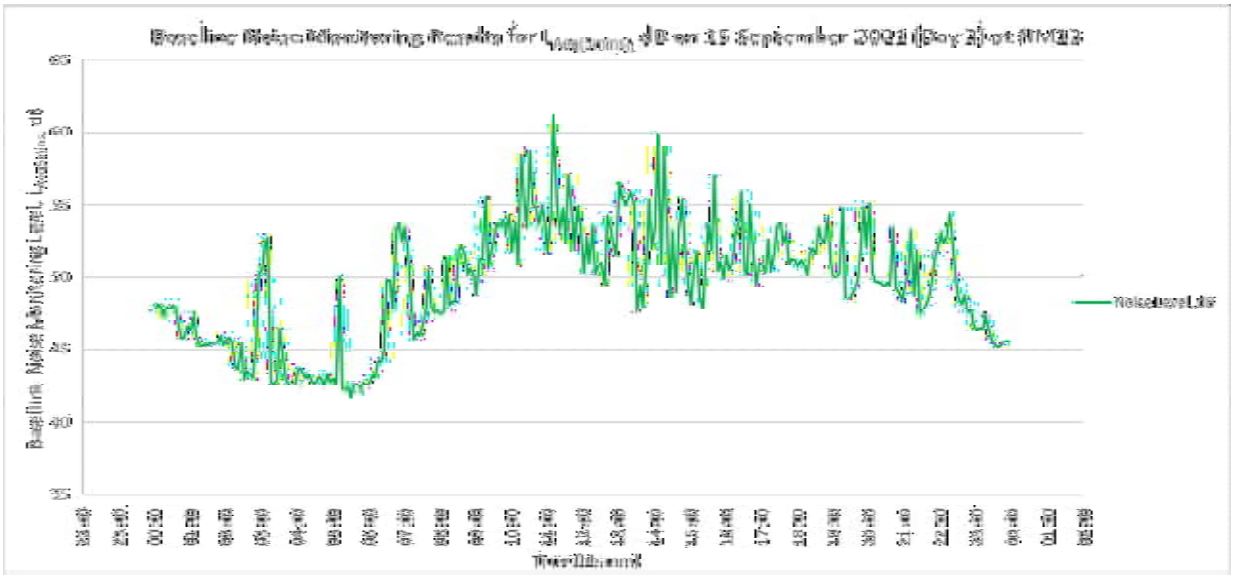


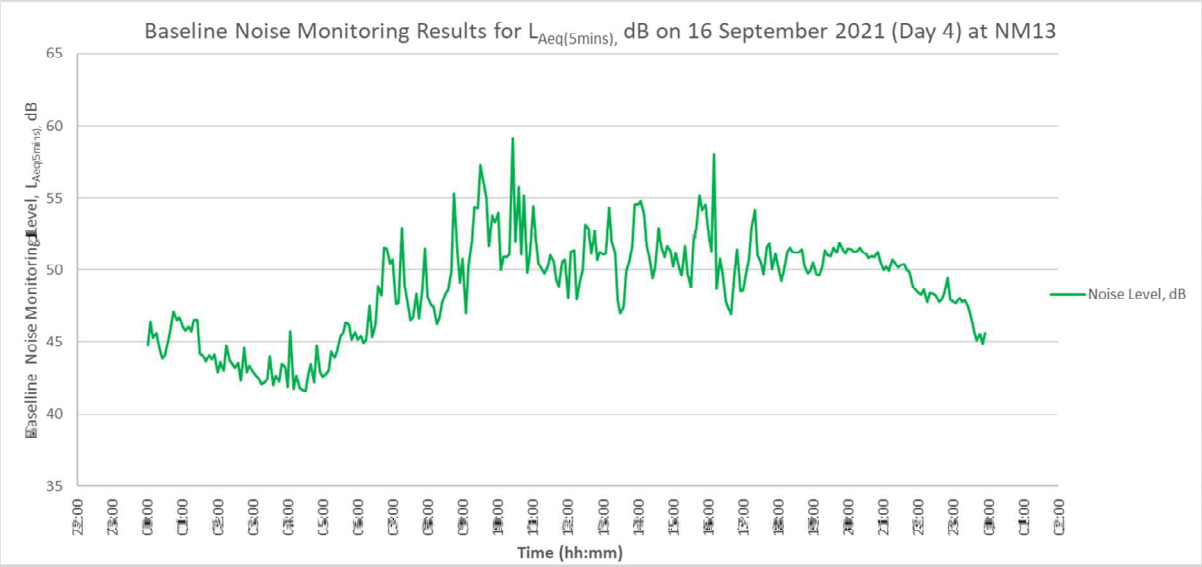


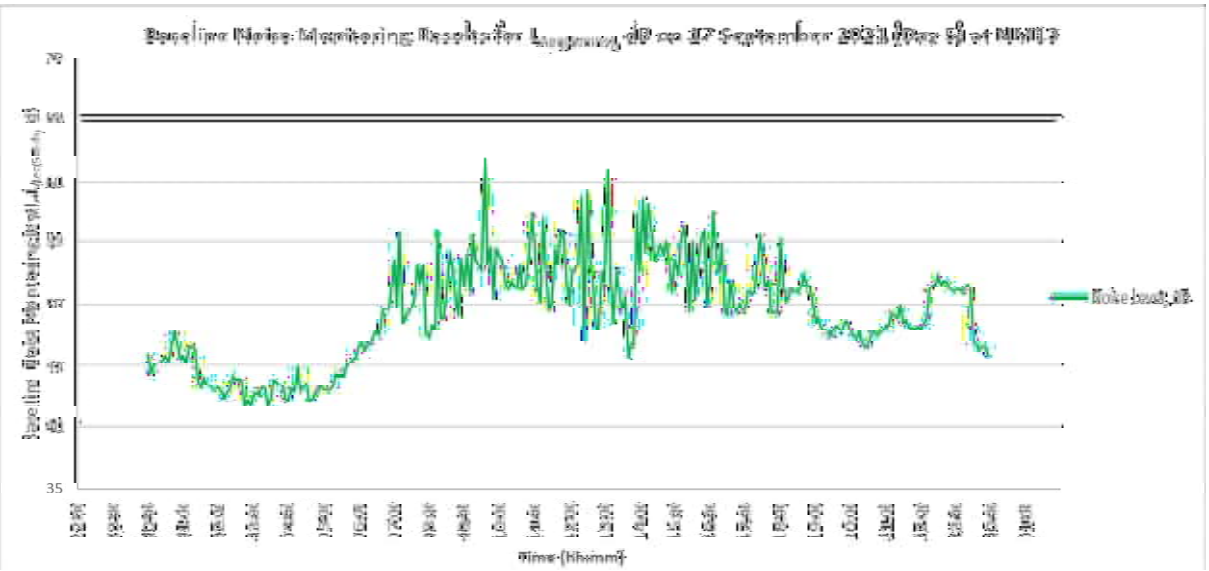

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 19 September2021 (Day 7) at NM12
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
80
75
70
65
60
55
50
45
40
35
Time (hh:mm)
Noise Level, dB

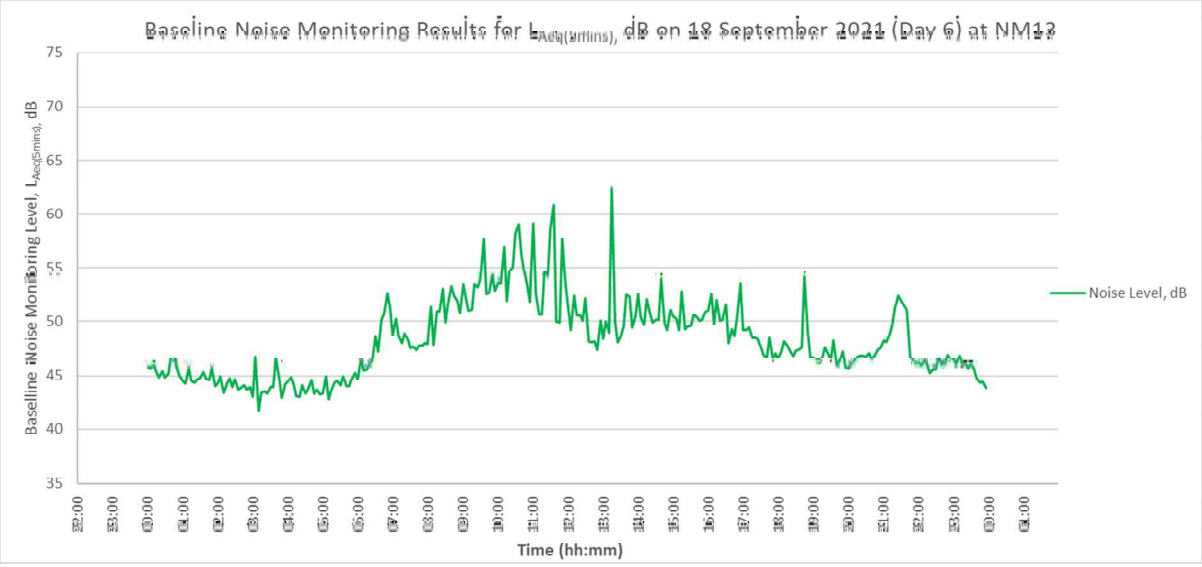

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 13 September 2021 (Day 1) at NM13
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
65
60
55
50
45
40
19:00
16:00
20:00
23:00
02:00
05:00
08:00
01:00
Time (hh:mm)
Noise Level, dB

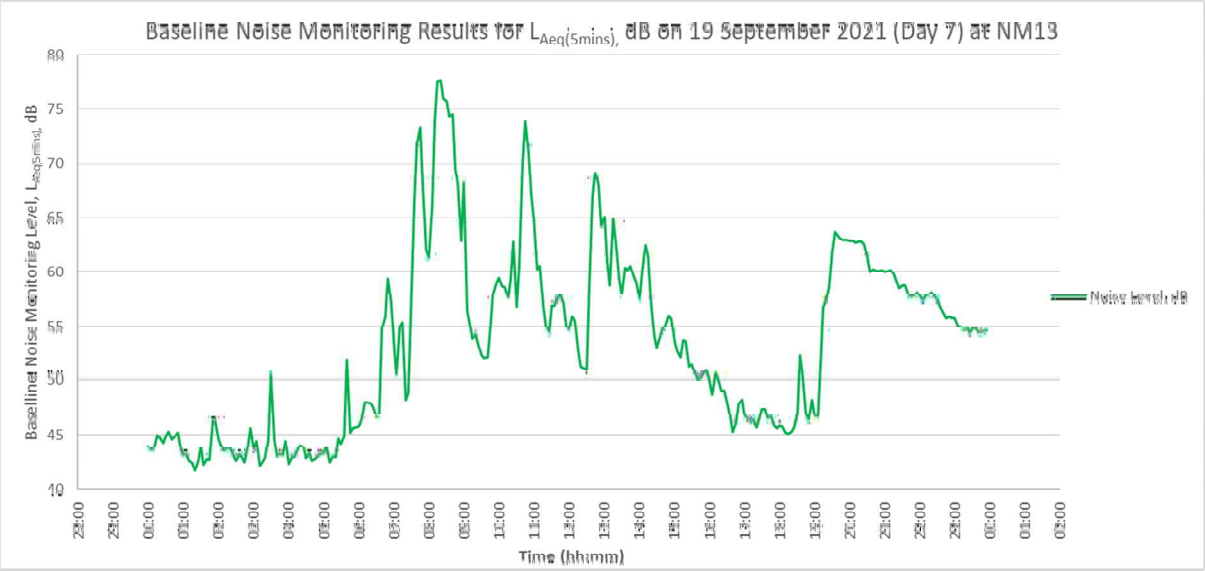


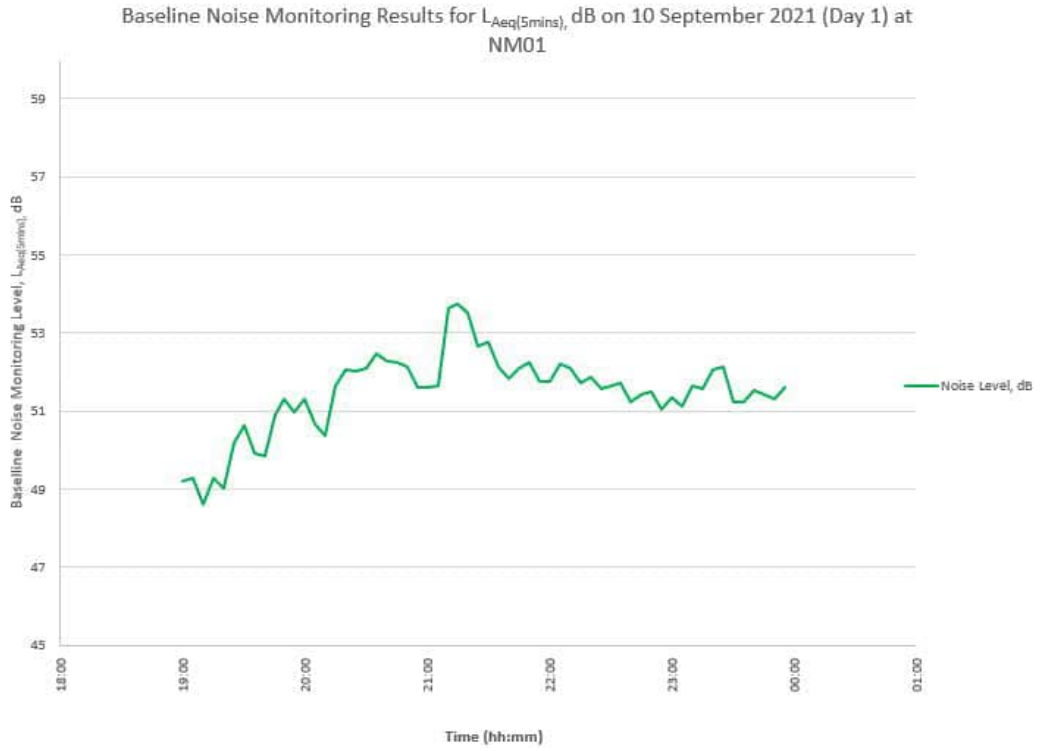


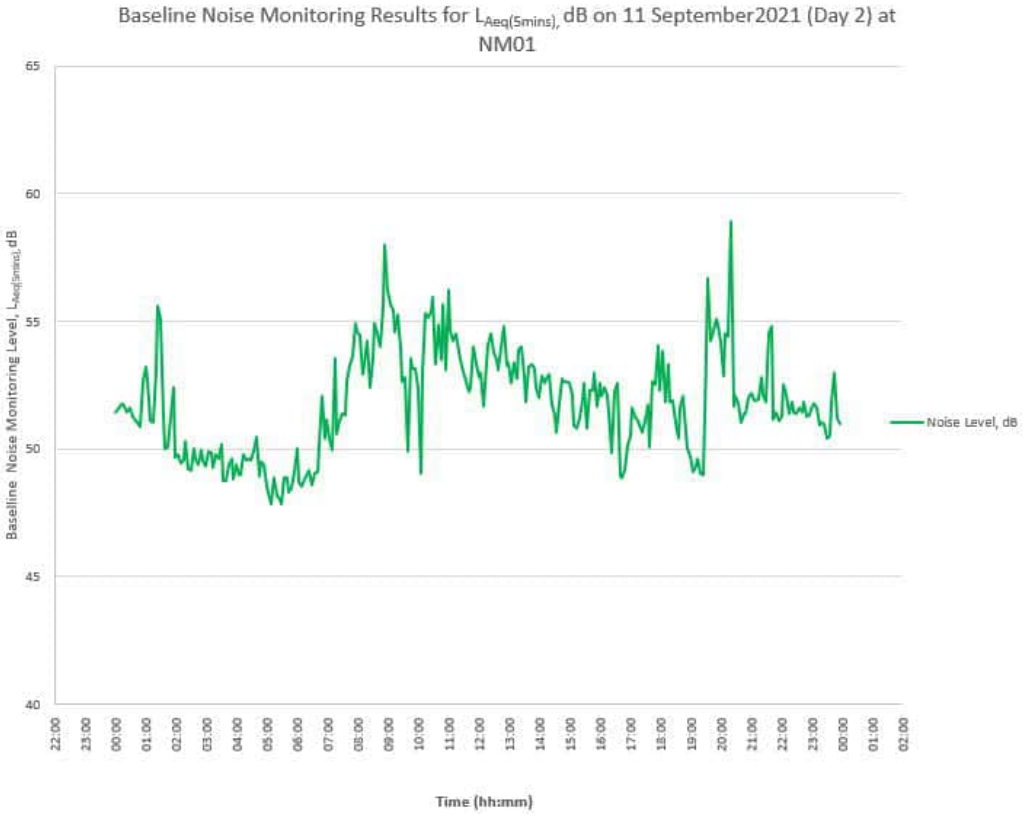

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 16 September 2021 (Day 4) at NM13
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
65
60
55
50
45
40
35
Noise Level, dB
Time (hh:mm)

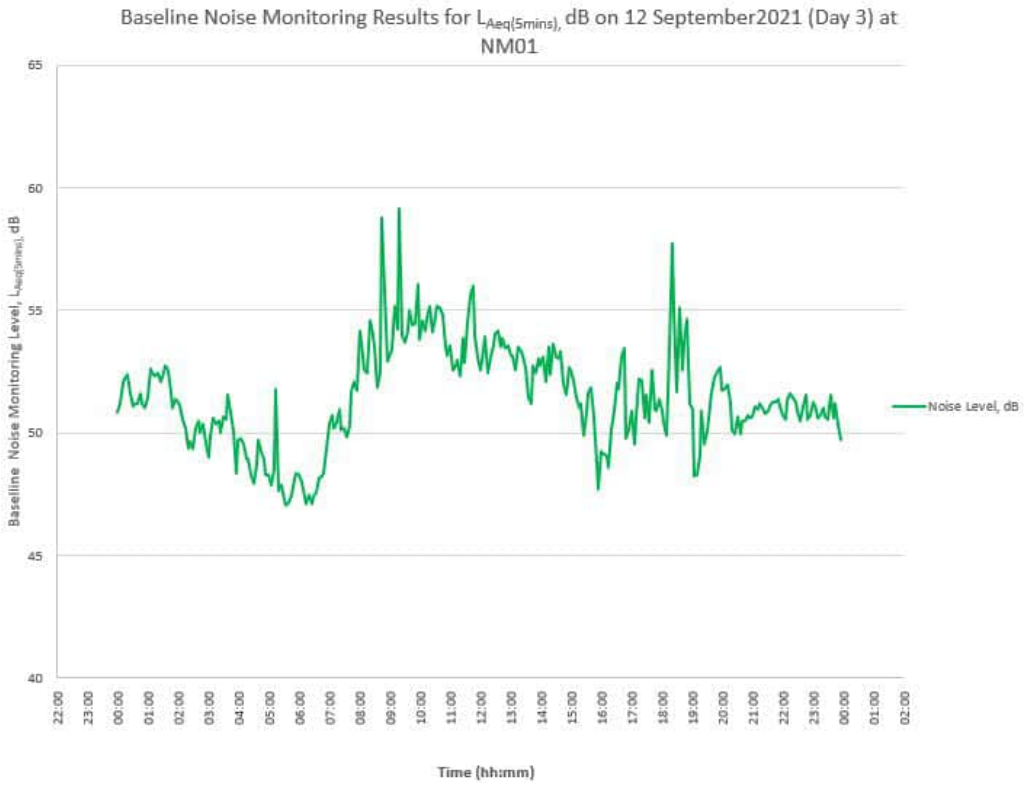



Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 18 September 2021 (Day 6) at NM13
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
75
70
65
60
55
50
45
40
35
Noise Level, dB
Time (hh:mm)

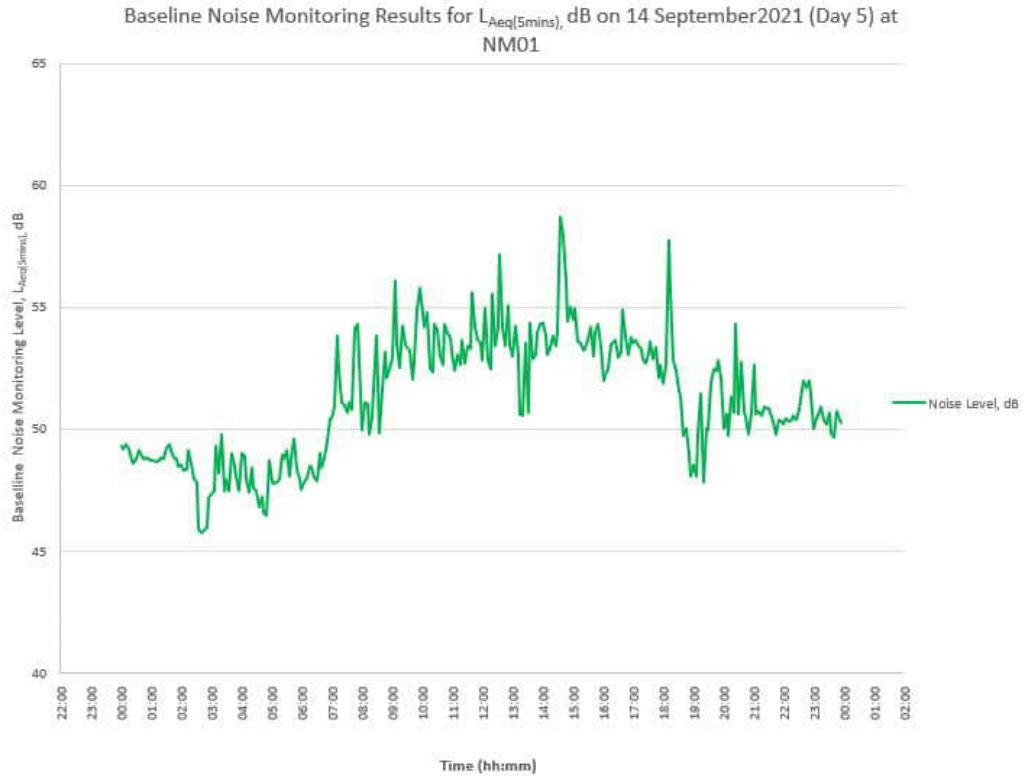

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 19 September 2021 (Day 7) at NM13
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
80
75
70
65
60
55
50
45
40
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
Time (hh:mm)
Noise level, dB

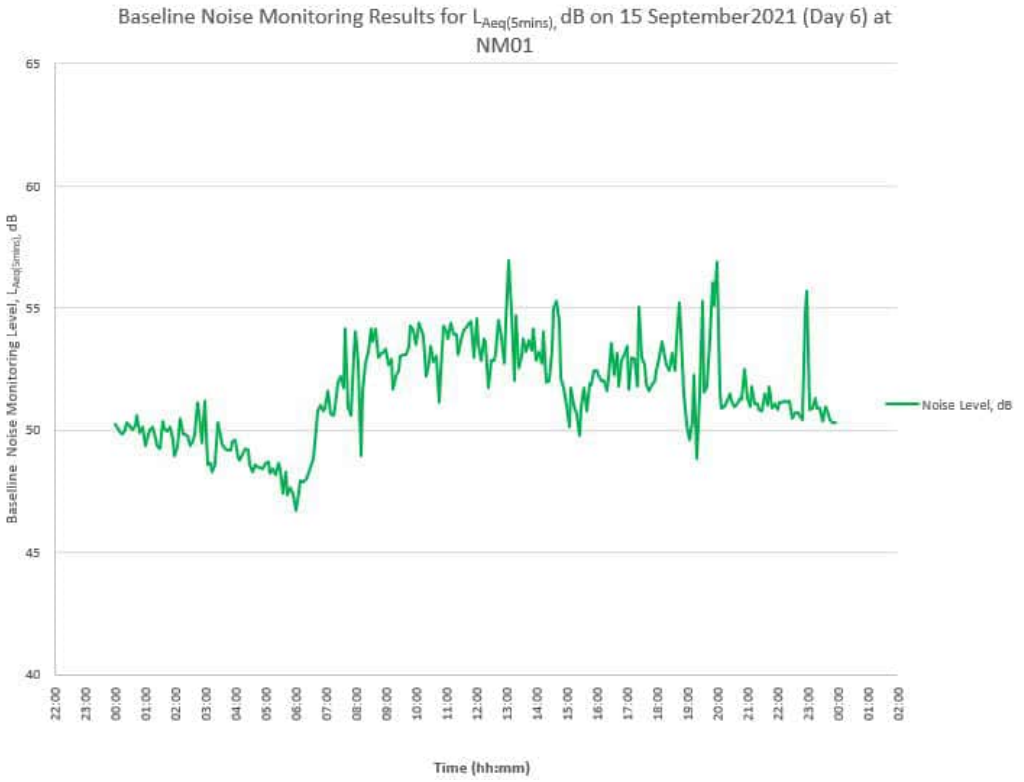

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 10 September 2021 (Day 1) at NM01
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
59
57
55
53
51
49
47
45
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
Time (hh:mm)
Noise Level, dB

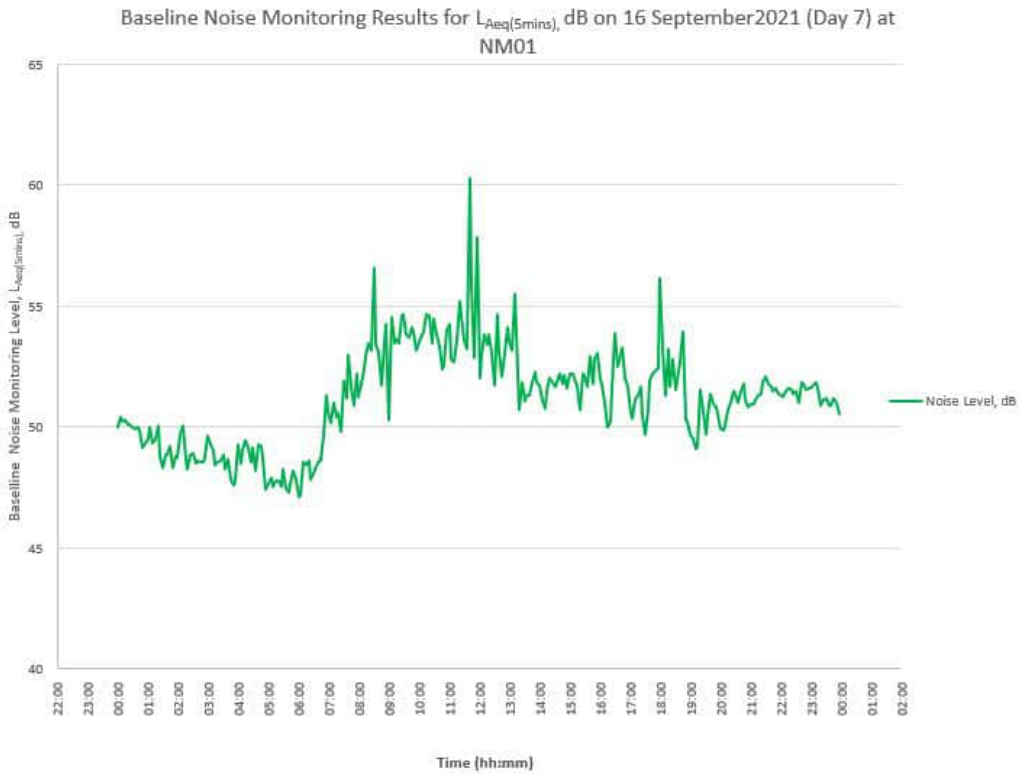

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 11 September2021 (Day 2) at NM01
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
65
60
55
50
45
40
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
Time (hh:mm)
Noise Level, dB


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 12 September2021 (Day 3) at NM01
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
65
60
55
50
45
40
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
Time (hh:mm)
Noise Level, dB

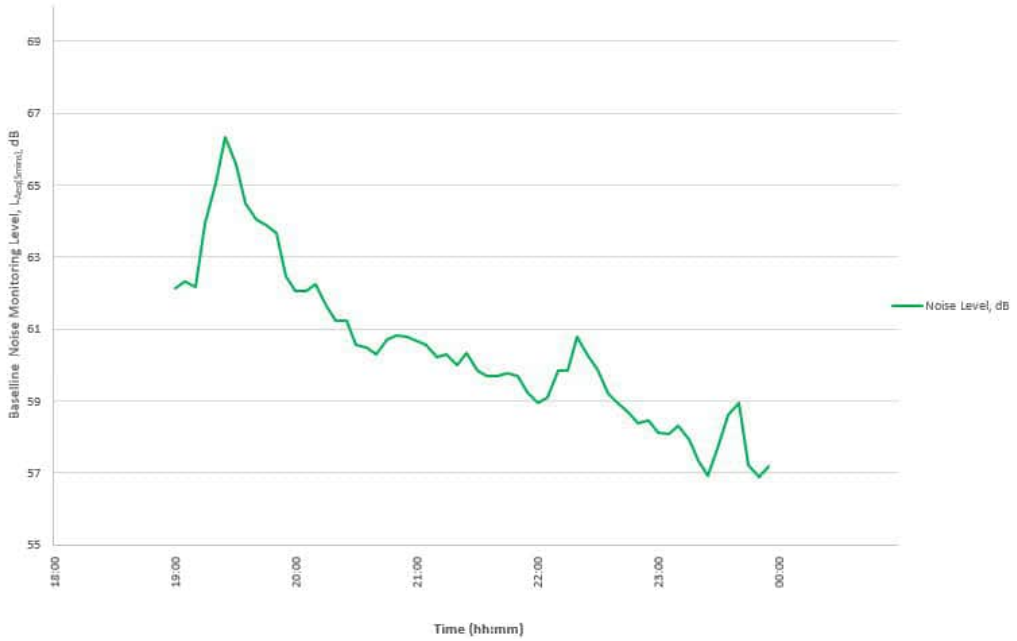
13.5


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 14 September2021 (Day 5) at NM01
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
65
60
55
50
45
40
22:00 23:00 00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 00:00 01:00 02:00
Time (hh:mm)
Noise Level, dB

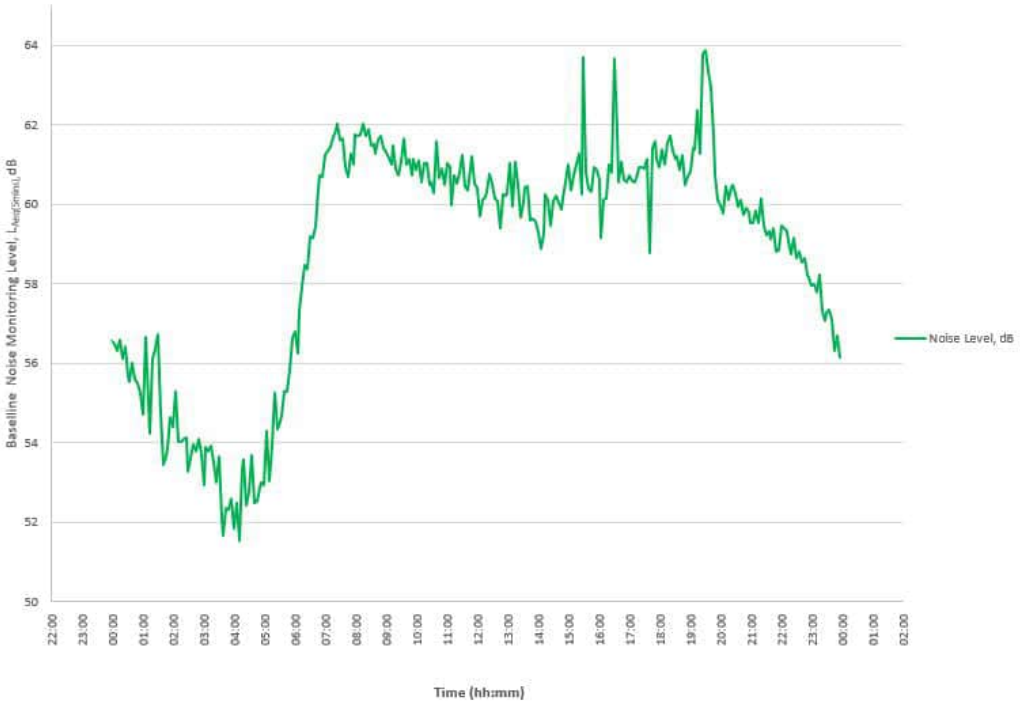

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 15 September2021 (Day 6) at NM01
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
65
60
55
50
45
40
22:00 23:00 00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 00:00 01:00 02:00
Time (hh:mm)
Noise Level, dB


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 16 September2021 (Day 7) at NM01
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
65
60
55
50
45
40
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
Time (hh:mm)
Noise Level, dB

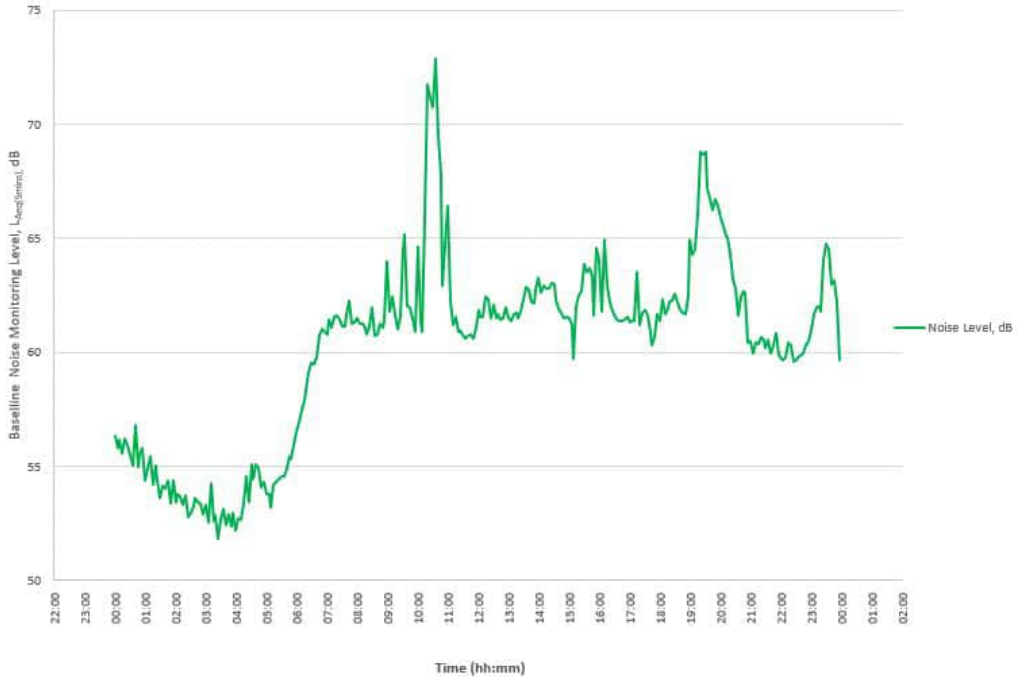
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 18 October 2021 (Day 1) at NM02



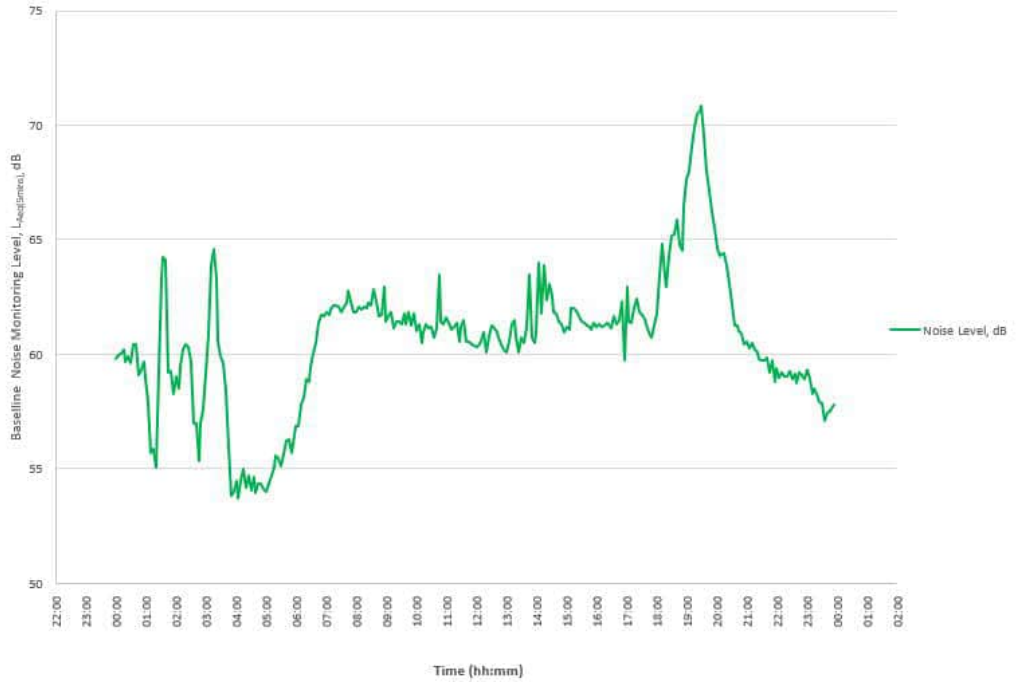
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 19 October 2021 (Day 2) at NM02



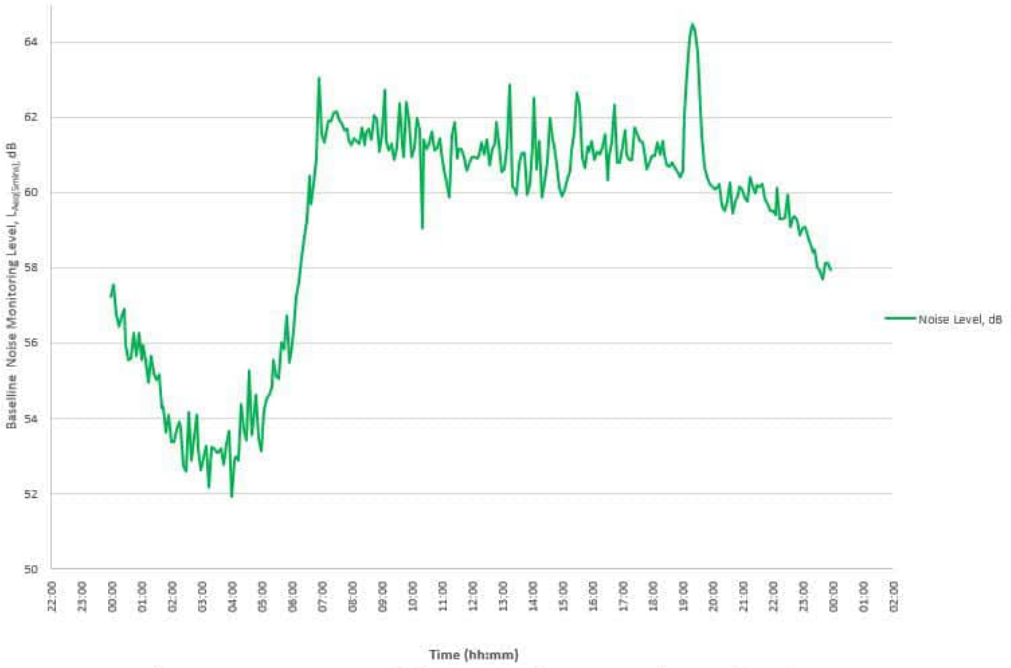
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 20 October 2021 (Day 3) at NM02



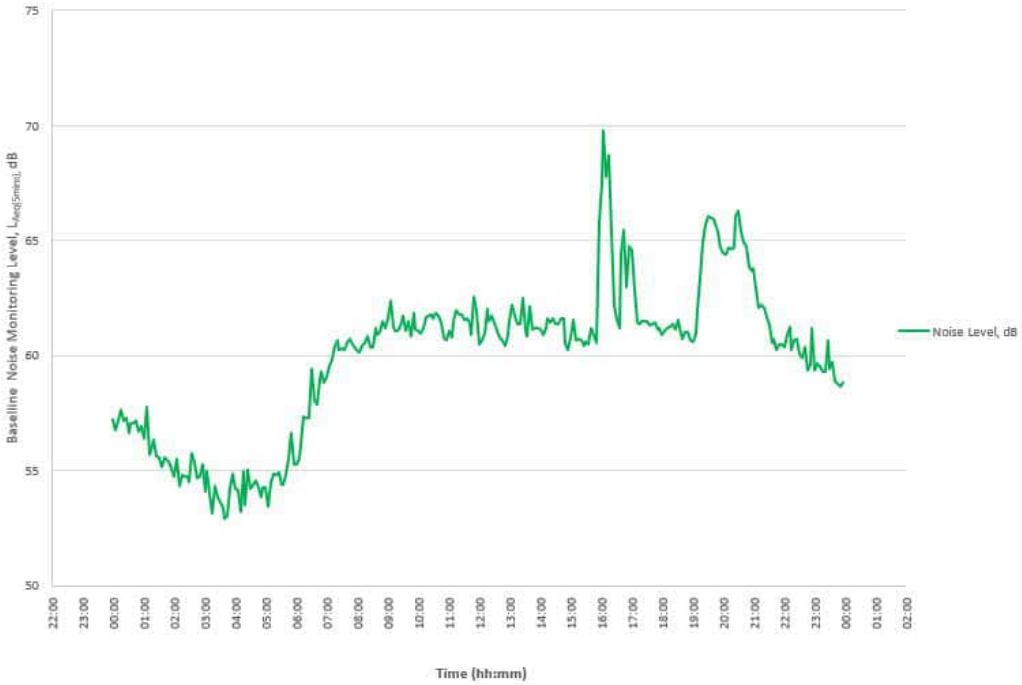
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 21 October 2021 (Day 4) at NM02

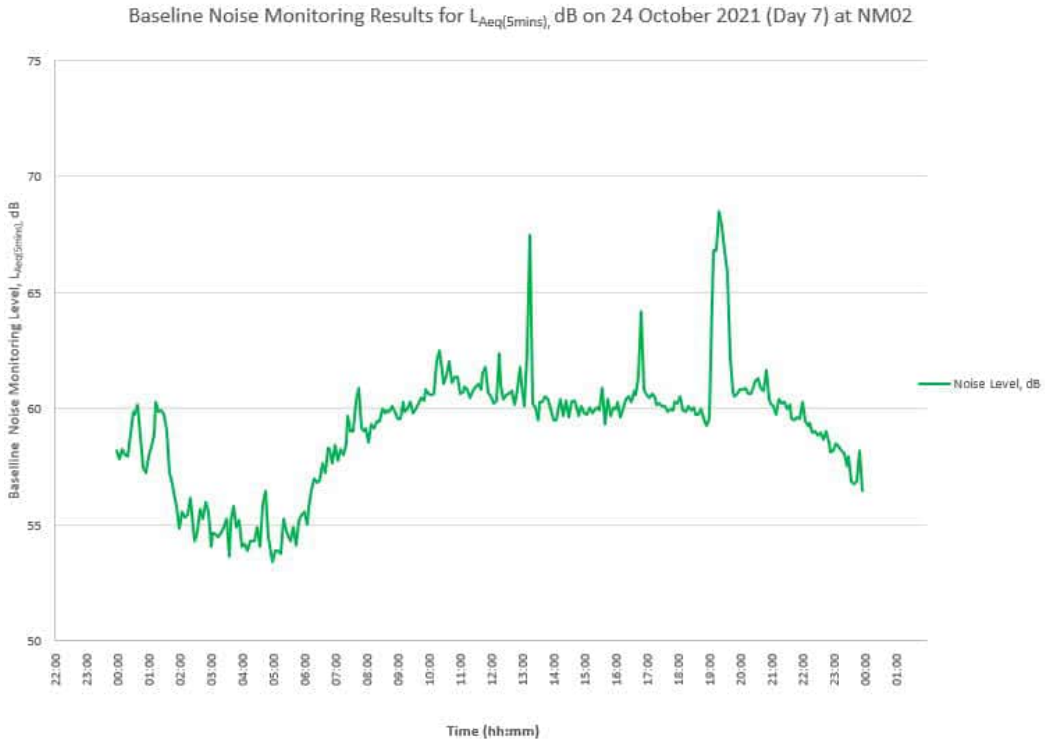


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 22 October 2021 (Day 5) at NM02

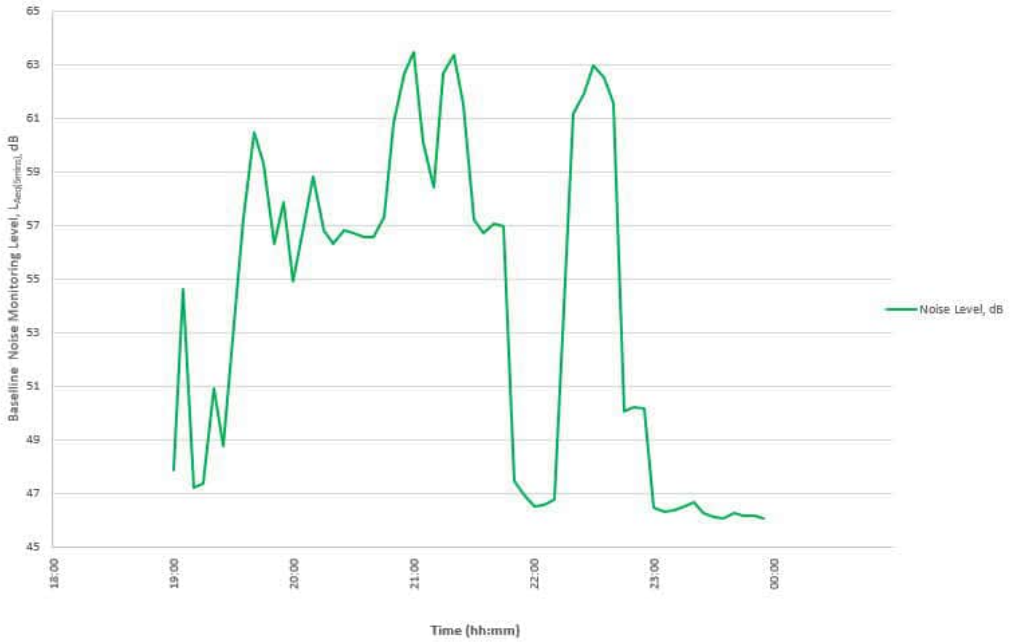


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 23 October 2021 (Day 6) at NM02

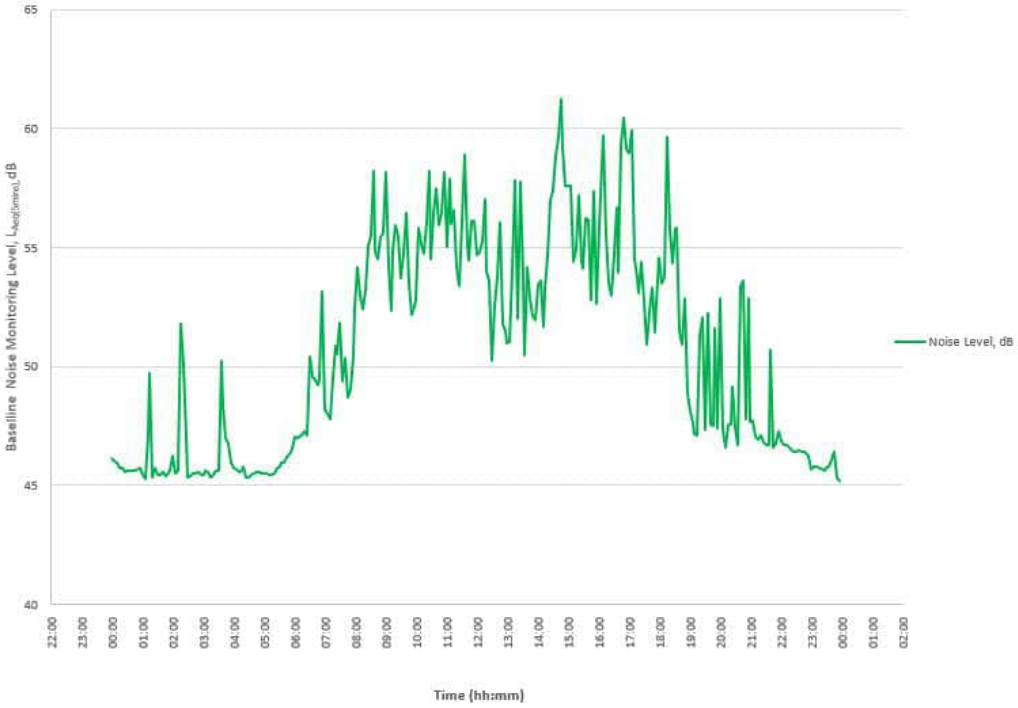



Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 24 October 2021 (Day 7) at NM02
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
75
70
65
60
55
50
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
Time (hh:mm)
Noise Level, dB

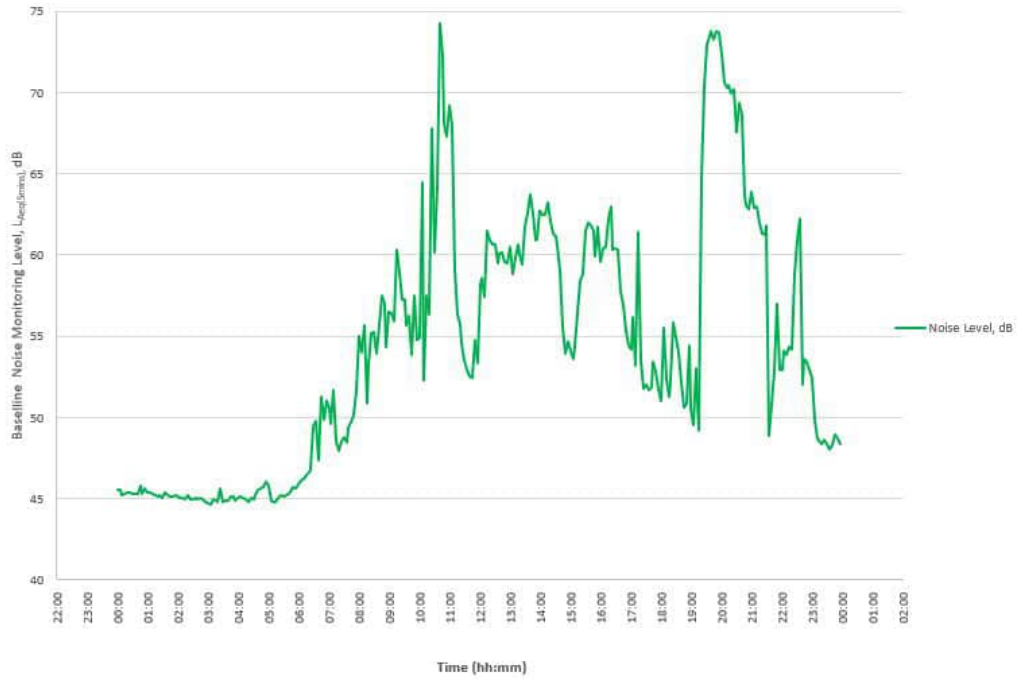
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 18 October 2021 (Day 1) at NM03



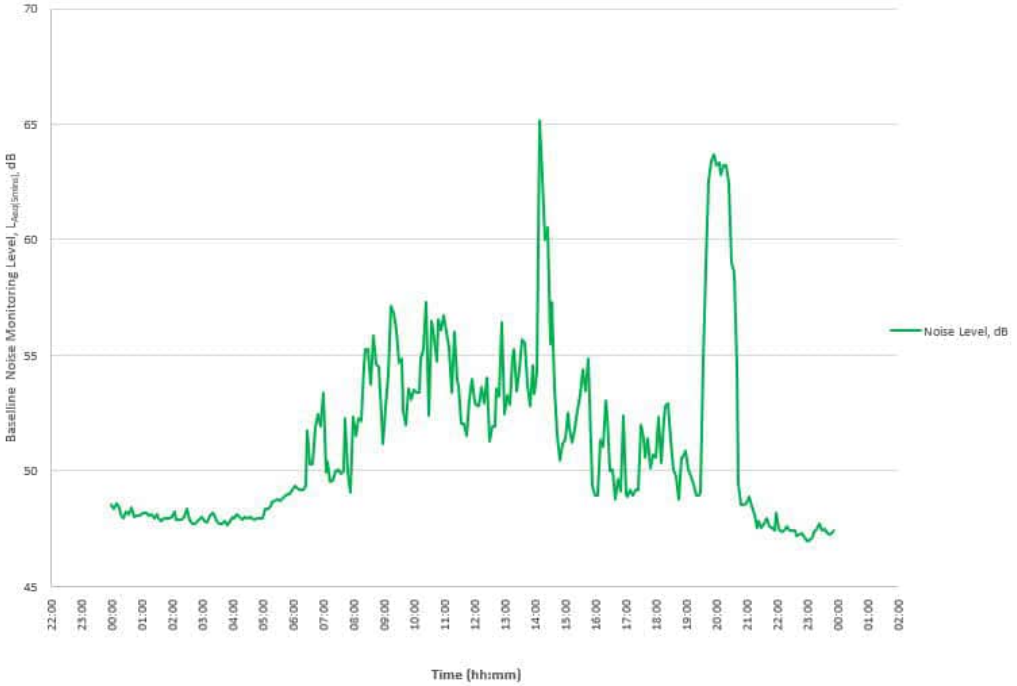
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 19 October 2021 (Day 2) at NM03



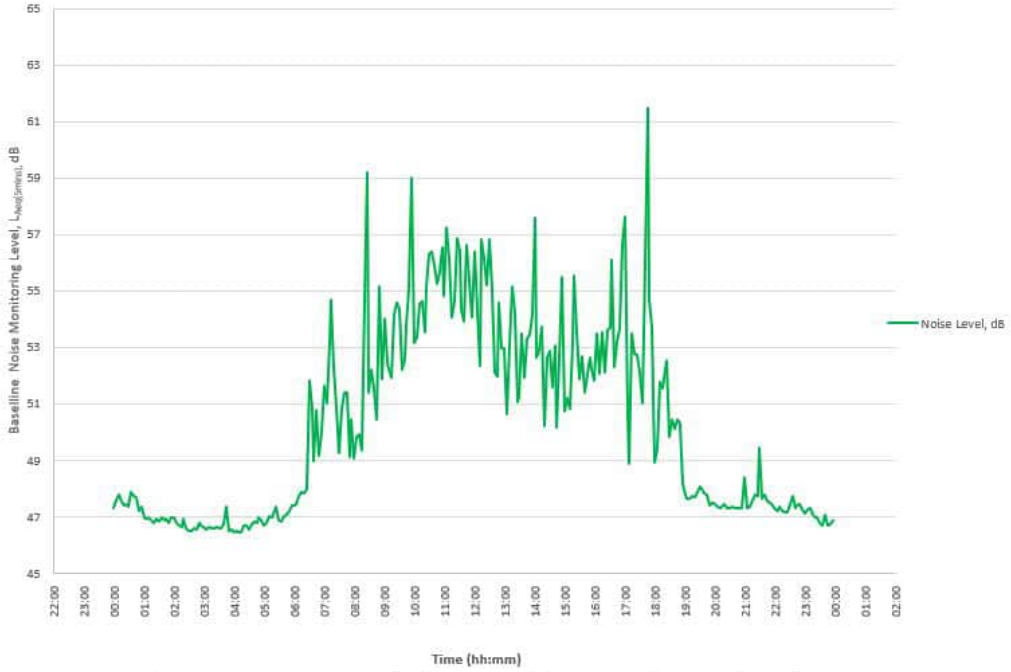
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 20 October 2021 (Day 3) at NM03



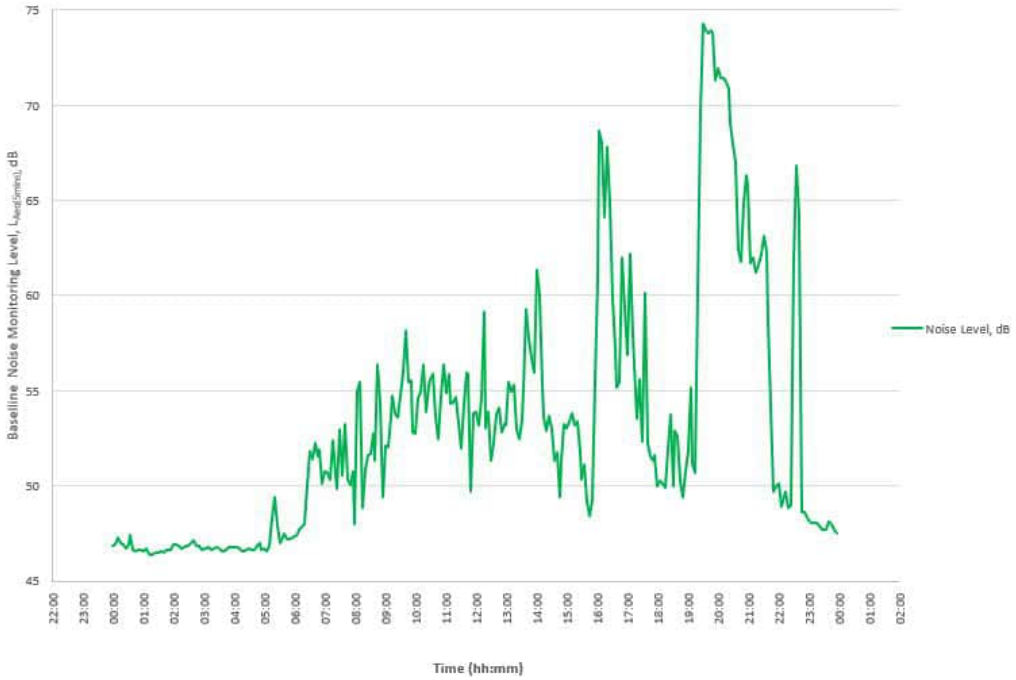
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 21 October 2021 (Day 4) at NM03

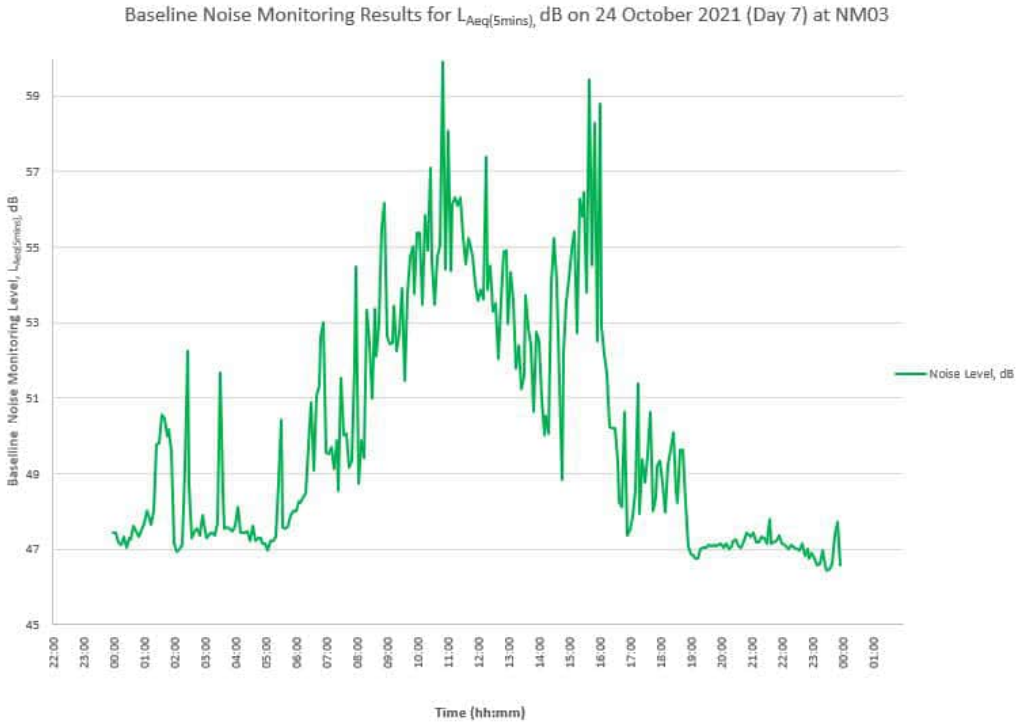


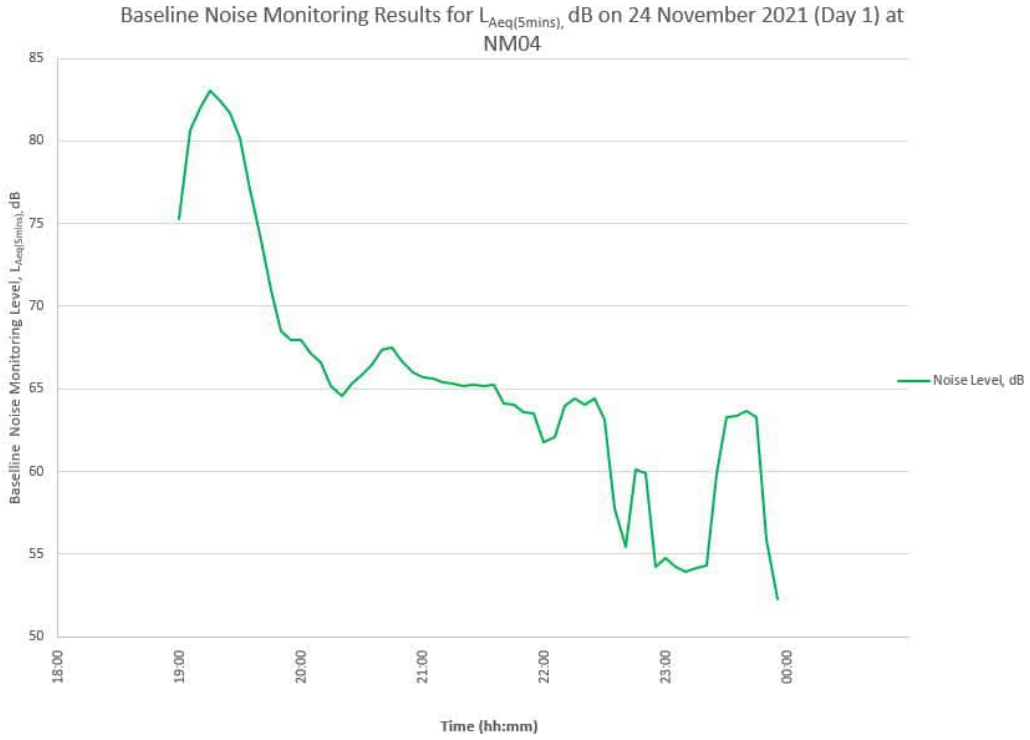
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 22 October 2021 (Day 5) at NM03

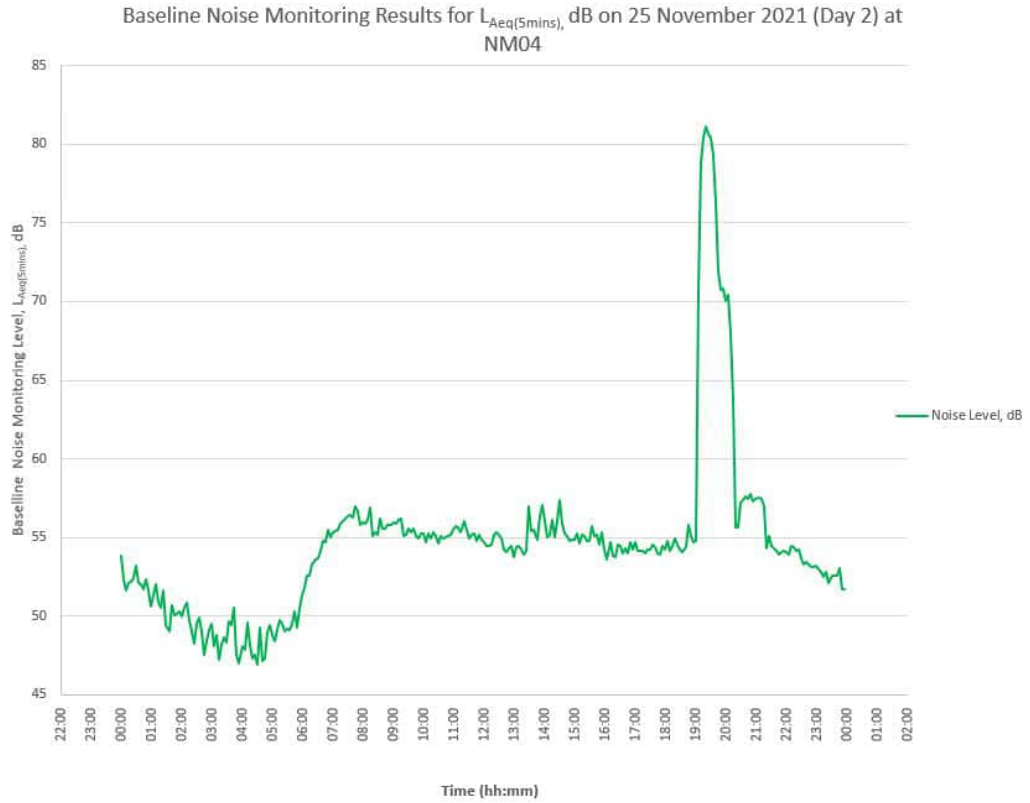


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 23 October 2021 (Day 6) at NM03

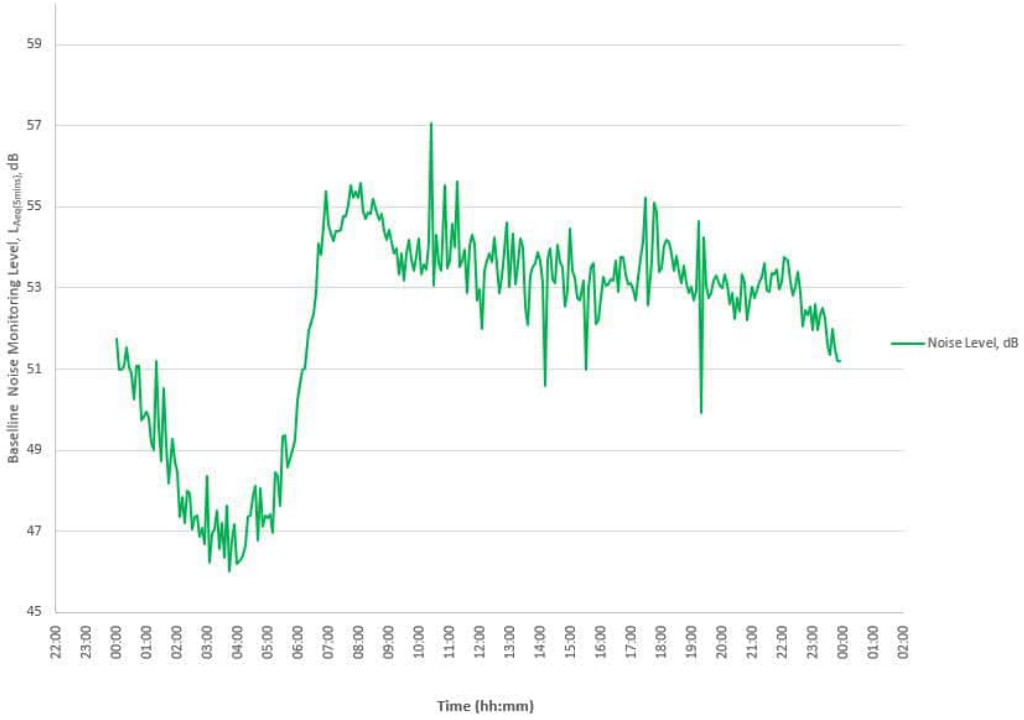



Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 24 October 2021 (Day 7) at NM03
Baseline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
59
57
55
53
51
49
47
45
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
Time (hh:mm)
Noise Level, dB

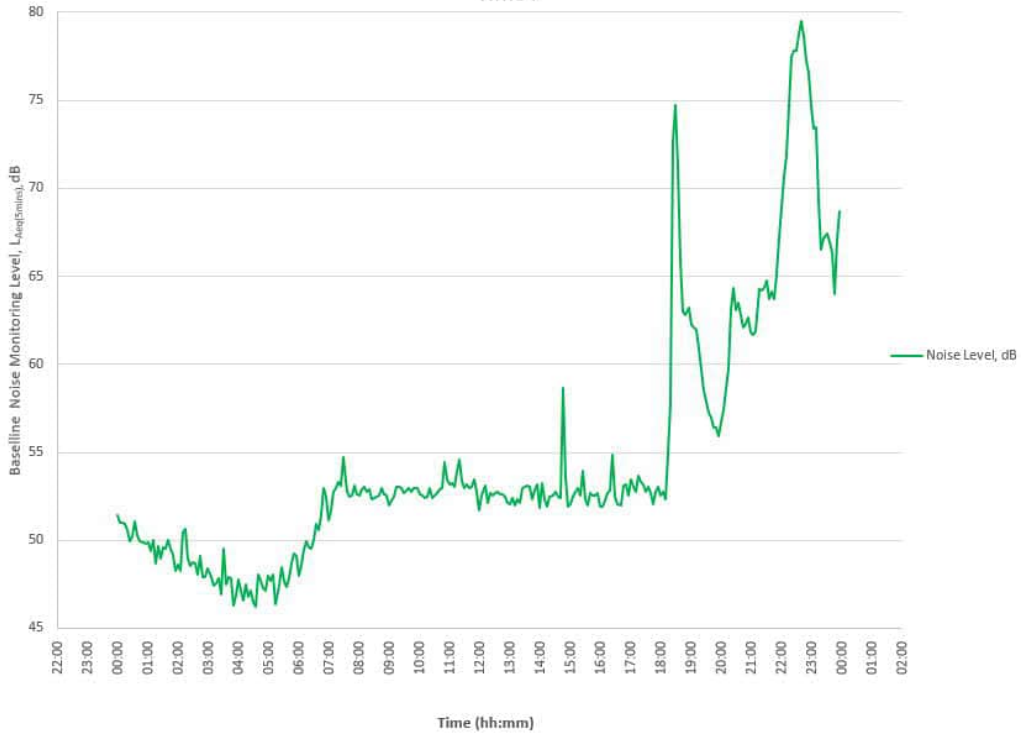

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 24 November 2021 (Day 1) at NM04
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
85
80
75
70
65
60
55
50
18:00
19:00
20:00
21:00
22:00
23:00
00:00
Time (hh:mm)
Noise Level, dB

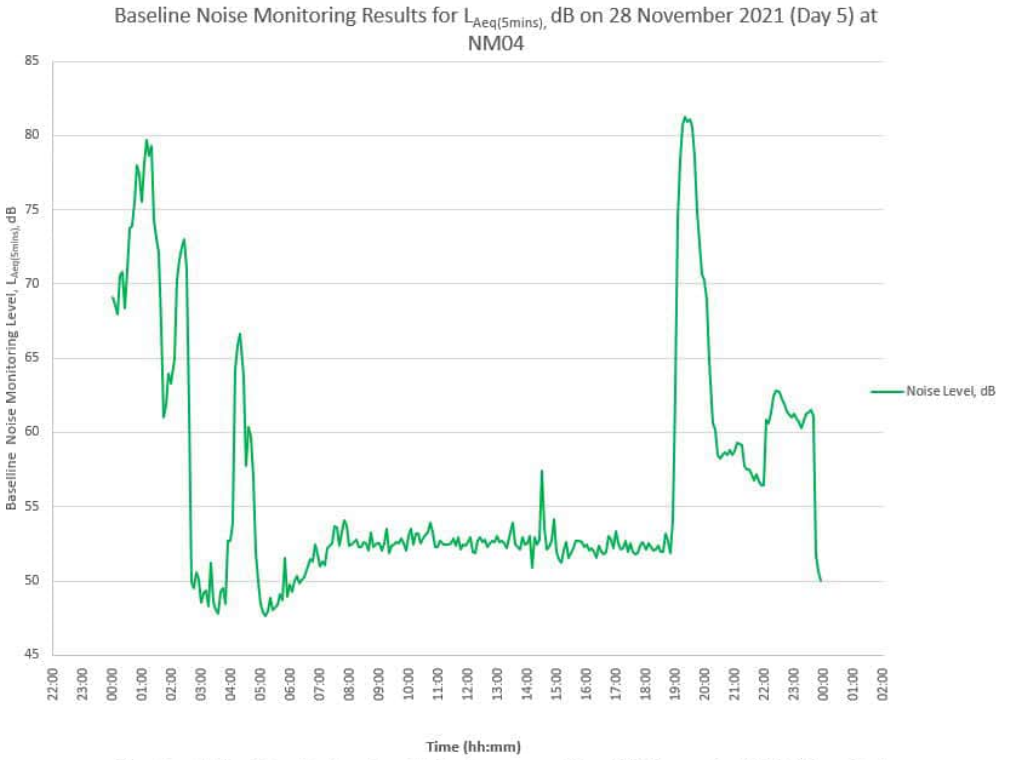

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 25 November 2021 (Day 2) at NM04
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
85
80
75
70
65
60
55
50
45
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
Time (hh:mm)
Noise Level, dB

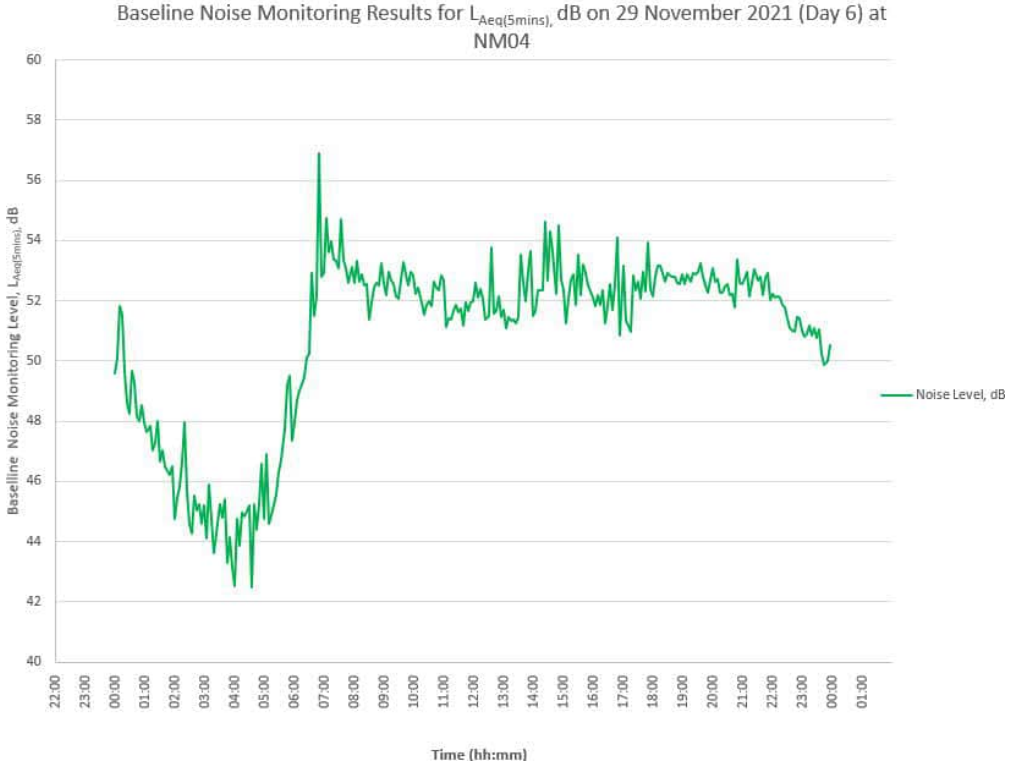
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 26 November 2021 (Day 3) at NM04

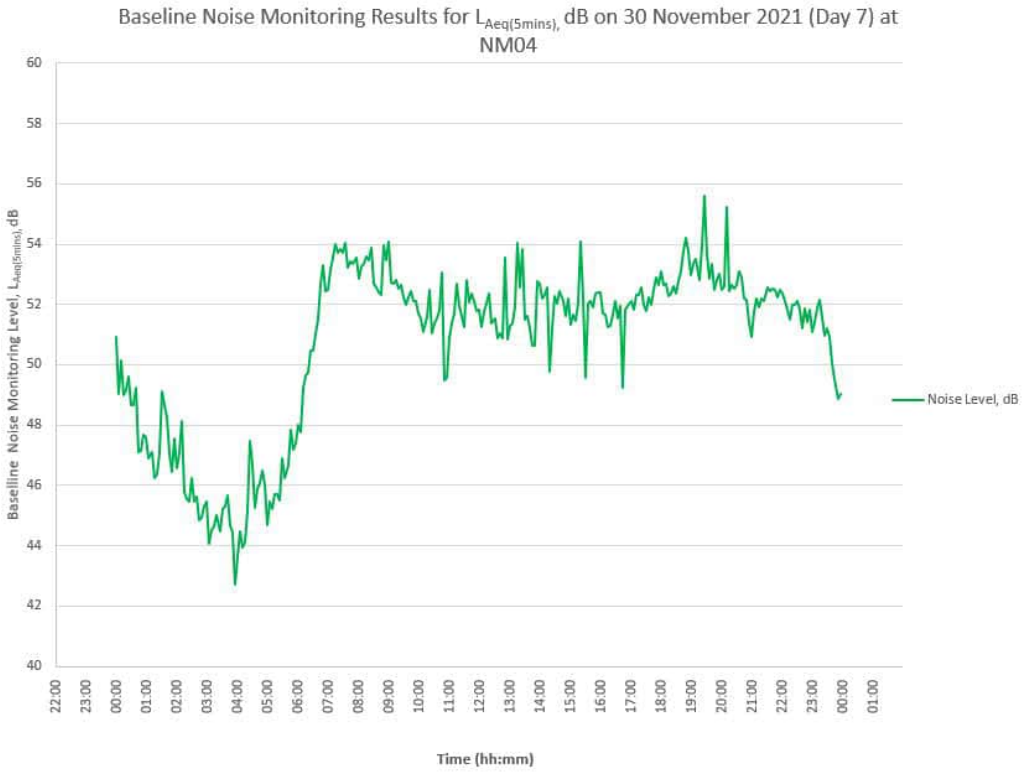


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 27 November 2021 (Day 4) at NM04

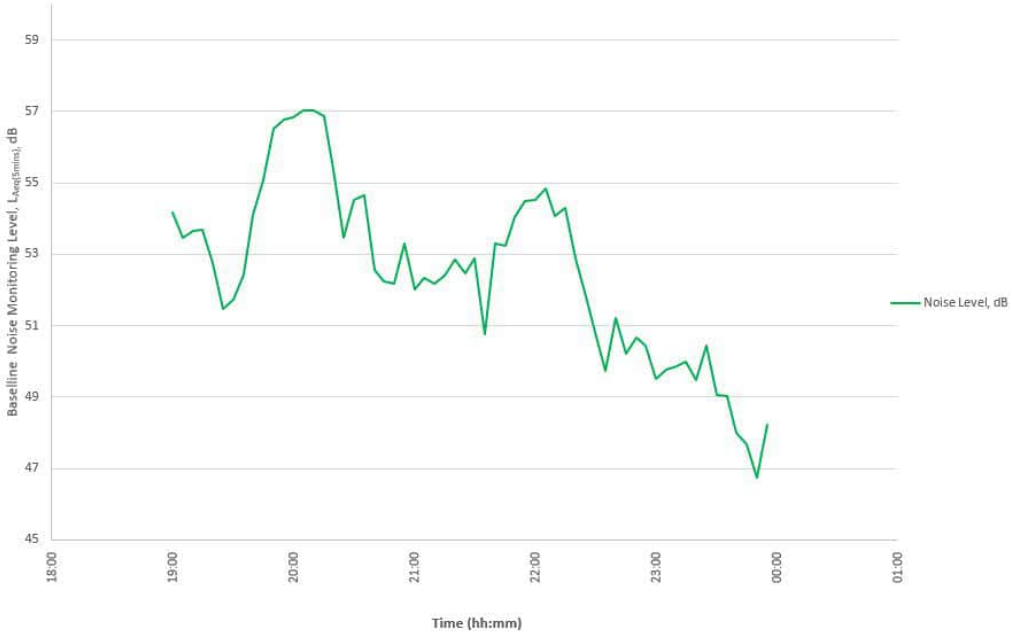



Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 28 November 2021 (Day 5) at NM04
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
85
80
75
70
65
60
55
50
45
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
Time (hh:mm)
Noise Level, dB

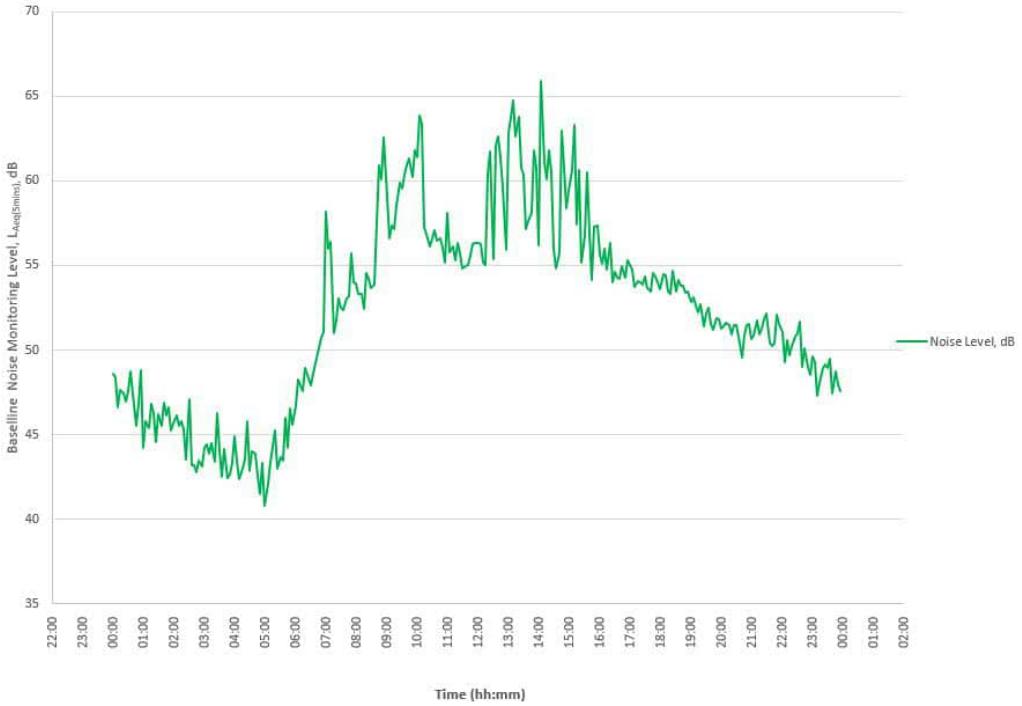

Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 29 November 2021 (Day 6) at NM04
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
60
58
56
54
52
50
48
46
44
42
40
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
Time (hh:mm)
Noise Level, dB


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 30 November 2021 (Day 7) at NM04
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
60
58
56
54
52
50
48
46
44
42
40
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
Time (hh:mm)
Noise Level, dB

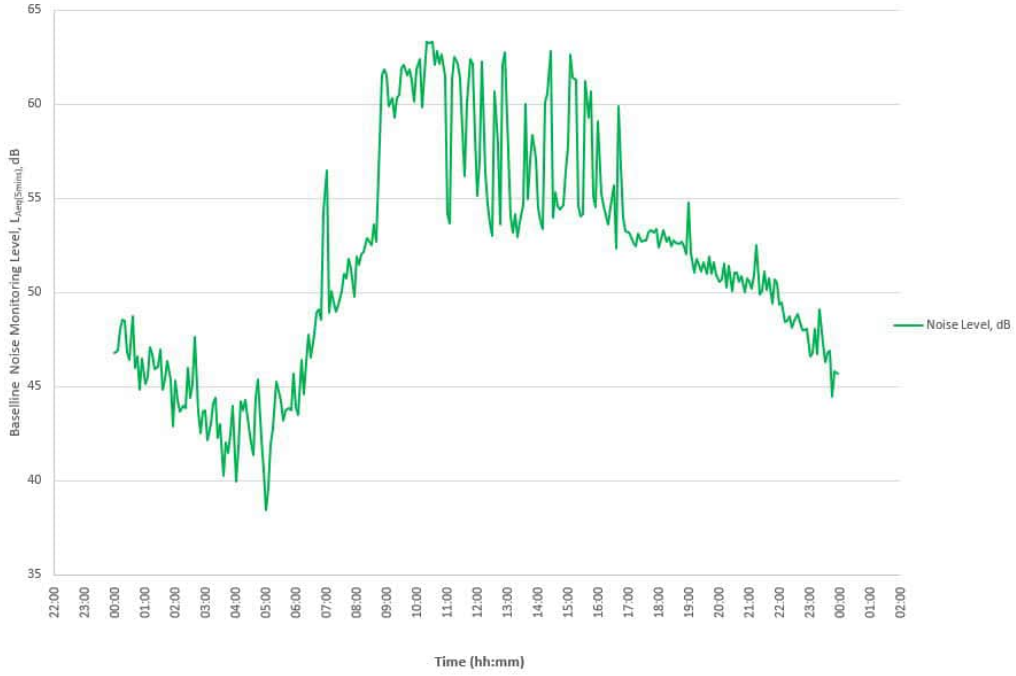
Baseline Noise Monitoring Results for $L_{Aeq(5mins),}$ dB on 10 September 2021 (Day 1) at NM05



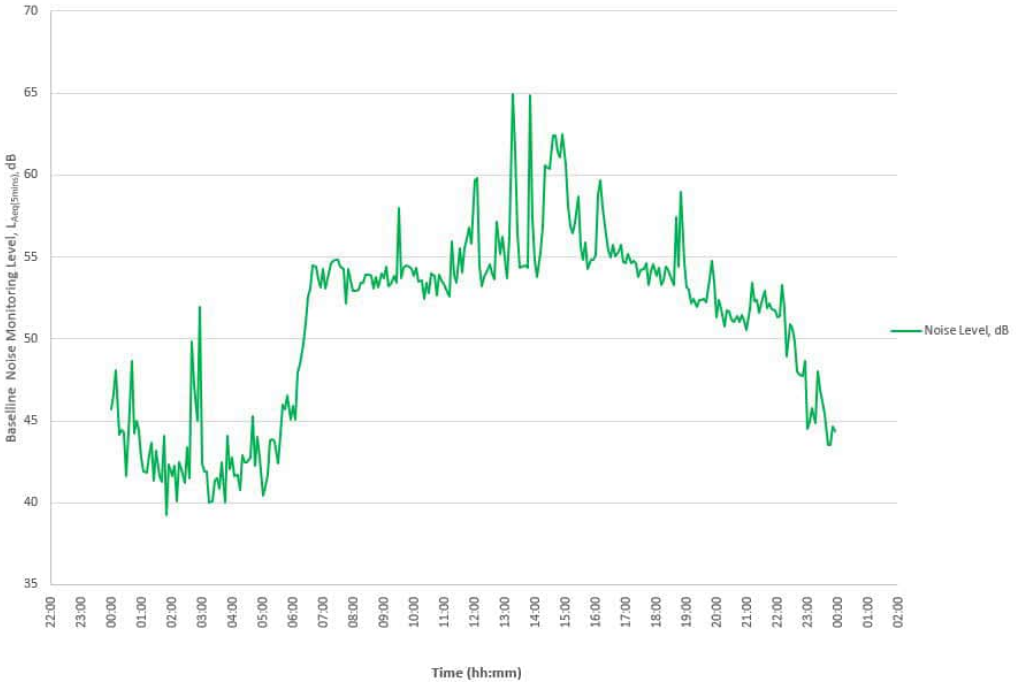
Baseline Noise Monitoring Results for $L_{Aeq(5mins),}$ dB on 11 September 2021 (Day 2) at NM05



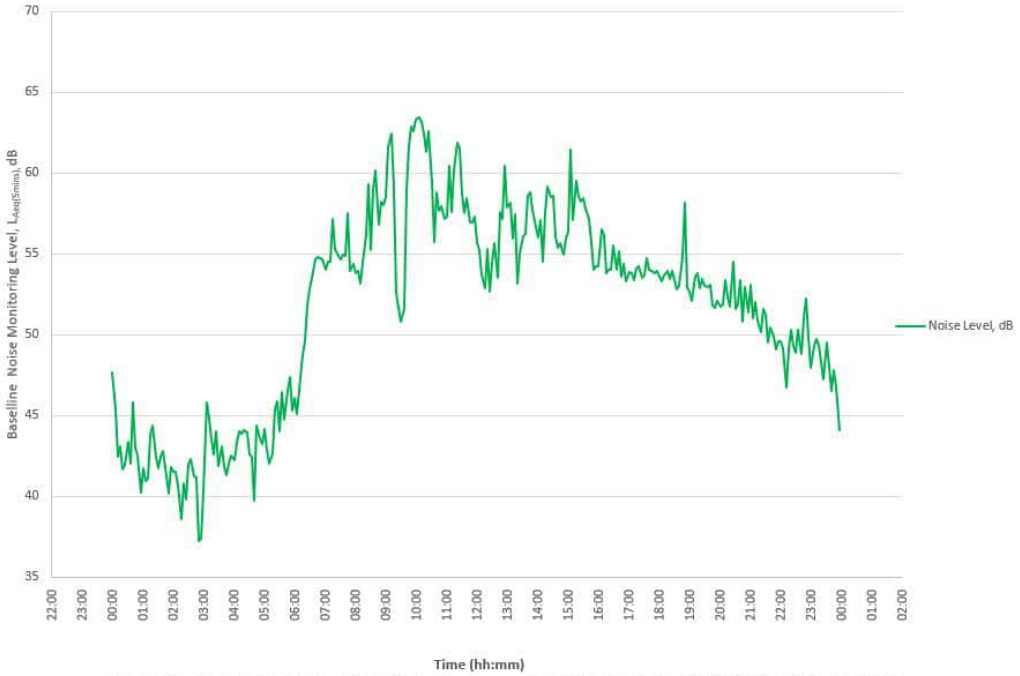
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 12 September 2021 (Day 3) at NM05



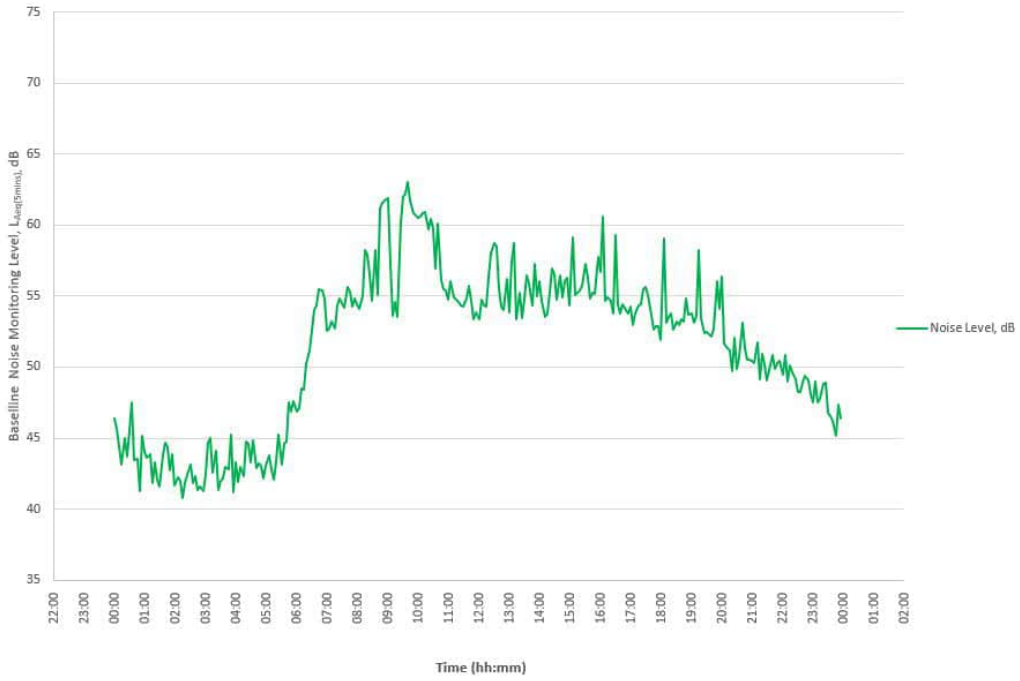
Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 13 September 2021 (Day 4) at NM05

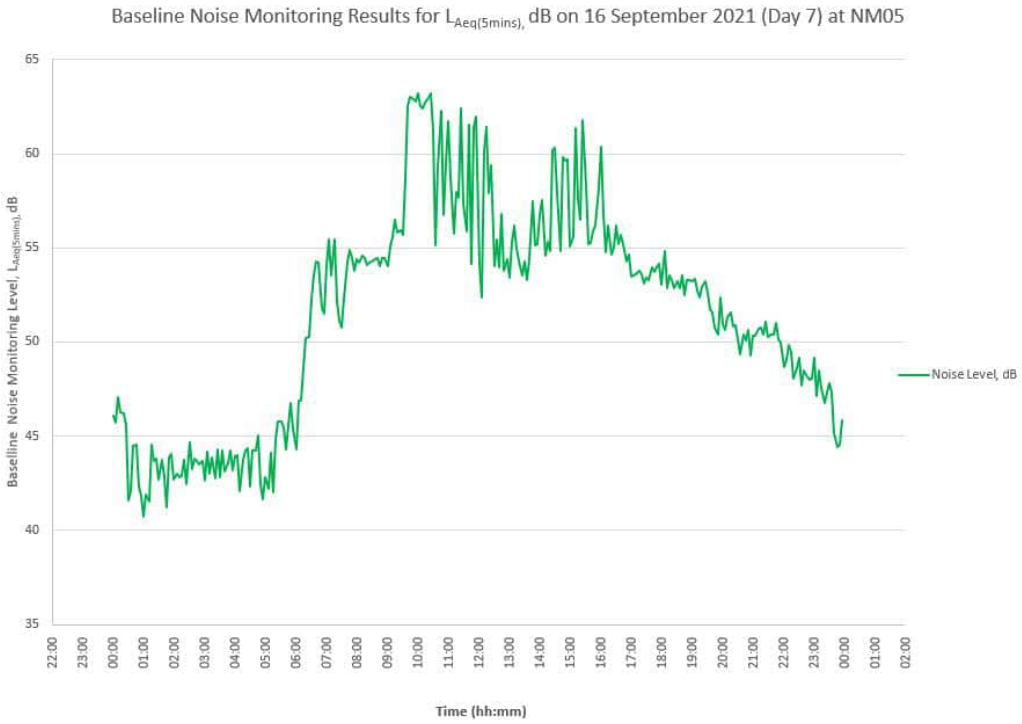


Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 14 September 2021 (Day 5) at NM05



Baseline Noise Monitoring Results for $L_{Aeq(5mins)}$, dB on 15 September 2021 (Day 6) at NM05




Baseline Noise Monitoring Results for $L_{Aeq(5mins),}$ dB on 16 September 2021 (Day 7) at NM05
Baselline Noise Monitoring Level, $L_{Aeq(5mins)}$, dB
65
60
55
50
45
40
35
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
Time (hh:mm)
Noise Level, dB

Appendix O

Airborne Noise and Ground-borne Vibration Sensitive Receptors

No.	Type	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status	Species of Conservation Significance	Distribution/Rarity (The Biodiversity of Singapore, 2020)	Native Status	Probable Species	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Bee	Apidae	*Amegilla andrewsi*	Andrew's Blue-banded Digger Bee	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
2	Bee	Apidae	*Apis cerana*	Eastern Honey Bee	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
3	Bee	Apidae	*Apis dorsata*	Giant Honey Bee	Not Assessed	Least Concern	No	N.A	Native		Yes	Nest observed	Priority 2	Priority 2	Eng Neo Avenue Forest
4	Bee	Apidae	*Thyreus ceylonicus*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
5	Bee	Apidae	*Xylocopa flavonigrescens*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
6	Bee	Apidae	*Xylocopa latipes*	Broad-handed Carpenter Bee	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
7	Wasp	Crabronidae	*Trypoxylon sp.*	N.A	N.A	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
8	Bee	Halictidae	*Nomia strigata*	Pearly-banded Bee	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
9	Bee	Megachilidae	*Megachile disjuncta*	N.A	Not Assessed	N.A	No	N.A	Non-native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
10	Wasp	Pompilidae	*Pompilidae*	N.A	N.A	N.A	No	N.A	N.A		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
11	Wasp	Sphecidae	*Chalybion bengalense*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
12	Wasp	Sphecidae	*Isodontia diodon*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
13	Wasp	Sphecidae	*Sceliphron sp.*	N.A	N.A	Least Concern	No	N.A	Native		Yes	Nest observed	Priority 2	Priority 2	Eng Neo Avenue Forest
14	Wasp	Sphecidae	*Sphex diabolicus*	N.A	N.A	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
15	Wasp	Sphecidae	*Sphex subtruncatus*	N.A	N.A	Near-Threatened	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
16	Wasp	Vespidae	*Allorhynchium argentatum*	N.A	N.A	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
17	Wasp	Vespidae	*Antepipona sp. nr. bipustulata*	N.A	N.A	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
18	Wasp	Vespidae	*Delta pyriforme*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes	Nest observed	Priority 2	Priority 2	Eng Neo Avenue Forest
19	Wasp	Vespidae	*Eumenes sp.*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes	Nest observed	Priority 2	Priority 2	Eng Neo Avenue Forest
20	Wasp	Vespidae	*Liostenogaster varipicta*	N.A	Not Assessed	Near-Threatened	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
21	Wasp	Vespidae	*Parischnogaster mellyi*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
22	Wasp	Vespidae	*Polistes stigma*	N.A	N.A	Near-Threatened	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
23	Wasp	Vespidae	*Ropalidia stigma*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes	Nest observed	Priority 2	Priority 2	Eng Neo Avenue Forest
24	Wasp	Vespidae	*Ropalidia sumatrae*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
25	Wasp	Vespidae	*Stenodyneriellus guttulatus*	N.A	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
26	Wasp	Vespidae	*Vespa tropica*	Greater Banded Hornet	Not Assessed	Least Concern	No	N.A	Native		Yes		Priority 2	Priority 2	Eng Neo Avenue Forest
27	Bee	Apidae	*Amegilla (Zonamegilla) andrewsi*	Andrew's Blue-banded Digger Bee	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
28	Bee	Apidae	*Amegilla (Glossamegilla) insularis*	N.A	Not Assessed	Vulnerable	Yes		Native	Yes			Priority 1	Priority 1	Windsor
29	Bee	Apidae	*Apis andreniformis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
30	Bee	Apidae	*Apis cerana*	Eastern Honey Bee	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
31	Bee	Apidae	*Apis dorsata*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
32	Bee	Apidae	*Braunsapis clarihirta*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
33	Bee	Apidae	*Braunsapis cupulifera**	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
34	Bee	Apidae	*Braunsapis hewitti**	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
35	Bee	Apidae	*Braunsapis puangensis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
36	Bee	Apidae	*Ceratina (Ceratinidia) collusor*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
37	Bee	Apidae	*Ceratina (Ceratinidia) lieftincki*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
38	Bee	Apidae	*Ceratina (Ceratinidia) nigrolateralis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
39	Bee	Apidae	*Ceratina (Neoceratina) dentipes*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
40	Bee	Apidae	*Ceratina (Pithitis) smaragdula*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
41	Bee	Apidae	*Ceratina (Pithitis) unimaculata*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
42	Bee	Apidae	*Heterotrigona itama*	Malaysian Stingless Bee	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
43	Bee	Apidae	*Tetragonula valdezi*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
44	Bee	Apidae	*Thyreus ceylonicus*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
45	Bee	Apidae	*Thyreus himalayensis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
46	Bee	Apidae	*Xylocopa aestuans*	White-cheeked Carpenter Bee	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
47	Bee	Apidae	*Xylocopa caerulea*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
48	Bee	Apidae	*Xylocopa flavonigrescens*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
49	Bee	Apidae	*Xylocopa latipes*	Broad-handed Carpenter Bee	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
50	Bee	Apidae	*Xylocopa myops*	N.A	Not Assessed	Data Deficient	No		Native	Yes			Priority 1	Priority 1	Windsor
51	Bee	Colletidae	*Hylaeus penangensis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
52	Bee	Halictidae	*Lasioglossum (Ctenonomia) deliense*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
53	Bee	Halictidae	*Lasioglossum (Ctenonomia) vagans*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
54	Bee	Halictidae	*Lasioglossum (Homalictus) adonidiae*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
55	Bee	Halictidae	*Lipotriches (Rhopalomelissa) ceratina*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
56	Bee	Halictidae	*Nomia (Acunomia) iridiscens*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
57	Bee	Halictidae	*Nomia (Acunomia) strigata*	Pearly-banded Bee	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
58	Bee	Halictidae	*Nomia (Hoplonomia) incerta*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
59	Bee	Halictidae	*Patellapis murbanus*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
60	Bee	Halictidae	*Pseudapis siamensis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
61	Bee	Megachilidae	*Coelioxys confusus*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
62	Bee	Megachilidae	*Euaspis polynesia*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
63	Bee	Megachilidae	*Megachile (Aethomegachile) conjuncta*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
64	Bee	Megachilidae	*Megachile (Aethomegachile) laticeps*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
65	Bee	Megachilidae	*Megachile (Callomegachile) disjuncta*	N.A	Not Assessed	Non-native	No		Non-native	Yes			Priority 1	Priority 1	Windsor
66	Bee	Megachilidae	*Megachile (Callomegachile) fulvipennis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
67	Bee	Megachilidae	*Megachile (Callomegachile) umbripennis*	N.A	Not Assessed	Non-native	No		Non-native	Yes			Priority 1	Priority 1	Windsor
68	Bee	Megachilidae	*Megachile (Eutricharaea) subrixator*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
69	Stinging Wasp	Crabronidae	*Liris subtessellatus*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
70	Stinging Wasp	Crabronidae	*Tachytes sp.*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
71	Stinging Wasp	Crabronidae	*Trypoxylon sp.*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
72	Stinging Wasp	Pompilidae	*Auplopus sp.*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
73	Stinging Wasp	Pompilidae	*Paragenia argentifrons*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
74	Stinging Wasp	Pompilidae	*Tachypompilus analis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
75	Stinging Wasp	Scoliidae	*Campsomeriella collaris*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
76	Stinging Wasp	Scoliidae	*Phalerimeris phalerata*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
77	Stinging Wasp	Sphecidae	*Chalybion bengalense*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
78	Stinging Wasp	Sphecidae	*Isodontia diodon*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
79	Stinging Wasp	Sphecidae	*Sceliphron javanum*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
80	Stinging Wasp	Sphecidae	*Sceliphron madraspatanum*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
81	Stinging Wasp	Sphecidae	*Sphex diabolicus*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
82	Stinging Wasp	Sphecidae	*Sphex sericeus*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
83	Stinging Wasp	Sphecidae	*Sphex subtruncatus*	N.A	Not Assessed	Near-threatened	No		Native	Yes			Priority 1	Priority 1	Windsor
84	Stinging Wasp	Vespidae	*Antepipona sp. nr. bipustulata*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
85	Stinging Wasp	Vespidae	*Allorhynchium argentatum*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
86	Stinging Wasp	Vespidae	*Delta campaniforme*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
87	Stinging Wasp	Vespidae	*Delta esuriens*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
88	Stinging Wasp	Vespidae	*Delta pyriforme*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
89	Stinging Wasp	Vespidae	*Elimus sp.*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
90	Stinging Wasp	Vespidae	*Eumenes sp.*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
91	Stinging Wasp	Vespidae	*Eustenogaster hauxwelli*	N.A	Not Assessed	Near-threatened	No		Native	Yes			Priority 1	Priority 1	Windsor
92	Stinging Wasp	Vespidae	*Eustenogaster micans*	N.A	Not Assessed	Near-threatened	No		Native	Yes			Priority 1	Priority 1	Windsor
93	Stinging Wasp	Vespidae	*Liostenogaster nitidipennis*	N.A	Not Assessed	Near-threatened	No		Native	Yes			Priority 1	Priority 1	Windsor
94	Stinging Wasp	Vespidae	*Liostenogaster varipicta*	N.A	Not Assessed	Near-threatened	No		Native	Yes			Priority 1	Priority 1	Windsor
95	Stinging Wasp	Vespidae	*Parapolybia varia*	Lesser Paper Wasp	Not Assessed	Near-threatened	No		Native	Yes			Priority 1	Priority 1	Windsor
96	Stinging Wasp	Vespidae	*Parischnogaster mellyi*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor

No.	Type	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status	Species of Conservation Significance	Distribution/Rarity (The Biodiversity of Singapore, 2020)	Native Status	Probable Species	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
97	Stinging Wasp	Vespidae	*Parischnogaster nigricans*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
98	Stinging Wasp	Vespidae	*Phimenes flavopictus*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
99	Stinging Wasp	Vespidae	*Polistes meadeanus*	N.A	Not Assessed	Near-threatened	No		Native	Yes			Priority 1	Priority 1	Windsor
100	Stinging Wasp	Vespidae	*Polistes sagittarius*	Banded Paper Wasp	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
101	Stinging Wasp	Vespidae	*Polistes tenebris*	N.A	Not Assessed	Data Deficient	No		Native	Yes			Priority 1	Priority 1	Windsor
102	Stinging Wasp	Vespidae	*Provespa anomala*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
103	Stinging Wasp	Vespidae	*Rhynchium haemorrhoidale*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
104	Stinging Wasp	Vespidae	*Ropalidia erythrospila*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
105	Stinging Wasp	Vespidae	*Ropalidia stigma*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
106	Stinging Wasp	Vespidae	*Ropalidia sumatrae*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
107	Stinging Wasp	Vespidae	*Ropalidia timida*	N.A	Not Assessed	Near-threatened	No		Native	Yes			Priority 1	Priority 1	Windsor
108	Stinging Wasp	Vespidae	*Subancistrocerus sichelii*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
109	Stinging Wasp	Vespidae	*Vespa affinis*	Lesser Banded Hornet	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
110	Stinging Wasp	Vespidae	*Vespa analis*	N.A	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
111	Stinging Wasp	Vespidae	*Vespa tropica*	Greater Banded Hornet	Not Assessed	Least Concern	No		Native	Yes			Priority 1	Priority 1	Windsor
112	Bee	Apidae	*Amegilla andrewsi*	Andrew's blue-banded digger bee	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
113	Bee	Apidae	*Apis andreniformis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
114	Bee	Apidae	*Apis cerana*	Eastern honey bee	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
115	Bee	Apidae	*Apis dorsata*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
116	Bee	Apidae	*Braunsapis clarihirta*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
117	Bee	Apidae	*Braunsapis cupulifera**	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
118	Bee	Apidae	*Braunsapis hewitti**	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
119	Bee	Apidae	*Braunsapis puangensis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
120	Bee	Apidae	*Ceratina collusor*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
121	Bee	Apidae	*Ceratina dentipes*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
122	Bee	Apidae	*Ceratina lieftincki*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
123	Bee	Apidae	*Ceratina negrolateralis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
124	Bee	Apidae	*Ceratina perforatrix*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
125	Bee	Apidae	*Ceratina smaragdula*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
126	Bee	Apidae	*Ceratina unimaculata*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
127	Bee	Apidae	*Heterotrigona itama*	Malaysian stingless bee	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
128	Bee	Apidae	*Tetragonula valdezi*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes	Nest observed	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
129	Bee	Apidae	*Thyreus ceylonicus*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
130	Bee	Apidae	*Thyreus himalayensis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
131	Bee	Apidae	*Xylocopa aestuans*	White-cheeked carpenter bee	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
132	Bee	Apidae	Xylocopa caerulea	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
133	Bee	Apidae	*Xylocopa flavonigrescens*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
134	Bee	Apidae	*Xylocopa latipes*	Broad-handed carpenter bee	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
135	Bee	Apidae	*Xylocopa myops*	NA	Not Assessed	Data Deficient	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
136	Bee	Colletidae	*Hylaeus penangensis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
137	Bee	Halictidae	*Lasioglossum adonidiae*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
138	Bee	Halictidae	*Lasioglossum albescens*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
139	Bee	Halictidae	*Lasioglossum deliense*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
140	Bee	Halictidae	*Lasioglossum vagans*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
141	Bee	Halictidae	*Lipotriches ceratina*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
142	Bee	Halictidae	*Nomia fuscipennis*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
143	Bee	Halictidae	*Nomia incerta*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
144	Bee	Halictidae	*Nomia iridescens*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Type	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status	Species of Conservation Significance	Distribution/Rarity (The Biodiversity of Singapore, 2020)	Native Status	Probable Species	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
145	Bee	Halictidae	*Nomia sp. aff. apicalis*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
146	Bee	Halictidae	*Nomia strigata*	Pearly-banded bee	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
147	Bee	Halictidae	*Patellapis murbanus*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
148	Bee	Halictidae	*Pseudapis siamensis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
149	Bee	Megachilidae	*Coelioxys confusus*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
150	Bee	Megachilidae	*Euaspis polynesia*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
151	Bee	Megachilidae	*Megachile conjuncta*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
152	Bee	Megachilidae	*Megachile disjuncta*	NA	Not Assessed	Least Concern	No		Non-native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
153	Bee	Megachilidae	*Megachile fulvipennis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
154	Bee	Megachilidae	*Megachile laticeps*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
155	Bee	Megachilidae	*Megachile subrixator*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
156	Bee	Megachilidae	*Megachile umbripennis*	NA	Not Assessed	Least Concern	No		Non-native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
157	Stinging Wasp	Crabronidae	*Liris subtessellatus*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
158	Stinging Wasp	Crabronidae	*Tachytes cf. modestus*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
159	Stinging Wasp	Crabronidae	*Tachytes cf. trigonalis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
160	Stinging Wasp	Crabronidae	*Trypoxylon sp.*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
161	Stinging Wasp	Pompilidae	*Auplopus sp.*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
162	Stinging Wasp	Pompilidae	*Paragenia argentifrons*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
163	Stinging Wasp	Pompilidae	*Tachypompilus analis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
164	Stinging Wasp	Scoliidae	*Campsomeriella collaris*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
165	Stinging Wasp	Scoliidae	*Phalerimeris phalerata*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
166	Stinging Wasp	Sphecidae	*Chalybion bengalense*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
167	Stinging Wasp	Sphecidae	*Isodontia diodon*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
168	Stinging Wasp	Sphecidae	*Sceliphron javanum*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
169	Stinging Wasp	Sphecidae	*Sceliphron madraspatanum*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
170	Stinging Wasp	Sphecidae	*Sphex diabolicus*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
171	Stinging Wasp	Sphecidae	*Sphex sericeus*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
172	Stinging Wasp	Sphecidae	*Sphex subtruncatus*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
173	Stinging Wasp	Vespidae	*Allorhynchium argentatum*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
174	Stinging Wasp	Vespidae	*Antepipona sp. nr. bipustulata*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
175	Stinging Wasp	Vespidae	*Delta campaniforme*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
176	Stinging Wasp	Vespidae	*Delta esuriens*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
177	Stinging Wasp	Vespidae	*Delta pyriforme*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
178	Stinging Wasp	Vespidae	*Elimus sp.*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
179	Stinging Wasp	Vespidae	*Eumenes sp.*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
180	Stinging Wasp	Vespidae	*Eustenogaster hauxwelli*	NA	Not Assessed	Near Threatened	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
181	Stinging Wasp	Vespidae	*Eustenogaster micans*	NA	Not Assessed	Near Threatened	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
182	Stinging Wasp	Vespidae	*Labus sp.*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
183	Stinging Wasp	Vespidae	*Liostenogaster nitidipennis*	NA	Not Assessed	Near Threatened	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Type	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status	Species of Conservation Significance	Distribution/Rarity (The Biodiversity of Singapore, 2020)	Native Status	Probable Species	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
184	Stinging Wasp	Vespidae	*Liostenogaster varipicta*	NA	Not Assessed	Near Threatened	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
185	Stinging Wasp	Vespidae	*Parapolybia varia*	Lesser paper wasp	Not Assessed	Near Threatened	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
186	Stinging Wasp	Vespidae	*Parischnogaster mellyi*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
187	Stinging Wasp	Vespidae	*Parischnogaster nigricans*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
188	Stinging Wasp	Vespidae	*Phimenes flavopictus*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
189	Stinging Wasp	Vespidae	*Polistes meadeanus*	NA	Not Assessed	Near Threatened	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
190	Stinging Wasp	Vespidae	*Polistes sagittarius*	Banded paper wasp	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
191	Stinging Wasp	Vespidae	*Polistes stigma*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
192	Stinging Wasp	Vespidae	*Provespa anomala*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
193	Stinging Wasp	Vespidae	*Rhynchium haemorrhoidale*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
194	Stinging Wasp	Vespidae	*Ropalidia erythrospila*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
195	Stinging Wasp	Vespidae	*Ropalidia jacobsoni*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes	Nest observed	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
196	Stinging Wasp	Vespidae	*Ropalidia stigma*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
197	Stinging Wasp	Vespidae	*Ropalidia sumatrae*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes	Nest observed	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
198	Stinging Wasp	Vespidae	*Ropalidia timida*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
199	Stinging Wasp	Vespidae	*Stenodyneriellus guttulatus*	NA	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
200	Stinging Wasp	Vespidae	*Subancistrocerus sichelii*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
201	Stinging Wasp	Vespidae	*Vespa affinis*	Lesser banded hornet	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
202	Stinging Wasp	Vespidae	*Vespa analis*	NA	Not Assessed	Least Concern	No		Native	Yes	No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
203	Stinging Wasp	Vespidae	*Vespa tropica*	Greater banded hornet	Not Assessed	Least Concern	No		Native	Yes	Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

*Based on Ascher et al. (in prep), both the taxonomic revision of Braunsapis and preliminary DNA barcoding results from Singapore suggests that both *B. cupulifera* and *B. hewitti* may be species complexes.

No.	Type	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Soh et al., 2019)	Species of Conservation Significance	Distribution/Rarity (Soh et al. 2019)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Damselfly	Argiolestidae	*Podolestes orientalis*	Blue-spotted Flatwing	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
2	Damselfly	Calopterygidae	*Vestalis amethystina*	Common Flashwing	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
3	Damselfly	Coenagrionidae	*Agriocnemis femina*	Variable Wisp	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
4	Damselfly	Coenagrionidae	*Agriocnemis rubescens*	Variable Sprite	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
5	Damselfly	Coenagrionidae	*Amphicnemis gracilis*	Will-o-Wisp	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
6	Damselfly	Coenagrionidae	*Archibasis viola*	Violet Sprite	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
7	Damselfly	Coenagrionidae	*Ceriagrion cerinorubellum*	Ornate Coraltail	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
8	Damselfly	Coenagrionidae	*Ceriagrion chaoi*	Fiery Coraltail	Least Concern	Not Assessed	No	Widespread but Uncommon	No		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
9	Damselfly	Coenagrionidae	*Ischnura senegalensis*	Common Bluetail	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
10	Damselfly	Coenagrionidae	*Pericnemis stictica*	Dryad	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
11	Damselfly	Coenagrionidae	*Pseudagrion microcephalum*	Blue Sprite	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
12	Damselfly	Coenagrionidae	*Teinobasis ruficollis*	Red-tailed Sprite	Not Assessed	Near Threatened	No	Widespread but Rare	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
13	Damselfly	Devadattidae	*Devadatta argyoides*	Malayan Grisette	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
14	Damselfly	Euphaeidae	*Euphaea impar*	Blue-sided Satinwing	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
15	Damselfly	Lestidae	*Lestes praemorsus*	Crenulated Spreadwing	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
16	Damselfly	Platycnemididae	*Coeliccia octogesima*	Telephone Sylvan	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
17	Damselfly	Platycnemididae	*Copera marginipes*	Yellow Featherlegs	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
18	Damselfly	Platycnemididae	*Copera vittata*	Variable Featherlegs	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
19	Damselfly	Platycnemididae	*Onychargia atrocyana*	Shorttail	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
20	Damselfly	Platystictidae	*Drepanosticta quadrata*	Singapore Shadowdamsel	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
21	Damselfly	Protoneuridae	*Prodasineura collaris*	Collared Threadtail	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
22	Damselfly	Protoneuridae	*Prodasineura humeralis*	Orange-striped Threadtail	Not Assessed	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
23	Damselfly	Protoneuridae	*Prodasineura interrupta*	Interrupted Threadtail	Not Assessed	Critically Endangered	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
24	Damselfly	Protoneuridae	*Prodasineura notostigma*	Crescent Threadtail	Not Assessed	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
25	Dragonfly	Aeshnidae	*Anax guttatus*	Emperor	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		Yes	Exuviae observed	Priority 1	Priority 3	Eng Neo Avenue Forest
26	Dragonfly	Aeshnidae	*Gynacantha basiguttata*	Spoon-tailed Duskhawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
27	Dragonfly	Aeshnidae	*Gynacantha bayadera*	Small Duskhawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
28	Dragonfly	Aeshnidae	*Gynacantha dohrni*	Spear-tail Duskhawker	Not Assessed	Not Assessed	No	Widespread but Uncommon	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
29	Dragonfly	Aeshnidae	*Gynacantha subinterrupta*	Dingy Duskhawker	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
30	Dragonfly	Gomphidae	*Ictinogomphus decoratus*	Common Flangetail	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
31	Dragonfly	Gomphidae	*Macrogomphus quadratus*	Forktail	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
32	Dragonfly	Gomphidae	*Paragomphus capricornis*	Banded Hooktail	Least Concern	Endangered	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
33	Dragonfly	Libellulidae	*Acisoma panorpoides*	Trumpet Tail	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
34	Dragonfly	Libellulidae	*Aethriamanta brevipennis*	Scarlet Adjudant	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
35	Dragonfly	Libellulidae	*Aethriamanta gracilis*	Pond Adjudant	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
36	Dragonfly	Libellulidae	*Agrionoptera insignis*	Grenadier	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
37	Dragonfly	Libellulidae	*Agrionoptera sexlineata*	Handsome Grenadier	Not Assessed	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
38	Dragonfly	Libellulidae	*Brachydiplax chalybea*	Blue Dasher	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
39	Dragonfly	Libellulidae	*Brachythemis contaminata*	Common Amberwing	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
40	Dragonfly	Libellulidae	*Camacinia gigantea*	Sultan	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
41	Dragonfly	Libellulidae	*Cratilla metallica*	Dark-tipped Forest Skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
42	Dragonfly	Libellulidae	*Crocothemis servilia*	Common Scarlet	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
43	Dragonfly	Libellulidae	*Diplacodes nebulosa*	Black-tipped Percher	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
44	Dragonfly	Libellulidae	*Diplacodes trivialis*	Blue Percher	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
45	Dragonfly	Libellulidae	*Hydrobasileus croceus*	Water Monarch	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
46	Dragonfly	Libellulidae	*Lathrecista asiatica*	Scarlet Grenadier	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
47	Dragonfly	Libellulidae	*Lyriothemis cleis*	Bombardier	Least Concern	Endangered	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
48	Dragonfly	Libellulidae	*Nannophya pygmaea*	Scarlet Pygmy	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
49	Dragonfly	Libellulidae	*Nesoxenia lineata*	Striped Grenadier	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
50	Dragonfly	Libellulidae	*Neurothemis fluctuans*	Common Parasol	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
51	Dragonfly	Libellulidae	*Orchithemis pulcherrima*	Variable Sentinel	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
52	Dragonfly	Libellulidae	*Orthetrum chrysis*	Spine-tufted Skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
53	Dragonfly	Libellulidae	*Orthetrum glaucum*	Blue Skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
54	Dragonfly	Libellulidae	*Orthetrum luzonicum*	Slender Blue Skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
55	Dragonfly	Libellulidae	*Orthetrum sabina*	Variegated Green Skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
56	Dragonfly	Libellulidae	*Orthetrum testaceum*	Scarlet Skimmer	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
57	Dragonfly	Libellulidae	*Pantala flavescens*	Wandering Glider	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
58	Dragonfly	Libellulidae	*Potamarcha congener*	Common Chaser	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
59	Dragonfly	Libellulidae	*Pseudothemis jorina*	Banded Skimmer	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
60	Dragonfly	Libellulidae	*Rhodothemis rufa*	Common Redbolt	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
61	Dragonfly	Libellulidae	*Rhyothemis phyllis*	Yellow-barred Flutterer	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
62	Dragonfly	Libellulidae	*Rhyothemis triangularis*	Sapphire Flutterer	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
63	Dragonfly	Libellulidae	*Tholymis tillarga*	White-barred Duskhawk	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
64	Dragonfly	Libellulidae	*Tramea transmarina*	Saddlebag Glider	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
65	Dragonfly	Libellulidae	*Trithemis aurora*	Crimson Dropwing	Least Concern	Not Assessed	No	Widespread and Common	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
66	Dragonfly	Libellulidae	*Trithemis festiva*	Indigo Dropwing	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
67	Dragonfly	Libellulidae	*Trithemis pallidinervis*	Dancing Dropwing	Least Concern	Not Assessed	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
68	Dragonfly	Libellulidae	*Tyriobapta torrida*	Treehugger	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
69	Dragonfly	Libellulidae	*Urothemis signata insignata*	Scarlet Basker	Not Assessed	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
70	Dragonfly	Libellulidae	*Zyxomma petiolatum*	Slender Duskdarter	Least Concern	Not Assessed	No	Widespread and Common	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
71	Dragonfly	Synthemistidae	*Idionyx yolanda*	Shadowdancer	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
72	Dragonfly	Aeshnidae	*Anax guttatus*	Emperor	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
73	Dragonfly	Aeshnidae	*Gynacantha dohrni*	Spear-tail Duskhawker	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
74	Dragonfly	Aeshnidae	*Gynacantha subinterrupta*	Dingy Duskhawker	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
75	Dragonfly	Aeshnidae	*Gynacantha sp.*	Duskhawker	N.A	N.A	N.A	N.A	N.A	Yes			Priority 1	Priority 3	Windsor
76	Dragonfly	Aeshnidae	*Heliaeschna uninervulata*	Lesser Nighthawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No			Priority 1	Priority 2	Windsor
77	Dragonfly	Aeshnidae	*Tetracanthagyna plagiata*	Giant Hawker	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Yes	No			Priority 1	Priority 2	Windsor
78	Damselfly	Argiolestidae	*Podolestes orientalis*	Blue-spotted Flatwing	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Yes	No			Priority 1	Priority 2	Windsor
79	Damselfly	Calopterygidae	*Vestalis amethystina*	Common Flashwing	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No			Priority 1	Priority 2	Windsor
80	Damselfly	Chlorocyphidae	*Libellago aurantiaca*	Fiery Gem	Least Concern	Critically Endangered	Yes	Restricted but Common	Yes	No			Priority 1	Priority 2	Windsor
81	Damselfly	Chlorocyphidae	*Libellago lineata*	Golden Gem	Least Concern	Vulnerable	Yes	Restricted but Common	Yes	No			Priority 1	Priority 2	Windsor
82	Damselfly	Coenagrionidae	*Aciagrion hisopa*	Blue Slim	Least Concern	Endangered	Yes	Restricted and Very Rare	Yes	No			Priority 1	Priority 2	Windsor
83	Damselfly	Coenagrionidae	*Agriocnemis femina*	Variable Wisp	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
84	Damselfly	Coenagrionidae	*Agriocnemis nana*	Dwarf Wisp	Least Concern	Endangered	Yes	Restricted and Very Rare	Yes	No			Priority 1	Priority 2	Windsor
85	Damselfly	Coenagrionidae	*Agriocnemis rubescens*	Variable Sprite	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor

No.	Type	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Soh et al., 2019)	Species of Conservation Significance	Distribution/Rarity (Soh et al. 2019)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
86	Damselfly	Coenagrionidae	*Archibasis rebeccae*	Rebecca's Sprite	Near Threatened	Critically Endangered	Yes	Restricted and Very Rare	Yes	No			Priority 1	Priority 2	Windsor
87	Damselfly	Coenagrionidae	*Archibasis viola*	Violet Sprite	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
88	Damselfly	Coenagrionidae	*Ceriagrion cerinorubellum*	Ornate Coraltail	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
89	Damselfly	Coenagrionidae	*Ceriagrion chaoi*	Fiery Coraltail	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
90	Damselfly	Coenagrionidae	*Ischnura senegalensis*	Common Bluetail	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
91	Damselfly	Coenagrionidae	*Pericnemis stictica*	Dryad	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No			Priority 1	Priority 2	Windsor
92	Damselfly	Coenagrionidae	*Pseudagrion australasiae*	Look-alike Sprite	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
93	Damselfly	Coenagrionidae	*Pseudagrion microcephalum*	Blue Sprite	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
94	Damselfly	Coenagrionidae	*Pseudagrion pruinosum*	Grey Sprite	Least Concern	Vulnerable	Yes	Restricted but Common	Yes	No			Priority 1	Priority 2	Windsor
95	Dragonfly	Corduliidae	*Hemicordulia tenera*	Emerald	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No			Priority 1	Priority 2	Windsor
96	Damselfly	Devadattidae	*Devadatta argyoides*	Malayan Grisette	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes	No			Priority 1	Priority 2	Windsor
97	Dragonfly	Gomphidae	*Heliogomphus kelantanensis*	Malayan Grappletail	Near Threatened	Critically Endangered	Yes	Restricted and Rare	Yes	No			Priority 1	Priority 2	Windsor
98	Dragonfly	Gomphidae	*Ictinogomphus decoratus*	Common Flangetail	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
99	Dragonfly	Gomphidae	*Macrogomphus quadratus*	Forktail	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Yes	No			Priority 1	Priority 2	Windsor
100	Dragonfly	Gomphidae	*Microgomphus chelifer*	Tiny Sheartail	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes	No			Priority 1	Priority 2	Windsor
101	Dragonfly	Libellulidae	*Acisoma panorpoides*	Trumpet Tail	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
102	Dragonfly	Libellulidae	*Aethriamanta aethra*	Blue Adjudant	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
103	Dragonfly	Libellulidae	*Aethriamanta brevipennis*	Scarlet Adjudant	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
104	Dragonfly	Libellulidae	*Aethriamanta gracilis*	Pond Adjudant	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
105	Dragonfly	Libellulidae	*Agrionoptera insignis*	Grenadier	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
106	Dragonfly	Libellulidae	*Agrionoptera sexlineata*	Handsome Grenadier	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
107	Dragonfly	Libellulidae	*Brachydiplax chalybea*	Blue Dasher	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
108	Dragonfly	Libellulidae	*Brachythemis contaminata*	Common Amberwing	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
109	Dragonfly	Libellulidae	*Camacinia gigantea*	Sultan	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
110	Dragonfly	Libellulidae	*Chalybiothemis fluviatilis*	Green-eyed Percher	Not Assessed	Endangered	Yes	Restricted but Common	Yes	No			Priority 1	Priority 2	Windsor
111	Dragonfly	Libellulidae	*Cratilla lineata*	Lined Forest Skimmer	Least Concern	Near Threatened	No	Widespread but Rare	Yes	No			Priority 1	Priority 3	Windsor
112	Dragonfly	Libellulidae	*Cratilla metallica*	Dark-tipped Forest Skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
113	Dragonfly	Libellulidae	*Crocothemis servilia*	Common Scarlet	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
114	Dragonfly	Libellulidae	*Diplacodes nebulosa*	Black-tipped Percher	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
115	Dragonfly	Libellulidae	*Diplacodes trivialis*	Blue Percher	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
116	Dragonfly	Libellulidae	*Hydrobasileus croceus*	Water Monarch	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
117	Dragonfly	Libellulidae	*Lathrecista asiatica*	Scarlet Grenadier	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
118	Dragonfly	Libellulidae	*Lyriothemis cleis*	Bombardier	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No			Priority 1	Priority 2	Windsor
119	Dragonfly	Libellulidae	*Macrodiplax cora*	Coastal Glider	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
120	Dragonfly	Libellulidae	*Nannophya pygmaea*	Scarlet Pygmy	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
121	Dragonfly	Libellulidae	*Nesoxenia lineata*	Striped Grenadier	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
122	Dragonfly	Libellulidae	*Neurothemis fluctuans*	Common Parasol	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
123	Dragonfly	Libellulidae	*Onychothemis testacea*	Riverhawk	Least Concern	Endangered	Yes	Restricted and Very Rare	Yes	No			Priority 1	Priority 2	Windsor
124	Dragonfly	Libellulidae	*Orchithemis pulcherrima*	Variable Sentinel	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
125	Dragonfly	Libellulidae	*Orthetrum chrysis*	Spine-tufted Skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
126	Dragonfly	Libellulidae	*Orthetrum glaucum*	Blue Skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
127	Dragonfly	Libellulidae	*Orthetrum luzonicum*	Slender Blue Skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
128	Dragonfly	Libellulidae	*Orthetrum sabina*	Variegated Green Skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
129	Dragonfly	Libellulidae	*Orthetrum testaceum*	Scarlet Skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
130	Dragonfly	Libellulidae	*Pantala flavescens*	Wandering Glider	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
131	Dragonfly	Libellulidae	*Potamarcha congener*	Common Chaser	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
132	Dragonfly	Libellulidae	*Pseudothemis jorina*	Banded Skimmer	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	Yes			Priority 1	Priority 3	Windsor
133	Dragonfly	Libellulidae	*Rhodothemis rufa*	Common Redbolt	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
134	Dragonfly	Libellulidae	*Rhyothemis phyllis*	Yellow-barred Flutterer	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
135	Dragonfly	Libellulidae	*Rhyothemis triangularis*	Sapphire Flutterer	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
136	Dragonfly	Libellulidae	*Risiophlebia dohrni*	Potbellied Elf	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No			Priority 1	Priority 2	Windsor
137	Dragonfly	Libellulidae	*Tholymis tillarga*	White-barred Duskhawk	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
138	Dragonfly	Libellulidae	*Tramea transmarina*	Saddlebag Glider	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
139	Dragonfly	Libellulidae	*Trithemis aurora*	Crimson Dropwing	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
140	Dragonfly	Libellulidae	*Trithemis festiva*	Indigo Dropwing	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
141	Dragonfly	Libellulidae	*Tyriobapta torrida*	Treehugger	Least Concern	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
142	Dragonfly	Libellulidae	*Urothemis signata insignata*	Scarlet Basker	Not Assessed	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
143	Dragonfly	Libellulidae	*Zyxomma petiolatum*	Slender Duskdarter	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
144	Dragonfly	Macromiidae	*Epophthalmia vittigera*	Pond Cruiser	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
145	Dragonfly	Macromiidae	*Macromia cydippe*	Lesser Stream Cruiser	Least Concern	Endangered	Yes	Restricted and Rare	Yes	No			Priority 1	Priority 2	Windsor
146	Damselfly	Platycnemididae	*Coeliccia octogesima*	Telephone Sylvan	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No			Priority 1	Priority 2	Windsor
147	Damselfly	Platycnemididae	*Copera marginipes*	Yellow Featherlegs	Least Concern	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
148	Damselfly	Platycnemididae	*Onychargia atrocyana*	Shorttail	Least Concern	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
149	Damselfly	Platycnemididae	*Prodasineura collaris*	Collared Threadtail	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes	No			Priority 1	Priority 2	Windsor
150	Damselfly	Platycnemididae	*Prodasineura humeralis*	Orange-striped Threadtail	Not Assessed	Least Concern	No	Widespread and Common	Yes	Yes			Priority 1	Priority 3	Windsor
151	Damselfly	Platycnemididae	*Prodasineura interrupta*	Interrupted Threadtail	Not Assessed	Critically Endangered	Yes	Restricted and Uncommon	Yes	No			Priority 1	Priority 2	Windsor
152	Damselfly	Platycnemididae	*Prodasineura notostigma*	Crescent Threadtail	Not Assessed	Least Concern	No	Widespread and Common	Yes	No			Priority 1	Priority 3	Windsor
153	Damselfly	Platystictidae	*Drepanosticta quadrata*	Singapore Shadowdamsel	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes	No			Priority 1	Priority 2	Windsor
154	Dragonfly	Synthemistidae	*Idionyx yolanda*	Shadowdancer	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes	No			Priority 1	Priority 3	Windsor
155	Damselfly	Argiolestidae	*Podolestes orientalis*	Blue-spotted flatwing	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
156	Damselfly	Calopterygidae	*Vestalis amethystina*	Common flashwing	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
157	Damselfly	Coenagrionidae	*Agriocnemis femina*	Variable wisp	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
158	Damselfly	Coenagrionidae	*Agriocnemis rubescens*	Variable sprite	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
159	Damselfly	Coenagrionidae	*Amphicnemis gracilis*	Will-o-wisp	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
160	Damselfly	Coenagrionidae	*Archibasis viola*	Violet sprite	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
161	Damselfly	Coenagrionidae	*Ceriagrion cerinorubellum*	Ornate coraltail	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
162	Damselfly	Coenagrionidae	*Ceriagrion chaoi*	Fiery coraltail	Least Concern	Least Concern	Yes	Widespread but Uncommon	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
163	Damselfly	Coenagrionidae	*Ischnura senegalensis*	Common bluetail	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
164	Damselfly	Coenagrionidae	*Pericnemis stictica*	Dryad	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
165	Damselfly	Coenagrionidae	*Pseudagrion microcephalum*	Blue sprite	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
166	Damselfly	Coenagrionidae	*Teinobasis ruficollis*	Red-tailed sprite	Not Assessed	Near Threatened	No	Widespread but Rare	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
167	Damselfly	Devadattidae	*Devadatta argyoides*	Malayan grisette	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
168	Damselfly	Euphaeidae	*Euphaea impar*	Blue-sided satinwing	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Type	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Soh et al., 2019)	Species of Conservation Significance	Distribution/Rarity (Soh et al. 2019)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
169	Damselfly	Lestidae	*Lestes praemorsus*	Crenulated spreadwing	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
170	Damselfly	Platycnemididae	*Coeliccia octogesima*	Telephone sylvan	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
171	Damselfly	Platycnemididae	*Copera marginipes*	Yellow featherlegs	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
172	Damselfly	Platycnemididae	*Copera vittata*	Variable featherlegs	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
173	Damselfly	Platycnemididae	*Onychargia atrocyana*	Shorttail	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
174	Damselfly	Platystictidae	*Drepanosticta quadrata*	Singapore shadowdamsel	Not Assessed	Vulnerable	Yes	Restricted but Common	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
175	Damselfly	Protoneuridae	*Prodasineura collaris*	Collared threadtail	Least Concern	Endangered	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
176	Damselfly	Protoneuridae	*Prodasineura humeralis*	Orange-striped threadtail	Not Assessed	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
177	Damselfly	Protoneuridae	*Prodasineura interrupta*	Interrupted threadtail	Not Assessed	Critically Endangered	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
178	Damselfly	Protoneuridae	*Prodasineura notostigma*	Crescent threadtail	Not Assessed	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
179	Dragonfly	Aeshnidae	*Anax guttatus*	Emperor	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
180	Dragonfly	Aeshnidae	*Gynacantha basiguttata*	Spoon-tailed duskhawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
181	Dragonfly	Aeshnidae	*Gynacantha bayadera*	Small duskhawker	Least Concern	Vulnerable	Yes	Restricted and Rare	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
182	Dragonfly	Aeshnidae	*Gynacantha dohrni*	Spear-tail duskhawker	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
183	Dragonfly	Aeshnidae	*Gynacantha subinterrupta*	Dingy duskhawker	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
184	Dragonfly	Gomphidae	*Ictinogomphus decoratus*	Common flangetail	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
185	Dragonfly	Gomphidae	*Macrogomphus quadratus*	Forktail	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
186	Dragonfly	Libellulidae	*Acisoma panorpoides*	Trumpet tail	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
187	Dragonfly	Libellulidae	*Aethriamanta aethra*	Blue adjudant	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
188	Dragonfly	Libellulidae	*Aethriamanta brevipennis*	Scarlet adjudant	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
189	Dragonfly	Libellulidae	*Aethriamanta gracilis*	Pond adjudant	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
190	Dragonfly	Libellulidae	*Agrionoptera insignis*	Grenadier	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
191	Dragonfly	Libellulidae	*Agrionoptera sexlineata*	Handsome grenadier	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
192	Dragonfly	Libellulidae	*Brachydiplax chalybea*	Blue dasher	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
193	Dragonfly	Libellulidae	*Brachythemis contaminata*	Common amberwing	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
194	Dragonfly	Libellulidae	*Camacinia gigantea*	Sultan	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
195	Dragonfly	Libellulidae	*Cratilla metallica*	Dark-tipped forest skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
196	Dragonfly	Libellulidae	*Crocothemis servilia*	Common scarlet	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
197	Dragonfly	Libellulidae	*Diplacodes nebulosa*	Black-tipped percher	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
198	Dragonfly	Libellulidae	*Diplacodes trivialis*	Blue percher	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
199	Dragonfly	Libellulidae	*Hydrobasileus croceus*	Water monarch	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
200	Dragonfly	Libellulidae	*Lathrecista asiatica*	Scarlet grenadier	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
201	Dragonfly	Libellulidae	*Nannophya pygmaea*	Scarlet pygmy	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
202	Dragonfly	Libellulidae	*Nesoxenia lineata*	Striped grenadier	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
203	Dragonfly	Libellulidae	*Neurothemis fluctuans*	Common parasol	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
204	Dragonfly	Libellulidae	*Orchithemis pulcherrima*	Variable sentinel	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
205	Dragonfly	Libellulidae	*Orthetrum chrysis*	Spine-tufted skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
206	Dragonfly	Libellulidae	*Orthetrum glaucum*	Common blue skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
207	Dragonfly	Libellulidae	*Orthetrum luzonicum*	Slender blue skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
208	Dragonfly	Libellulidae	*Orthetrum sabina*	Variegated green skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
209	Dragonfly	Libellulidae	*Orthetrum testaceum*	Scarlet skimmer	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
210	Dragonfly	Libellulidae	*Pantala flavescens*	Wandering glider	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
211	Dragonfly	Libellulidae	*Potamarcha congener*	Common chaser	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
212	Dragonfly	Libellulidae	*Pseudothemis jorina*	Banded skimmer	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
213	Dragonfly	Libellulidae	*Rhodothemis rufa*	Common redbolt	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
214	Dragonfly	Libellulidae	*Rhyothemis phyllis*	Yellow-barred flutterer	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
215	Dragonfly	Libellulidae	*Rhyothemis triangularis*	Sapphire flutterer	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
216	Dragonfly	Libellulidae	*Tholymis tillarga*	White-barred duskhawk	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Type	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Soh et al., 2019)	Species of Conservation Significance	Distribution/Rarity (Soh et al. 2019)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
217	Dragonfly	Libellulidae	*Tramea transmarina*	Saddlebag glider	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
218	Dragonfly	Libellulidae	*Trithemis aurora*	Crimson dropwing	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
219	Dragonfly	Libellulidae	*Trithemis festiva*	Indigo dropwing	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
220	Dragonfly	Libellulidae	*Trithemis pallidinervis*	Dancing dropwing	Least Concern	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
221	Dragonfly	Libellulidae	*Tyriobapta torrida*	Treehugger	Least Concern	Least Concern	No	Widespread and Common	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
222	Dragonfly	Libellulidae	*Urothemis signata*	Scarlet basker	Not Assessed	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
223	Dragonfly	Libellulidae	*Zyxomma petiolatum*	Slender duskdarter	Least Concern	Least Concern	No	Widespread and Common	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
224	Dragonfly	Synthemistidae	*Idionyx yolanda*	Shadowdancer	Not Assessed	Least Concern	No	Widespread but Uncommon	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008; Jain et al. 2018)	Species of Conservation Significance	Distribution/Rarity (Khew, 2015)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Hesperiidae	*Ampittia dioscorides camertes*	Bush Hopper	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
2	Hesperiidae	*Ancistroides nigrita maura*	Chocolate Demon	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
3	Hesperiidae	*Astictopterus jama jama*	Forest Hopper	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
4	Hesperiidae	*Baoris farri farri*	Bamboo Paintbrush Swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
5	Hesperiidae	*Baoris oceia*	Paintbrush Swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
6	Hesperiidae	*Borbo cinnara*	Formosan Swift	Not Assessed	Endangered	Yes	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
7	Hesperiidae	*Burara etelka*	Great Orange Awlet	Not Assessed	Not Assessed	No	Rare	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
8	Hesperiidae	*Burara harisa consobrina*	Orange Awlet	Not Assessed	Not Assessed	No	Moderately rare	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
9	Hesperiidae	*Caltoris cormasa*	Full Stop Swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
10	Hesperiidae	*Cephrenes acalle niasicus*	Plain Palm Dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
11	Hesperiidae	*Cephrenes trichopepla*	Yellow Palm Dart	Not Assessed	Not assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
12	Hesperiidae	*Erionota hiraca apicalis*	White Tipped Skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
13	Hesperiidae	*Erionota thrax thrax*	Banana Skipper	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
14	Hesperiidae	*Erionota torus*	Torus Skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
15	Hesperiidae	*Halpe ormenes vilasina*	Dark Banded Ace	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
16	Hesperiidae	*Hasora badra badra*	Common Awl	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
17	Hesperiidae	*Hasora chromus chromus*	Common Banded Awl	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
18	Hesperiidae	*Hasora vitta vitta*	Plain Banded Awl	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
19	Hesperiidae	*Hidari irava*	Coconut Skipper	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
20	Hesperiidae	*Iambrix salsala salsala*	Chestnut Bob	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
21	Hesperiidae	*Iambrix stellifer*	Starry Bob	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
22	Hesperiidae	*Matapa aria*	Common Redeye	Not Assessed	Not Assessed	No	Moderately rare	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
23	Hesperiidae	*Notocrypta paralysos varians*	Banded Demon	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
24	Hesperiidae	*Oriens gola pseudolus*	Common Dartlet	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
25	Hesperiidae	*Pelopidas agna agna*	Bengal Swift	Not Assessed	Endangered	Yes	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
26	Hesperiidae	*Pelopidas assamensis*	Great Swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
27	Hesperiidae	*Pelopidas conjunctus conjunctus*	Conjoined Swift	Not Assessed	Not assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
28	Hesperiidae	*Pelopidas mathias mathias*	Small Branded Swift	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
29	Hesperiidae	*Plastingia naga*	Chequered Lancer	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
30	Hesperiidae	*Polytremis lubricans lubricans*	Contiguous Swift	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
31	Hesperiidae	*Potanthus ganda*	N.A	Not Assessed	Not Assessed	No	-	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
32	Hesperiidae	*Potanthus omaha omaha*	Lesser Dart	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
33	Hesperiidae	*Potanthus serina*	Large Dart	Not Assessed	Not assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
34	Hesperiidae	*Potanthus trachala tytleri*	Detached Dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
35	Hesperiidae	*Pyroneura latoia latoia*	Yellow Vein Lancer	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
36	Hesperiidae	*Suastus gremius gremius*	Palm Bob	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
37	Hesperiidae	*Tagiades japetus atticus*	Common Snow Flat	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
38	Hesperiidae	*Taractrocera archias quinta*	Yellow Grass Dart	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
39	Hesperiidae	*Taractrocera ardonia lamia*	Spotted Grass Dart	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
40	Hesperiidae	*Telicota augias augias*	Pale Palm Dart	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
41	Hesperiidae	*Telicota besta bina*	Besta Palm Dart	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
42	Hesperiidae	*Telicota colon stinga*	Common Palm Dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
43	Hesperiidae	*Udaspes folus*	Grass Demon	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
44	Hesperiidae	*Zographetus doxus*	Spotted Flitter	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
45	Lycaenidae	*Acytolepis puspa lambi*	Common Hedge Blue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
46	Lycaenidae	*Allotinus unicolor unicolor*	Lesser Darkwing	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
47	Lycaenidae	*Anthene emolus goberus*	Ciliate Blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
48	Lycaenidae	*Anthene lycaenina miya*	Pointed Ciliate Blue	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
49	Lycaenidae	*Arhopala amphimuta amphimuta*	N.A	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
50	Lycaenidae	*Arhopala centaurus nakula*	Centaur Oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
51	Lycaenidae	*Arhopala major major*	N.A	Not Assessed	Data Deficient	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
52	Lycaenidae	*Catochrysops panormus exiguus*	Silver Forget-Me-Not	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
53	Lycaenidae	*Catochrysops strabo strabo*	Forget-Me-Not	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
54	Lycaenidae	*Catopyrops ancyra*	Ancyra Blue	Not Assessed	Vulnerable	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
55	Lycaenidae	*Chilades pandava pandava*	Cycad Blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
56	Lycaenidae	*Curetis saronis sumatrana*	Sumatran Sunbeam	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
57	Lycaenidae	*Drupadia ravindra moorei*	Common Posy	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
58	Lycaenidae	*Eooxylides tharis distanti*	Branded Imperial	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
59	Lycaenidae	*Euchrysops cnejus cnejus*	Gram Blue	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
60	Lycaenidae	*Everes lacturnus rileyi*	Indian Cupid	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
61	Lycaenidae	*Flos apidanus saturatus*	Plain Plushblue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
62	Lycaenidae	*Hypolycaena erylus teatus*	Common Tit	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
63	Lycaenidae	*Hypolycaena thecloides thecloides*	Dark Tit	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
64	Lycaenidae	*Ionolyce helicon merguiana*	Pointed Line Blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
65	Lycaenidae	*Iraota rochana boswelliana*	Scarce Silverstreak	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
66	Lycaenidae	*Jamides alecto ageladas*	Metallic Caerulean	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
67	Lycaenidae	*Jamides bochus nabonassar*	Dark Caerulean	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
68	Lycaenidae	*Jamides celeno aelianus*	Common Caerulean	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
69	Lycaenidae	*Lampides boeticus*	Pea Blue	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
70	Lycaenidae	*Logania marmorata damis*	Pale Mottle	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
71	Lycaenidae	*Loxura atymnus fuconius*	Yamfly	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
72	Lycaenidae	*Megisba malaya sikkima*	Malayan	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
73	Lycaenidae	*Miletus biggsii biggsii*	Bigg's Brownwing	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
74	Lycaenidae	*Miletus* sp.	N.A	N.A	N.A	N.A	N.A	N.A		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
75	Lycaenidae	*Miletus symethus petronius*	Blue Brownwing/Great Brownie	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
76	Lycaenidae	*Nacaduba berenice icena*	Rounded Sixline Blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
77	Lycaenidae	*Nacaduba beroe neon*	Opaque Sixline Blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008; Jain et al. 2018)	Species of Conservation Significance	Distribution/Rarity (Khew, 2015)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
78	Lycaenidae	*Nacaduba biocellata*	Two Spotted Line Blue	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
79	Lycaenidae	*Nacaduba kurava nemana*	Transparent Sixline Blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
80	Lycaenidae	*Nacaduba* sp.	N.A	N.A	N.A	N.A	N.A	N.A		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
81	Lycaenidae	*Petrelaea dana*	Dingy Line Blue	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
82	Lycaenidae	*Prosotas dubiosa lumpura*	Tailless Line Blue	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
83	Lycaenidae	*Prosotas nora superdates*	Common Line Blue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
84	Lycaenidae	*Rapala dieneces dieneces*	Scarlet Flash	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
85	Lycaenidae	*Rapala iarbus iarbus*	Common Red Flash	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
86	Lycaenidae	*Rapala manea chozeba*	Slate Flash	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
87	Lycaenidae	*Rapala pheretima sequeira*	Copper Flash	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
88	Lycaenidae	*Rapala suffusa barthema*	Suffused Flash	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
89	Lycaenidae	*Rapala varuna orseis*	Indigo Flash	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
90	Lycaenidae	*Semanga superba deliciosa*	N.A	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
91	Lycaenidae	*Spalgis epius epius*	Apefly	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
92	Lycaenidae	*Spindasis lohita senama*	Long Banded Silverline	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
93	Lycaenidae	*Spindasis syama terana*	Club Silverline	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
94	Lycaenidae	*Surendra vivarna amisena*	Acacia Blue	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
95	Lycaenidae	*Tajuria cippus maxentius*	Peacock Royal	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
96	Lycaenidae	Theclinae	N.A	N.A	N.A	N.A	N.A	N.A		Yes	species	Priority 1	Priority 1	Eng Neo Avenue Forest
97	Lycaenidae	*Virachola kessuma deliochus*	Pitcher Blue	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
98	Lycaenidae	*Zeltus amasa maximinianus*	Fluffy Tit	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
99	Lycaenidae	*Zizeeria maha serica*	Pale Grass Blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
100	Lycaenidae	*Zizina otis lampa*	Lesser Grass Blue	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
101	Lycaenidae	*Zizula hylax pygmaea*	Pygmy Grass Blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
102	Nymphalidae	*Acraea terpsicore*	Tawny Coster	Not Assessed	Not assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
103	Nymphalidae	*Amathusia phidippus phidippus*	Palm King	Not Assessed	Not Assessed	No	Moderately rare	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
104	Nymphalidae	*Athyma kanwa kanwa*	Dot-Dash Sergeant	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
105	Nymphalidae	*Athyma nefte subrata*	Colour Sergeant	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
106	Nymphalidae	*Cethosia cyane*	Leopard Lacewing	Not Assessed	Not assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
107	Nymphalidae	*Danaus chrysippus chrysippus*	Plain Tiger	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
108	Nymphalidae	*Doleschallia bisaltide bisaltide*	Autumn Leaf	Not Assessed	Not assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
109	Nymphalidae	*Elymnias hypermnestra agina*	Common Palmfly	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
110	Nymphalidae	*Elymnias panthera panthera*	Tawny Palmfly	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
111	Nymphalidae	*Euploea midamus singapura*	Blue Spotted Crow	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
112	Nymphalidae	*Euploea mulciber mulciber*	Striped Blue Crow	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
113	Nymphalidae	*Euripus nyctelius euploeoides*	Courtesan	Not Assessed	Critically Endangered	Yes	Rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
114	Nymphalidae	*Euthalia aconthea gurda*	Baron	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
115	Nymphalidae	*Euthalia adonia pinwilli*	Green Baron	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
116	Nymphalidae	*Euthalia monina monina*	Malay Baron	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
117	Nymphalidae	*Faunis canens arcesilas*	Common Faun	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
118	Nymphalidae	*Hypolimnas anomala anomala*	Malayan Eggfly	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
119	Nymphalidae	*Hypolimnas bolina bolina*	Great Eggfly	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
120	Nymphalidae	*Hypolimnas bolina jacintha*	Jacintha Eggfly	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
121	Nymphalidae	*Ideopsis vulgaris macrina*	Blue Glassy Tiger	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
122	Nymphalidae	*Junonia almana javana*	Peacock Pansy	Least Concern	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
123	Nymphalidae	*Junonia hedonia ida*	Chocolate Pansy	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
124	Nymphalidae	*Junonia orithya wallacei*	Blue Pansy	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
125	Nymphalidae	*Lasippa tiga siaka*	Malayan Lascar	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
126	Nymphalidae	*Lethe europa malaya*	Bamboo Tree Brown	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
127	Nymphalidae	*Lexias pardalis dirteana*	Archduke	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
128	Nymphalidae	*Melanitis leda leda*	Common Evening Brown	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
129	Nymphalidae	*Moduza procris milonia*	Commander	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
130	Nymphalidae	*Mycalesis mineus macromalayana*	Dark Brand Bush Brown	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
131	Nymphalidae	*Mycalesis perseoides perseoides*	Burmese Bush Brown	Not Assessed	Data Deficient	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
132	Nymphalidae	*Mycalesis perseus cepheus*	Dingy Bush Brown	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
133	Nymphalidae	*Mycalesis visala phamis*	Long Brand Bush Brown	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
134	Nymphalidae	*Neptis harita harita*	Chocolate Sailor	Not Assessed	Vulnerable	Yes	Rare	No		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
135	Nymphalidae	*Neptis hylas papaja*	Common Sailor	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
136	Nymphalidae	*Orsotriaena medus cinerea*	Dark Grass Brown	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
137	Nymphalidae	*Pantoporia hordonia hordonia*	Common Lascar	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
138	Nymphalidae	*Parantica agleoides agleoides*	Dark Glassy Tiger	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
139	Nymphalidae	*Phaedyma columella singa*	Short Banded Sailor	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
140	Nymphalidae	*Phalanta phalantha phalantha*	Leopard	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
141	Nymphalidae	*Polyura hebe plautus*	Plain Nawab	Not Assessed	Not Assessed	No	Common	Yes		Yes	Pupa also observed	Priority 1	Priority 1	Eng Neo Avenue Forest
142	Nymphalidae	*Polyura schreiber tisamenus*	Blue Nawab	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
143	Nymphalidae	*Symbrenthia hippoclus selangorana*	Malayan Jester	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
144	Nymphalidae	*Tanaecia iapis puseda*	Horsfield's Baron	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
145	Nymphalidae	*Tanaecia pelea pelea*	Malay Viscount	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
146	Nymphalidae	*Vindula dejone erotella*	Cruiser	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
147	Nymphalidae	*Ypthima baldus newboldi*	Common Five-Ring	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
148	Nymphalidae	*Ypthima horsfieldii humei*	Malayan Five-Ring	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
149	Nymphalidae	*Ypthima huebneri*	Common Four-Ring	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
150	Nymphalidae	*Ypthima pandocus corticaria*	Common Three-Ring	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
151	Nymphalidae	*Zeuxidia amethystus amethystus*	Saturn	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
152	Papilionidae	*Chilasa clytia clytia*	Common Mime	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
153	Papilionidae	*Graphium agamemnon agamemnon*	Tailed Jay	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
154	Papilionidae	*Graphium sarpedon luctatius*	Common Bluebottle	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008; Jain et al. 2018)	Species of Conservation Significance	Distribution/Rarity (Khew, 2015)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
155	Papilionidae	*Pachliopta aristolochiae asteris*	Common Rose	Not Assessed	Vulnerable	Yes	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
156	Papilionidae	*Papilio demoleus malayanus*	Lime Butterfly	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
157	Papilionidae	*Papilio polytes romulus*	Common Mormon	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
158	Papilionidae	*Troides helena cerberus*	Common Birdwing	(Appendix II)	Vulnerable	Yes	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
159	Pieridae	*Appias libythea olferna*	Striped Albatross	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
160	Pieridae	*Catopsilia pomona pomona*	Lemon Emigrant	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
161	Pieridae	*Catopsilia pyranthe pyranthe*	Mottled Emigrant	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
162	Pieridae	*Catopsilia scylla cornelia*	Orange Emigrant	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
163	Pieridae	*Delias hyparete metarete*	Painted Jezebel	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
164	Pieridae	*Eurema andersonii andersonii*	Anderson's Grass Yellow	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
165	Pieridae	*Eurema blanda snelleni*	Three Spot Grass Yellow	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
166	Pieridae	*Eurema hecabe contubernalis*	Common Grass Yellow	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
167	Pieridae	*Eurema sari sodalis*	Chocolate Grass Yellow	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
168	Pieridae	*Eurema simulatrix tecmessa*	Forest Grass Yellow	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
169	Pieridae	*Leptosia nina malayana*	Psyche	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
170	Pieridae	*Pieris canidia canidia*	Cabbage White	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
171	Riodinidae	*Abisara savitri savitri*	Malay Tailed Judy	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
172	Hesperiidae	*Ampittia dioscorides camertes*	Bush Hopper	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
173	Hesperiidae	*Ancistroides nigrita maura*	Chocolate Demon	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
174	Hesperiidae	*Astictopterus jama jama*	Forest Hopper	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
175	Hesperiidae	*Badamia exclamationis*	Brown Awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
176	Hesperiidae	*Baoris farri farri*	Bamboo Paintbrush Swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
177	Hesperiidae	*Baoris oceia*	Paintbrush Swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
178	Hesperiidae	*Bibasis sena uniformis*	Orange Tailed Awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
179	Hesperiidae	*Borbo cinnara*	Formosan Swift	Not Assessed	Endangered	Yes	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
180	Hesperiidae	*Burara etelka*	Great Orange Awlet	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
181	Hesperiidae	*Burara harisa consobrina*	Orange Awlet	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
182	Hesperiidae	*Caltoris cormasa*	Full Stop Swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
183	Hesperiidae	*Caltoris malaya*	Malayan Swift	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
184	Hesperiidae	*Caltoris philippina philippina*	Philippine Swift	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
185	Hesperiidae	*Cephrenes acalle niasicus*	Plain Palm Dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
186	Hesperiidae	*Cephrenes trichopepla*	Yellow Palm Dart	Not Assessed	Not assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
187	Hesperiidae	*Eetion elia*	White Spot Palmer	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
188	Hesperiidae	*Erionota hiraca apicalis*	White Tipped Skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
189	Hesperiidae	*Erionota thrax thrax*	Banana Skipper	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
190	Hesperiidae	*Erionota torus*	Torus Skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
191	Hesperiidae	*Erionota sp.*	Skipper	N.A	N.A	N.A	N.A	N.A	Yes			Priority 1	Priority 1	Windsor
192	Hesperiidae	*Gangara lebadea lebadea*	Banded Redeye	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
193	Hesperiidae	*Gangara thyrsis thyrsis*	Giant Redeye	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
194	Hesperiidae	*Gerosis limax dirae*	Black and White Flat	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
195	Hesperiidae	*Gerosis tristis*	N/A	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
196	Hesperiidae	*Halpe ormenes vilasina*	Dark Banded Ace	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
197	Hesperiidae	*Hasora badra badra*	Common Awl	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
198	Hesperiidae	*Hasora chromus chromus*	Common Banded Awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
199	Hesperiidae	*Hasora schoenherr chuza*	Yellow Banded Awl	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
200	Hesperiidae	*Hasora taminatus malayana*	White Banded Awl	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
201	Hesperiidae	*Hasora vitta vitta*	Plain Banded Awl	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
202	Hesperiidae	*Hidari irava*	Coconut Skipper	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
203	Hesperiidae	*Hyarotis adrastus praba*	Tree Flitter	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
204	Hesperiidae	*Iambrix salsala salsala*	Chestnut Bob	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
205	Hesperiidae	*Iambrix stellifer*	Starry Bob	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
206	Hesperiidae	*Matapa aria*	Common Redeye	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
207	Hesperiidae	*Notocrypta paralysos varians*	Banded Demon	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
208	Hesperiidae	*Odina hieroglyphica ortina*	Hieroglyphic Flat	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
209	Hesperiidae	*Odontoptilum angulatum angulatum*	Chestnut Angle	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
210	Hesperiidae	*Oriens gola pseudolus*	Common Dartlet	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
211	Hesperiidae	*Oriens paragola*	Malay Dartlet	Not Assessed	Not assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
212	Hesperiidae	*Pelopidas agna agna*	Bengal Swift	Not Assessed	Endangered	Yes	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
213	Hesperiidae	*Pelopidas assamensis*	Great Swift	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
214	Hesperiidae	*Pelopidas conjunctus conjunctus*	Conjoined Swift	Not Assessed	Not assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
215	Hesperiidae	*Pelopidas mathias mathias*	Small Branded Swift	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
216	Hesperiidae	*Pemara pugnans*	Pugnacious Lancer	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
217	Hesperiidae	*Plastingia naga*	Chequered Lancer	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
218	Hesperiidae	*Plastingia pellonia*	Yellow Chequered Lancer	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
219	Hesperiidae	*Polytremis lubricans lubricans*	Contiguous Swift	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
220	Hesperiidae	*Potanthus omaha omaha*	Lesser Dart	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
221	Hesperiidae	*Potanthus serina*	Large Dart	Not Assessed	Not assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
222	Hesperiidae	*Potanthus trachala tytleri*	Detached Dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
223	Hesperiidae	*Pseudocoladenia dan dhyana*	Fulvous Pied Flat	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
224	Hesperiidae	*Pyroneura latoia latoia*	Yellow Vein Lancer	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
225	Hesperiidae	*Quedara monteithi monteithi*	N/A	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
226	Hesperiidae	*Suastus everyx everyx*	White Palm Bob	Not Assessed	Endangered	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
227	Hesperiidae	*Suastus gremius gremius*	Palm Bob	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
228	Hesperiidae	*Tagiades calligana*	Malayan Snow Flat	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
229	Hesperiidae	*Tagiades gana gana*	Large Snow Flat	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
230	Hesperiidae	*Tagiades japetus atticus*	Common Snow Flat	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
231	Hesperiidae	*Tagiades ultra*	Ultra Snow Flat	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008; Jain et al. 2018)	Species of Conservation Significance	Distribution/Rarity (Khew, 2015)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
232	Hesperiidae	*Tapena thwaitesi bornea*	Dark Flat	Not Assessed	Endangered	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
233	Hesperiidae	*Taractrocera archias quinta*	Yellow Grass Dart	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
234	Hesperiidae	*Taractrocera ardonia lamia*	Spotted Grass Dart	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
235	Hesperiidae	*Telicota augias augias*	Pale Palm Dart	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
236	Hesperiidae	*Telicota besta bina*	Besta Palm Dart	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
237	Hesperiidae	*Telicota colon stinga*	Common Palm Dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
238	Hesperiidae	*Telicota linna*	Linna Palm Dart	Not Assessed	Not assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
239	Hesperiidae	*Udaspes folus*	Grass Demon	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
240	Hesperiidae	*Unkana ambasa batara*	Hoary Palmer	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
241	Hesperiidae	*Zela storeyi*	Storey's Palmer	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
242	Hesperiidae	*Zographetus doxus*	Spotted Flitter	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
243	Hesperiidae	*Zographetus ogygia ogygia*	Purple Spotted Flitter	Not Assessed	Not Assessed	No	N/A	Yes	No			Priority 1	Priority 1	Windsor
244	Lycaenidae	*Acytolepis puspa lambi*	Common Hedge Blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
245	Lycaenidae	*Allotinus unicolor unicolor*	Lesser Darkwing	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
246	Lycaenidae	*Anthene emolus goberus*	Ciliate Blue	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
247	Lycaenidae	*Anthene lycaenina miya*	Pointed Ciliate Blue	Not Assessed	Not Assessed	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
248	Lycaenidae	*Arhopala abseus abseus*	Aberrant Oakblue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
249	Lycaenidae	*Arhopala aedias agnis*	Large Metallic Oakblue	Not Assessed	Data Deficient	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
250	Lycaenidae	*Arhopala alitaeus pardenas*	Purple Broken-Band Oakblue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
251	Lycaenidae	*Arhopala ammon ammon*	N/A	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
252	Lycaenidae	*Arhopala amphimuta amphimuta*	N/A	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
253	Lycaenidae	*Arhopala antimuta antimuta*	Small Tailless Oakblue	Not Assessed	Nationally Extinct	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
254	Lycaenidae	*Arhopala athada athada*	Vinous Oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
255	Lycaenidae	*Arhopala atosia malayana*	Tailed Disc Oakblue	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
256	Lycaenidae	*Arhopala aurea*	N/A	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
257	Lycaenidae	*Arhopala centaurus nakula*	Centaur Oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
258	Lycaenidae	*Arhopala epimuta epiala*	Common Disc Oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
259	Lycaenidae	*Arhopala eumolphus maxwelli*	Green Oakblue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
260	Lycaenidae	*Arhopala major major*	N/A	Not Assessed	Data Deficient	No	Common	Yes	No			Priority 1	Priority 1	Windsor
261	Lycaenidae	*Arhopala muta maranda*	Mutal Oakblue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
262	Lycaenidae	*Arhopala myrzala lammas*	Malayan Oakblue	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
263	Lycaenidae	*Arhopala pseudomuta pseudomuta*	Raffles' Oakblue	Not Assessed	Nationally Extinct	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
264	Lycaenidae	*Arhopala silhetensis adorea*	Sylhet Oakblue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
265	Lycaenidae	*Arhopala sublustis ridleyi*	N/A	Not Assessed	Not Assessed	No	N/A	Yes	No			Priority 1	Priority 1	Windsor
266	Lycaenidae	*Arhopala trogon*	N/A	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
267	Lycaenidae	*Bindahara phocides phocides*	Plane	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
268	Lycaenidae	*Caleta elna elvira*	Elbowed Pierrot	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
269	Lycaenidae	*Castalius rosimon rosimon*	Common Pierrot	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
270	Lycaenidae	*Catochrysops panormus exiguus*	Silver Forget-Me-Not	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
271	Lycaenidae	*Catochrysops strabo strabo*	Forget-Me-Not	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
272	Lycaenidae	*Catopyrops ancyra*	Ancyra Blue	Not Assessed	Vulnerable	Yes	Moderately rare	Yes	Yes			Priority 1	Priority 1	Windsor
273	Lycaenidae	*Cheritra freja frigga*	Common Imperial	Least Concern	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
274	Lycaenidae	*Chilades pandava pandava*	Cycad Blue	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
275	Lycaenidae	*Curetis santana malayica*	Malayan Sunbeam	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
276	Lycaenidae	*Curetis saronis sumatrana*	Sumatran Sunbeam	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
277	Lycaenidae	*Deudorix epijarbas cinnabarus*	Cornelian	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
278	Lycaenidae	*Drupadia ravindra moorei*	Common Posy	Not Assessed	Not Assessed	Yes	Common	Yes	No			Priority 1	Priority 1	Windsor
279	Lycaenidae	*Drupadia rufotaenia rufotaenia*	Pygmy Posy	Not Assessed	Critically Endangered	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
280	Lycaenidae	*Drupadia theda thesmia*	Dark Posy	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
281	Lycaenidae	*Eooxylides tharis distanti*	Branded Imperial	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
282	Lycaenidae	*Euchrysops cnejus cnejus*	Gram Blue	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
283	Lycaenidae	*Everes lacturnus rileyi*	Indian Cupid	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
284	Lycaenidae	*Flos anniella anniella*	Darky Plushblue	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
285	Lycaenidae	*Flos apidanus saturatus*	Plain Plushblue	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
286	Lycaenidae	*Flos diardi capeta*	Bifid Plushblue	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
287	Lycaenidae	*Flos fulgida singhapura*	Shining Plushblue	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
288	Lycaenidae	*Horaga syrinx maenala*	Ambon Onyx	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
289	Lycaenidae	*Hypolycaena erylus teatus*	Common Tit	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
290	Lycaenidae	*Hypolycaena thecloides thecloides*	Dark Tit	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
291	Lycaenidae	*Ionolyce helicon merguiana*	Pointed Line Blue	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
292	Lycaenidae	*Iraota distanti distanti*	Spotted Silverstreak	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
293	Lycaenidae	*Iraota rochana boswelliana*	Scarce Silverstreak	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
294	Lycaenidae	*Jacoona anasuja anasuja*	Great Imperial	Not Assessed	Data Deficient	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
295	Lycaenidae	*Jamides alecto ageladas*	Metallic Caerulean	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	Yes			Priority 1	Priority 1	Windsor
296	Lycaenidae	*Jamides bochus nabonassar*	Dark Caerulean	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
297	Lycaenidae	*Jamides caeruleus caeruleus*	Sky Blue	Not Assessed	Data Deficient	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
298	Lycaenidae	*Jamides celeno aelianus*	Common Caerulean	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
299	Lycaenidae	*Jamides elpis pseudelpis*	Glistening Caerulean	Not Assessed	Data Deficient	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
300	Lycaenidae	*Lampides boeticus*	Pea Blue	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
301	Lycaenidae	*Liphyra brassolis abbreviata*	Moth Butterfly	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
302	Lycaenidae	*Logania marmorata damis*	Pale Mottle	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
303	Lycaenidae	*Loxura atymnus fuconius*	Yamfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
304	Lycaenidae	*Manto hypoleuca terana*	Green Imperial	Not Assessed	Nationally Extinct	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
305	Lycaenidae	*Megisba malaya sikkima*	Malayan	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
306	Lycaenidae	*Miletus biggsii biggsii*	Bigg's Brownwing	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
307	Lycaenidae	*Miletus gopara gopara*	N/A	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
308	Lycaenidae	*Miletus symethus petronius*	Blue Brownwing/Great Brownie	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008; Jain et al. 2018)	Species of Conservation Significance	Distribution/Rarity (Khew, 2015)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
309	Lycaenidae	*Nacaduba berenice icena*	Rounded Sixline Blue	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
310	Lycaenidae	*Nacaduba beroe neon*	Opaque Sixline Blue	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
311	Lycaenidae	*Nacaduba biocellata*	Two Spotted Line Blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
312	Lycaenidae	*Nacaduba calauria malayica*	Dark Malayan Sixline Blue	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
313	Lycaenidae	*Nacaduba hermus*	Pale Fourline Blue	Not Assessed	Not Assessed	No	N/A	Yes	No			Priority 1	Priority 1	Windsor
314	Lycaenidae	*Nacaduba kurava nemana*	Transparent Sixline Blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
315	Lycaenidae	*Nacaduba pactolus odon*	Large Fourline Blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
316	Lycaenidae	*Nacaduba sanaya elioti*	Jewel Fourline Blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
317	Lycaenidae	*Neocheritra amrita amrita*	Grand Imperial	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
318	Lycaenidae	*Neopithecops zalmora zalmora*	Quaker	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
319	Lycaenidae	*Petrelaea dana*	Dingy Line Blue	Not Assessed	Not Assessed	Yes	Moderately rare	Yes	Yes			Priority 1	Priority 1	Windsor
320	Lycaenidae	*Poritia philota philota*	Malay Gem	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
321	Lycaenidae	*Poritia sumatrae sumatrae*	Sumatran Gem	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
322	Lycaenidae	*Pratapa deva relata*	White Royal	Not Assessed	Critically Endangered	Yes	Moderately rare	Yes	Yes			Priority 1	Priority 1	Windsor
323	Lycaenidae	*Prosotas aluta nanda*	Barred Line Blue	Not Assessed	Not assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
324	Lycaenidae	*Prosotas dubiosa lumpura*	Tailless Line Blue	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
325	Lycaenidae	*Prosotas lutea sivoka*	Banded Line Blue	Not Assessed	Not assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
326	Lycaenidae	*Prosotas nora superdates*	Common Line Blue	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
327	Lycaenidae	*Pseudotajuria donatana donatana*	Golden Royal	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
328	Lycaenidae	*Rachana jalindra burbona*	Banded Royal	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
329	Lycaenidae	*Rapala dieneces dieneces*	Scarlet Flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
330	Lycaenidae	*Rapala domitia domitia*	Yellow Flash	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
331	Lycaenidae	*Rapala iarbus iarbus*	Common Red Flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
332	Lycaenidae	*Rapala manea chozeba*	Slate Flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
333	Lycaenidae	*Rapala pheretima sequeira*	Copper Flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
334	Lycaenidae	*Rapala suffusa barthema*	Suffused Flash	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
335	Lycaenidae	*Rapala varuna orseis*	Indigo Flash	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
336	Lycaenidae	*Remelana jangala travana*	Chocolate Royal	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
337	Lycaenidae	*Semanga superba deliciosa*	N/A	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes			Priority 1	Priority 1	Windsor
338	Lycaenidae	*Sinthusa nasaka amba*	Narrow Spark	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
339	Lycaenidae	*Spalgis epius epius*	Apefly	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
340	Lycaenidae	*Spindasis lohita senama*	Long Banded Silverline	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
341	Lycaenidae	*Spindasis syama terana*	Club Silverline	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
342	Lycaenidae	*Surendra vivarna amisena*	Acacia Blue	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
343	Lycaenidae	*Tajuria cippus maxentius*	Peacock Royal	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
344	Lycaenidae	*Tajuria dominus dominus*	N/A	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
345	Lycaenidae	*Tajuria mantra mantra*	Felder's Royal	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
346	Lycaenidae	*Virachola kessuma deliochus*	Pitcher Blue	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
347	Lycaenidae	*Zeltus amasa maximinianus*	Fluffy Tit	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
348	Lycaenidae	*Zizeeria maha serica*	Pale Grass Blue	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
349	Lycaenidae	*Zizina otis lampa*	Lesser Grass Blue	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
350	Lycaenidae	*Zizula hylax pygmaea*	Pygmy Grass Blue	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
351	Nymphalidae	*Acraea terpsicore*	Tawny Coster	Not Assessed	Not assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
352	Nymphalidae	*Amathusia phidippus phidippus*	Palm King	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
353	Nymphalidae	*Ariadne ariadne ariadne*	Angled Castor	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
354	Nymphalidae	*Athyma asura idita*	Studded Sergeant	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
355	Nymphalidae	*Athyma kanwa kanwa*	Dot-Dash Sergeant	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
356	Nymphalidae	*Athyma nefte subrata*	Colour Sergeant	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
357	Nymphalidae	*Athyma pravara helma*	Lance Sergeant	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
358	Nymphalidae	*Athyma reta moorei*	Malay Staff Sergeant	Not Assessed	Not Assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
359	Nymphalidae	*Cethosia cyane*	Leopard Lacewing	Not Assessed	Not assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
360	Nymphalidae	*Cethosia hypsea hypsina*	Malay Lacewing	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
361	Nymphalidae	*Cethosia methypsea methypsea*	Plain Lacewing	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
362	Nymphalidae	*Charaxes solon echo*	Black Rajah	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
363	Nymphalidae	*Chersonesia peraka peraka*	Little Maplet	Not Assessed	Vulnerable	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
364	Nymphalidae	*Cirrochroa emalea emalea*	Malay Yeoman	Not Assessed	Not assessed	No	Rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
365	Nymphalidae	*Cirrochroa orissa orissa*	Banded Yeoman	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
366	Nymphalidae	*Cirrochroa tyche rotundata*	Common Yeoman	Not Assessed	Not assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
367	Nymphalidae	*Cupha erymanthis lotis*	Rustic	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
368	Nymphalidae	*Danaus chrysippus chrysippus*	Plain Tiger	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
369	Nymphalidae	*Danaus genutia genutia*	Common Tiger	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
370	Nymphalidae	*Danaus melanippus hegesippus*	Black Veined Tiger	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
371	Nymphalidae	*Discophora sondaica despoliata*	Common Duffer	Not Assessed	Critically Endangered	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
372	Nymphalidae	*Doleschallia bisaltide bisaltide*	Autumn Leaf	Not Assessed	Not assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
373	Nymphalidae	*Doleschallia bisaltide pratipa*	Autumn Leaf	Not Assessed	Not assessed	No	Very rare	Yes	No			Priority 1	Priority 1	Windsor
374	Nymphalidae	*Elymnias hypermnestra agina*	Common Palmfly	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
375	Nymphalidae	*Elymnias panthera panthera*	Tawny Palmfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
376	Nymphalidae	*Eulaceura osteria kumana*	Purple Duke	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
377	Nymphalidae	*Euploea camaralzeman malayica*	Malayan Crow	Not Assessed	Critically Endangered	Yes	Very rare/possiby extinct	Yes	No			Priority 1	Priority 1	Windsor
378	Nymphalidae	*Euploea crameri bremeri*	Spotted Black Crow	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
379	Nymphalidae	*Euploea eyndhovii gardineri*	Striped Black Crow	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
380	Nymphalidae	*Euploea midamus singapura*	Blue Spotted Crow	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
381	Nymphalidae	*Euploea mulciber mulciber*	Striped Blue Crow	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
382	Nymphalidae	*Euploea phaenareta castelnaui*	King Crow	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
383	Nymphalidae	*Euploea radamanthus radamanthus*	Magpie Crow	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
384	Nymphalidae	*Euploea tulliolus ledereri*	Dwarf Crow	Not Assessed	Endangered	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
385	Nymphalidae	*Euripus nyctelius euploeoides*	Courtesan	Not Assessed	Critically Endangered	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor

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386	Nymphalidae	*Euthalia aconthea gurda*	Baron	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
387	Nymphalidae	*Euthalia adonia pinwilli*	Green Baron	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
388	Nymphalidae	*Euthalia merta merta*	White Tipped Baron	Not Assessed	Critically Endangered	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
389	Nymphalidae	*Euthalia monina monina*	Malay Baron	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
390	Nymphalidae	*Faunis canens arcesilas*	Common Faun	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
391	Nymphalidae	*Hypolimnas anomala anomala*	Malayan Eggfly	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
392	Nymphalidae	*Hypolimnas bolina bolina*	Great Eggfly	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
393	Nymphalidae	*Hypolimnas bolina jacintha*	Jacintha Eggfly	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
394	Nymphalidae	*Idea stolli logani*	Common Tree Nymph	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
395	Nymphalidae	*Ideopsis vulgaris macrina*	Blue Glassy Tiger	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
396	Nymphalidae	*Junonia almana javana*	Peacock Pansy	Least Concern	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
397	Nymphalidae	*Junonia atlites atlites*	Grey Pansy	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
398	Nymphalidae	*Junonia hedonia ida*	Chocolate Pansy	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
399	Nymphalidae	*Junonia orithya wallacei*	Blue Pansy	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
400	Nymphalidae	*Lasippa heliodore dorelia*	Burmese Lascar	Not Assessed	Data Deficient	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
401	Nymphalidae	*Lasippa tiga siaka*	Malayan Lascar	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
402	Nymphalidae	*Lasippa sp.*	Lascar	N.A	N.A	N.A	N.A	N.A	Yes			Priority 1	Priority 1	Windsor
403	Nymphalidae	*Lebadea martha malayana*	Knight	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
404	Nymphalidae	*Lebadea martha parkeri*	Knight	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
405	Nymphalidae	*Lethe europa malaya*	Bamboo Tree Brown	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
406	Nymphalidae	*Lexias canescens pardalina*	Yellow Archduke	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
407	Nymphalidae	*Lexias dirtea merguia*	Dark Archduke	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
408	Nymphalidae	*Lexias pardalis dirteana*	Archduke	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
409	Nymphalidae	*Melanitis leda leda*	Common Evening Brown	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
410	Nymphalidae	*Moduza procris milonia*	Commander	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
411	Nymphalidae	*Mycalesis fusca fusca*	Malayan Bush Brown	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
412	Nymphalidae	*Mycalesis mineus macromalayana*	Dark Brand Bush Brown	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
413	Nymphalidae	*Mycalesis orseis nautilus*	Purple Bush Brown	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
414	Nymphalidae	*Mycalesis perseoides perseoides*	Burmese Bush Brown	Not Assessed	Data Deficient	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
415	Nymphalidae	*Mycalesis perseus cepheus*	Dingy Bush Brown	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
416	Nymphalidae	*Mycalesis visala phamis*	Long Brand Bush Brown	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
417	Nymphalidae	*Neptis harita harita*	Chocolate Sailor	Not Assessed	Vulnerable	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
418	Nymphalidae	*Neptis hylas papaja*	Common Sailor	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
419	Nymphalidae	*Neptis leucoporos cresina*	Burmese Sailor	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
420	Nymphalidae	*Orsotriaena medus cinerea*	Dark Grass Brown	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
421	Nymphalidae	*Pandita sinope sinope*	Colonel	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
422	Nymphalidae	*Pantoporia hordonia hordonia*	Common Lascar	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
423	Nymphalidae	*Pantoporia paraka paraka*	Perak Lascar	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
424	Nymphalidae	*Parantica agleoides agleoides*	Dark Glassy Tiger	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
425	Nymphalidae	*Phaedyma columella singa*	Short Banded Sailor	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
426	Nymphalidae	*Phalanta phalantha phalantha*	Leopard	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
427	Nymphalidae	*Polyura hebe plautus*	Plain Nawab	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
428	Nymphalidae	*Polyura schreiber tisamenus*	Blue Nawab	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
429	Nymphalidae	*Symbrenthia hippoclus selangorana*	Malayan Jester	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
430	Nymphalidae	*Tanaecia iapis puseda*	Horsfield's Baron	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
431	Nymphalidae	*Tanaecia pelea pelea*	Malay Viscount	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
432	Nymphalidae	*Terinos terpander robertsia*	Royal Assyrian	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
433	Nymphalidae	*Thaumantis klugius lucipor*	Dark Blue Jungle Glory	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
434	Nymphalidae	*Thaumantis noureddin noureddin*	Dark Jungle Glory	Not Assessed	Not Assessed	No	Seasonal migrant	Yes	No			Priority 1	Priority 1	Windsor
435	Nymphalidae	*Vindula dejone erotella*	Cruiser	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
436	Nymphalidae	*Ypthima baldus newboldi*	Common Five-Ring	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
437	Nymphalidae	*Ypthima fasciata torone*	Malayan Six-Ring	Not Assessed	Nationally Extinct	Yes	Very rare	Yes	No			Priority 1	Priority 1	Windsor
438	Nymphalidae	*Ypthima horsfieldii humei*	Malayan Five-Ring	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
439	Nymphalidae	*Ypthima huebneri*	Common Four-Ring	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
440	Nymphalidae	*Ypthima pandocus corticaria*	Common Three-Ring	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
441	Nymphalidae	*Zeuxidia amethystus amethystus*	Saturn	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
442	Papilionidae	*Chilasa clytia clytia*	Common Mime	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
443	Papilionidae	*Graphium agamemnon agamemnon*	Tailed Jay	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
444	Papilionidae	*Graphium antiphates itamputi*	Fivebar Swordtail	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
445	Papilionidae	*Graphium bathycles bathycloides*	Striped Jay	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
446	Papilionidae	*Graphium doson evemonides*	Common Jay	Not Assessed	Critically Endangered	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
447	Papilionidae	*Graphium eurypylus mecisteus*	Great Jay	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
448	Papilionidae	*Graphium evemon eventus*	Lesser Jay (Blue Jay)	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
449	Papilionidae	*Graphium sarpedon luctatius*	Common Bluebottle	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
450	Papilionidae	*Pachliopta aristolochiae asteris*	Common Rose	Not Assessed	Vulnerable	Yes	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
451	Papilionidae	*Papilio demoleus malayanus*	Lime Butterfly	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
452	Papilionidae	*Papilio demolion demolion*	Banded Swallowtail	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
453	Papilionidae	*Papilio iswara iswara*	Great Helen	Not Assessed	Not Assessed	No	Moderately rare	Yes	Yes			Priority 1	Priority 1	Windsor
454	Papilionidae	*Papilio memnon agenor*	Great Mormon	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
455	Papilionidae	*Papilio polytes romulus*	Common Mormon	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
456	Papilionidae	*Papilio prexaspes prexaspes*	Blue Helen	Not Assessed	Vulnerable	Yes	Rare	Yes	No			Priority 1	Priority 1	Windsor
457	Papilionidae	*Troides helena cerberus*	Common Birdwing	(Appendix II)	Vulnerable	Yes	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
458	Pieridae	*Abisara geza niya*	Spotted Judy	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
459	Pieridae	*Appias indra plana*	Plain Puffin	Not Assessed	Not assessed	No	Very rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
460	Pieridae	*Appias libythea olferna*	Striped Albatross	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
461	Pieridae	*Appias lyncida vasava*	Chocolate Albatross	Not Assessed	Not Assessed	No	Rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
462	Pieridae	*Catopsilia pomona pomona*	Lemon Emigrant	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008; Jain et al. 2018)	Species of Conservation Significance	Distribution/Rarity (Khew, 2015)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
463	Pieridae	*Catopsilia pyranthe pyranthe*	Mottled Emigrant	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
464	Pieridae	*Catopsilia scylla cornelia*	Orange Emigrant	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
465	Pieridae	*Delias hyparete metarete*	Painted Jezebel	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
466	Pieridae	*Delias pasithoe parthenope*	Red Base Jezebel	Not Assessed	Nationally Extinct	Yes	Very rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
467	Pieridae	*Eurema andersonii andersonii*	Anderson's Grass Yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
468	Pieridae	*Eurema blanda snelleni*	Three Spot Grass Yellow	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
469	Pieridae	*Eurema brigitta senna*	No Brand Grass Yellow	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Very rare	Yes	Yes		CRL Report	Priority 1	Priority 1	Windsor
470	Pieridae	*Eurema hecabe contubernalis*	Common Grass Yellow	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
471	Pieridae	*Eurema sari sodalis*	Chocolate Grass Yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	Yes			Priority 1	Priority 1	Windsor
472	Pieridae	*Eurema simulatrix tecmessa*	Forest Grass Yellow	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
473	Pieridae	*Gandaca harina distanti*	Tree Yellow	Not Assessed	Not Assessed	No	Common	Yes	No			Priority 1	Priority 1	Windsor
474	Pieridae	*Leptosia nina malayana*	Psyche	Not Assessed	Not Assessed	No	Common	Yes	Yes			Priority 1	Priority 1	Windsor
475	Pieridae	*Pieris canidia canidia*	Cabbage White	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
476	Pieridae	*Prioneris philonome themana*	Redspot Sawtooth	Not Assessed	Not assessed	No	Rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
477	Pieridae	*Saletara liberia distanti*	Malaysian Albatross	Not Assessed	Data Deficient	No	Very rare (seasonal migrant)	Yes	No			Priority 1	Priority 1	Windsor
478	Riodinidae	*Abisara saturata kausambioides*	Malayan Plum Judy	Not Assessed	Not Assessed	No	Moderately common	Yes	No			Priority 1	Priority 1	Windsor
479	Riodinidae	*Abisara savitri savitri*	Malay Tailed Judy	Not Assessed	Not Assessed	No	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
480	Riodinidae	*Laxita thuisto thuisto*	Lesser Harlequin	Not Assessed	Not Assessed	No	Rare	Yes	No			Priority 1	Priority 1	Windsor
481	Riodinidae	*Taxila haquinus haquinus*	Harlequin	Not Assessed	Endangered	Yes	Moderately rare	Yes	No			Priority 1	Priority 1	Windsor
482	Hesperiidae	*Ampittia dioscorides camertes*	Bush hopper	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
483	Hesperiidae	*Ancistroides nigrita maura*	Chocolate demon	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
484	Hesperiidae	*Astictopterus jama jama*	Forest hopper	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
485	Hesperiidae	*Baoris farri farri*	Bamboo paintbrush swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
486	Hesperiidae	*Baoris oceia*	Paintbrush swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
487	Hesperiidae	*Borbo cinnara*	Formosan swift	Not Assessed	Endangered	Yes	Moderately common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
488	Hesperiidae	*Bibasis etelka*	Great orange awlet	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
489	Hesperiidae	*Bibasis harisa consobrina*	Orange awlet	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
490	Hesperiidae	*Caltoris cormasa*	Full stop swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
491	Hesperiidae	*Cephrenes acalle niasicus*	Plain palm dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
492	Hesperiidae	*Cephrenes trichopepla*	Yellow palm dart	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
493	Hesperiidae	*Erionota acroleuca apicalis*	White tipped banana skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
494	Hesperiidae	*Erionota thrax thrax*	Banana skipper	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
495	Hesperiidae	*Erionota torus*	Torus skipper	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
496	Hesperiidae	*Halpe ormenes vilasina*	Dark banded ace	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
497	Hesperiidae	*Hasora badra badra*	Common awl	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
498	Hesperiidae	*Hasora chromus chromus*	Common banded awl	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
499	Hesperiidae	*Hasora vitta vitta*	Plain banded awl	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
500	Hesperiidae	*Hidari irava*	Coconut skipper	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
501	Hesperiidae	*Iambrix salsala salsala*	Chestnut bob	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
502	Hesperiidae	*Iambrix stellifer*	Starry bob	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
503	Hesperiidae	*Matapa aria*	Common redeye	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
504	Hesperiidae	*Notocrypta paralysos varians*	Banded demon	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
505	Hesperiidae	*Oriens gola pseudolus*	Common dartlet	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
506	Hesperiidae	*Oriens paragola*	Malay dartlet	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
507	Hesperiidae	*Pelopidas agna agna*	Bengal swift	Not Assessed	Endangered	Yes	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
508	Hesperiidae	*Pelopidas assamensis*	Great swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
509	Hesperiidae	*Pelopidas conjunctus conjunctus*	Conjoined swift	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
510	Hesperiidae	*Pelopidas mathias mathias*	Small branded swift	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
511	Hesperiidae	*Plastingia naga*	Chequered lancer	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
512	Hesperiidae	*Polytremis lubricans lubricans*	Contiguous swift	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
513	Hesperiidae	*Potanthus ganda*	NA	Not Assessed	Not Assessed	No	NA	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
514	Hesperiidae	*Potanthus omaha omaha*	Lesser dart	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
515	Hesperiidae	*Potanthus serina*	Large dart	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
516	Hesperiidae	*Potanthus trachala tytleri*	Detached dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
517	Hesperiidae	*Pyroneura latoia latoia*	Yellow vein lancer	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
518	Hesperiidae	*Suastus gremius gremius*	Palm bob	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
519	Hesperiidae	*Tagiades japetus atticus*	Common snow flat	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
520	Hesperiidae	*Taractrocera archias quinta*	Yellow grass dart	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
521	Hesperiidae	*Taractrocera ardonia lamia*	Spotted grass dart	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
522	Hesperiidae	*Telicota augias augias*	Pale palm dart	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
523	Hesperiidae	*Telicota besta bina*	Besta palm dart	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
524	Hesperiidae	*Telicota colon stinga*	Common palm dart	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
525	Hesperiidae	*Udaspes folus*	Grass demon	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
526	Hesperiidae	*Zographetus doxus*	Spotted flitter	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
527	Lycaenidae	*Acytolepis puspa lambi*	Common hedge blue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
528	Lycaenidae	*Allotinus unicolor unicolor*	Lesser darkwing	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
529	Lycaenidae	*Anthene emolus goberus*	Ciliate blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
530	Lycaenidae	*Anthene lycaenina miya*	Pointed ciliate blue	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
531	Lycaenidae	*Arhopala amphimuta amphimuta*	NA	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
532	Lycaenidae	*Arhopala centaurus nakula*	Centaur oakblue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
533	Lycaenidae	*Arhopala major major*	NA	Not Assessed	Data Deficient	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
534	Lycaenidae	*Catochrysops panormus exiguus*	Silver forget-me-not	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
535	Lycaenidae	*Catochrysops strabo strabo*	Forget-me-not	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
536	Lycaenidae	*Catopyrops ancyra*	Ancyra blue	Not Assessed	Vulnerable	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
537	Lycaenidae	*Chilades pandava pandava*	Cycad blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
538	Lycaenidae	*Curetis saronis sumatrana*	Sumatran sunbeam	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
539	Lycaenidae	*Drupadia ravindra moorei*	Common posy	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008; Jain et al. 2018)	Species of Conservation Significance	Distribution/Rarity (Khew, 2015)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
540	Lycaenidae	*Eooxylides tharis distanti*	Branded imperial	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
541	Lycaenidae	*Euchrysops cnejus cnejus*	Gram blue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
542	Lycaenidae	*Everes lacturnus rileyi*	Indian cupid	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
543	Lycaenidae	*Flos apidanus saturatus*	Plain plushblue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
544	Lycaenidae	*Hypolycaena erylus teatus*	Common tit	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
545	Lycaenidae	*Hypolycaena thecloides thecloides*	Dark tit	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
546	Lycaenidae	*Ionolyce helicon merguiana*	Pointed line blue	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
547	Lycaenidae	*Iraota rochana boswelliana*	Scarce silverstreak	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
548	Lycaenidae	*Jamides alecto ageladas*	Metallic caerulean	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
549	Lycaenidae	*Jamides bochus nabonassar*	Dark caerulean	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
550	Lycaenidae	*Jamides celeno aelianus*	Common caerulean	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
551	Lycaenidae	*Lampides boeticus*	Pea blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
552	Lycaenidae	*Logania marmorata damis*	Pale mottle	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
553	Lycaenidae	*Loxura atymnus fuconius*	Yamfly	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
554	Lycaenidae	*Megisba malaya sikkima*	Malayan	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
555	Lycaenidae	*Miletus biggsii biggsii*	Bigg's brownwing	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
556	Lycaenidae	*Miletus symethus petronius*	Blue brownwing/great brownie	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
557	Lycaenidae	*Nacaduba berenice icena*	Rounded sixline blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
558	Lycaenidae	*Nacaduba beroe neon*	Opaque sixline blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
559	Lycaenidae	*Nacaduba biocellata*	Two spotted line blue	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
560	Lycaenidae	*Nacaduba kurava nemana*	Transparent sixline blue	Not Assessed	Nationally Extinct (Rediscovered)	Yes	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
561	Lycaenidae	*Petrelaea dana dana*	Dingy line blue	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
562	Lycaenidae	*Prosotas dubiosa lumpura*	Tailless line blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
563	Lycaenidae	*Prosotas nora superdates*	Common line blue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
564	Lycaenidae	*Rapala dieneces dieneces*	Scarlet flash	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
565	Lycaenidae	*Rapala iarbus iarbus*	Common red flash	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
566	Lycaenidae	*Rapala manea chozeba*	Slate flash	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
567	Lycaenidae	*Rapala pheretima sequeira*	Copper flash	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
568	Lycaenidae	*Rapala suffusa barthema*	Suffused flash	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
569	Lycaenidae	*Rapala varuna orseis*	Indigo flash	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
570	Lycaenidae	*Semanga superba deliciosa*	NA	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
571	Lycaenidae	*Spalgis epius epius*	Apefly	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
572	Lycaenidae	*Spindasis lohita senama*	Long banded silverline	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
573	Lycaenidae	*Spindasis syama terana*	Club silverline	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
574	Lycaenidae	*Surendra vivarna amisena*	Acacia blue	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
575	Lycaenidae	*Tajuria cippus maxentius*	Peacock royal	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
576	Lycaenidae	*Virachola kessuma deliochus*	Pitcher blue	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
577	Lycaenidae	*Zeltus amasa maximinianus*	Fluffy tit	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
578	Lycaenidae	*Zizeeria maha serica*	Pale grass blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
579	Lycaenidae	*Zizina otis lampa*	Lesser grass blue	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
580	Lycaenidae	*Zizula hylax pygmaea*	Pygmy grass blue	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
581	Nymphalidae	*Acraea terpsicore*	Tawny coster	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
582	Nymphalidae	*Amathusia phidippus phidippus*	Palm king	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
583	Nymphalidae	*Athyma kanwa kanwa*	Dot-dash sergeant	Not Assessed	Not Assessed	No	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
584	Nymphalidae	*Athyma nefte subrata*	Colour sergeant	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
585	Nymphalidae	*Cethosia cyane*	Leopard lacewing	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
586	Nymphalidae	*Cupha erymanthis lotis*	Rustic	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
587	Nymphalidae	*Danaus chrysippus chrysippus*	Plain tiger	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
588	Nymphalidae	*Doleschallia bisaltide bisaltide*	Autumn leaf	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
589	Nymphalidae	*Elymnias hypermnestra agina*	Common palmfly	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
590	Nymphalidae	*Elymnias panthera panthera*	Tawny palmfly	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
591	Nymphalidae	*Euploea midamus singapura*	Blue spotted crow	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
592	Nymphalidae	*Euploea mulciber mulciber*	Striped blue crow	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
593	Nymphalidae	*Euripus nyctelius euploeoides*	Courtesan	Not Assessed	Critically Endangered	Yes	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
594	Nymphalidae	*Euthalia aconthea gurda*	Baron	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
595	Nymphalidae	*Euthalia adonia pinwilli*	Green baron	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
596	Nymphalidae	*Euthalia monina monina*	Malay baron	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
597	Nymphalidae	*Faunis canens arcesilas*	Common faun	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
598	Nymphalidae	*Hypolimnas anomala anomala*	Malayan eggfly	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
599	Nymphalidae	*Hypolimnas bolina bolina*	Great eggfly	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
600	Nymphalidae	*Hypolimnas bolina jacintha*	Jacintha eggfly	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
601	Nymphalidae	*Ideopsis vulgaris macrina*	Blue glassy tiger	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
602	Nymphalidae	*Junonia almana javana*	Peacock pansy	Least Concern	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
603	Nymphalidae	*Junonia atlites atlites*	Grey pansy	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
604	Nymphalidae	*Junonia hedonia ida*	Chocolate pansy	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
605	Nymphalidae	*Junonia orithya wallacei*	Blue pansy	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
606	Nymphalidae	*Lasippa heliodore dorelia*	Burmese lascar	Not Assessed	Data Deficient	No	Rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
607	Nymphalidae	*Lasippa tiga siaka*	Malayan lascar	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
608	Nymphalidae	*Lethe europa malaya*	Bamboo tree brown	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
609	Nymphalidae	*Lexias pardalis dirteana*	Archduke	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
610	Nymphalidae	*Melanitis leda leda*	Common evening brown	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
611	Nymphalidae	*Moduza procris milonia*	Commander	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
612	Nymphalidae	*Mycalesis mineus macromalayana*	Dark brand bush brown	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
613	Nymphalidae	*Mycalesis perseoides perseoides*	Burmese bush brown	Not Assessed	Data Deficient	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
614	Nymphalidae	*Mycalesis perseus cepheus*	Dingy bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
615	Nymphalidae	*Mycalesis visala phamis*	Long brand bush brown	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
616	Nymphalidae	*Neptis hylas papaja*	Common sailor	Not Assessed	Not Assessed	No	Moderately common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008; Jain et al. 2018)	Species of Conservation Significance	Distribution/Rarity (Khew, 2015)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
617	Nymphalidae	*Orsotriaena medus cinerea*	Dark grass brown	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
618	Nymphalidae	*Pantoporia hordonia hordonia*	Common lascar	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
619	Nymphalidae	*Parantica agleoides agleoides*	Dark glassy tiger	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
620	Nymphalidae	*Phaedyma columella singa*	Short banded sailor	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
621	Nymphalidae	*Phalanta phalantha phalantha*	Leopard	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
622	Nymphalidae	*Polyura hebe plautus*	Plain nawab	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
623	Nymphalidae	*Polyura schreiber tisamenus*	Blue nawab	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
624	Nymphalidae	*Symbrenthia hippoclus selangorana*	Malayan jester	Not Assessed	Not Assessed	Yes	Very rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
625	Nymphalidae	*Tanaecia iapis puseda*	Horsfield's baron	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
626	Nymphalidae	*Tanaecia pelea pelea*	Malay viscount	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
627	Nymphalidae	*Vindula dejone erotella*	Cruiser	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
628	Nymphalidae	*Ypthima baldus newboldi*	Common five-ring	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
629	Nymphalidae	*Ypthima horsfieldii humei*	Malayan five-ring	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
630	Nymphalidae	*Ypthima huebneri*	Common four-ring	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
631	Nymphalidae	*Ypthima pandocus corticaria*	Common three-ring	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
632	Nymphalidae	*Zeuxidia amethystus amethystus*	Saturn	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
633	Papilionidae	*Chilasa clytia clytia*	Common mime	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
634	Papilionidae	*Graphium agamemnon agamemnon*	Tailed jay	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
635	Papilionidae	*Graphium sarpedon luctatius*	Common bluebottle	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
636	Papilionidae	*Pachliopta aristolochiae asteris*	Common rose	Not Assessed	Vulnerable	Yes	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
637	Papilionidae	*Papilio demoleus malayanus*	Lime butterfly	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
638	Papilionidae	*Papilio polytes romulus*	Common mormon	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
639	Papilionidae	*Troides helena cerberus*	Common birdwing	Not Assessed; CITES protected	Vulnerable	Yes	Moderately common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
640	Pieridae	*Appias libythea olferna*	Striped albatross	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
641	Pieridae	*Catopsilia pomona pomona*	Lemon emigrant	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
642	Pieridae	*Catopsilia pyranthe pyranthe*	Mottled emigrant	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
643	Pieridae	*Catopsilia scylla cornelia*	Orange emigrant	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
644	Pieridae	*Delias hyparete metarete*	Painted jezebel	Not Assessed	Not Assessed	No	Common	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
645	Pieridae	*Eurema andersonii andersonii*	Anderson's grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
646	Pieridae	*Eurema blanda snelleni*	Three spot grass yellow	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
647	Pieridae	*Eurema hecabe contubernalis*	Common grass yellow	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
648	Pieridae	*Eurema sari sodalis*	Chocolate grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
649	Pieridae	*Eurema simulatrix tecmessa*	Forest grass yellow	Not Assessed	Not Assessed	No	Moderately common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
650	Pieridae	*Eurema sp.*	NA	NA	NA	NA	NA	NA		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
651	Pieridae	*Leptosia nina malayana*	Psyche	Not Assessed	Not Assessed	No	Common	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
652	Pieridae	*Pieris canidia canidia*	Cabbage white	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
653	Riodinidae	*Abisara savitri savitri*	Malay tailed judy	Not Assessed	Not Assessed	No	Moderately rare	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Callidulidae: Callidulinae	*Callidula* sp.	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
2	Callidulidae: Callidulinae	*Tetragonus catamitus*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
3	Callidulidae: Callidulinae	*Tetragonus lycaenoides*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
4	Crambidae	*Agrotera basinotata*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
5	Crambidae	*Conogethes punctiferalis*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
6	Crambidae	*Omiodes diemenalis*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
7	Crambidae	*Omiodes indicata*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
8	Crambidae	*Parapoynx diminutalis*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
9	Erebidae	*Asota caricae*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
10	Erebidae	*Gesonia* sp.	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
11	Erebidae	*Orgyia postica*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
12	Erebidae	*Syntomoides imaon*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
13	Erebidae	Arctiinae	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
14	Erebidae: Boletobiinae	Boletobiinae	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
15	Erebidae: Calpinae	*Eudocima* sp.	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
16	Erebidae: Erebinae	*Mocis undata*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
17	Gelechioidea (superfamily)	Gelechioidea	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
18	Geometridae	*Comibaena attenuata*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
19	Geometridae	*Heterostegane subfasciata*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
20	Geometridae	*Macaria* sp.	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
21	Geometridae	*Traminda aventiaria*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
22	Geometridae: Desmobathrinae	*Eumelea ludovicata*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
23	Geometridae: Geometrinae	Geometrinae	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
24	Limacodidae	*Cania bandura*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
25	Limacodidae	*Narosa* sp.	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
26	Limacodidae	*Oxyplax pallivitta*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
27	Nolidae: Chloephorinae	Chloephorinae	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
28	Pyralidae	*Sacada* sp.	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
29	Sphingidae	*Enpinanga vigens*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
30	Sphingidae	*Eupanacra elegantulus*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
31	Sphingidae: Macroglossinae	*Macroglossum pyrrhosticta*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
32	Thyrididae	Thyrididae	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
33	Tortricidae	*Adoxophyes privatana*	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
34	Tortricidae	Olethreutinae	Yes		Priority 1	Priority 1	Eng Neo Avenue Forest

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Native Status (Baker & Lim, 2012)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Gecarcinucidae	*Parathelphusa maculata*	Maculate Freshwater Crab	Least Concern	Not Assessed	No	Native	Yes		No		Priority 1	N/A	Eng Neo Avenue Forest
2	Palaemonidae	*Macrobrachium lanchesteri*	Ghost Shrimp	Least Concern	Not Assessed	No	Non-native	Yes		No		Priority 1	N/A	Eng Neo Avenue Forest
3	Gecarcinucidae	*Irmengardia johnsoni*	Johnson's Freshwater Crab	Vulnerable	Endangered	Yes	Native	Yes	No			Priority 1	N/A	Windsor
4	Sesarmidae	*Geosesarma peraccae*	Peracca's Land Crab	Not Assessed	Vulnerable	Yes	Native	Yes	No			Priority 1	N/A	Windsor
5	Gecarcinucidae	*Parathelphusa maculata*	Maculate Freshwater Crab	Least Concern	Not Assessed	No	Native	Yes	No			Priority 1	N/A	Windsor
6	Palaemonidae	*Macrobrachium lanchesteri*	Ghost Shrimp	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
7	Palaemonidae	*Macrobrachium malayanum*	Freshwater Prawn	Least Concern	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
8	Gecarcinucidae	*Parathelphusa maculata*	Maculate freshwater crab	Least Concern	Not Assessed	No	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
9	Palaemonidae	*Macrobrachium lanchesteri*	Riceland shrimp	Least Concern	Not Assessed	No	Non-native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Native Status (Baker & Lim, 2012)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Anabantidae	*Anabas testudineus*	Oriental Climbing Perch	Data Deficient	Least Concern	No	Native	Yes		No		Priority 1	N/A	Eng Neo Avenue Forest
2	Aplocheilidae	*Aplocheilus armatus*	Whitespot	Least Concern	Least Concern	No	Non-native	Yes		No		Priority 1	N/A	Eng Neo Avenue Forest
3	Channidae	*Channa striata*	Common Snakehead	Least Concern	Not Assessed	No	Native	Yes		Yes		Priority 1	N/A	Eng Neo Avenue Forest
4	Clariidae	*Clarias cf. batrachus*	Common Walking Catfish	Not Assessed	Least Concern	No	Native	Yes		Yes		Priority 1	N/A	Eng Neo Avenue Forest
5	Cyprinidae	*Barbodes rhombeus*	Indochinese Spotted Barb	Least Concern	Not Assessed	No	Non-native	Yes		Yes		Priority 1	N/A	Eng Neo Avenue Forest
6	Osphronemidae	*Betta pugnax*	Malayan Forest Betta	Not Assessed	Least Concern	No	Native	Yes		No		Priority 1	N/A	Eng Neo Avenue Forest
7	Osphronemidae	*Trichopsis vittata*	Croaking Gouramy	Least Concern	Least Concern	No	Native	Yes		Yes		Priority 1	N/A	Eng Neo Avenue Forest
8	Poeciliidae	*Gambusia affinis*	Mosquitofish	Least Concern	Least Concern	No	Non-native	Yes		No		Priority 1	N/A	Eng Neo Avenue Forest
9	Poeciliidae	*Poecilia reticulata*	Guppy	Not Assessed	Least Concern	No	Non-native	Yes		Yes		Priority 1	N/A	Eng Neo Avenue Forest
10	Poeciliidae	*Poecilia sphenops*	Common Molly	Not Assessed	Not Assessed	No	Non-native	Yes		No		Priority 1	N/A	Eng Neo Avenue Forest
11	Synbranchidae	*Monopterus javanensis*	Asian Swamp-eel	Not Assessed	Least Concern	No	Native	Yes		Yes		Priority 1	N/A	Eng Neo Avenue Forest
12	Anabantidae	Oriental Climbing Perch	*Anabas testudineus*	Least Concern	Not Assessed	No	Native	Yes	No			Priority 1	N/A	Windsor
13	Aplocheilidae	Whitespot	*Aplocheilus armatus*	Least Concern	Not Assessed	No	Native	Yes	No			Priority 1	N/A	Windsor
14	Channidae	Common Snakehead/Aruan	*Channa striata*	Least Concern	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
15	Channidae	Forest Snakehead	*Channa lucius*	Least Concern	Not Assessed	No	Native	Yes	No			Priority 1	N/A	Windsor
16	Cichlidae	Bumblebee Tilapia	*Heterotilapia buttikoferi*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
17	Cichlidae	Demon Eartheater	*Satanoperca jurupari*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
18	Cichlidae	Flowerhorn Cichlid	*Cichlasoma hybrid*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
19	Cichlidae	Green Chromide	*Etroplus suratensis*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
20	Cichlidae	Mayan Cichlid	*Cichlasoma urophthalmum*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
21	Cichlidae	Midas Cichlid	*Amphilophus citrinellus*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
22	Cichlidae	Mozambique Tilapia	*Oreochromis mossambicus*	Vulnerable	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
23	Cichlidae	Nile Tilapia	*Oreochromis niloticus*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
24	Cichlidae	Red Devil Cichlid	*Amphilophus labiatus*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
25	Cichlidae	Red-striped Eartheater	*Geophagus altifrons*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
26	Cichlidae	Redhead Cichlid	*Vieja melanura*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
27	Cichlidae	Threadfin Acara	*Acarichthys heckelii*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
28	Cichlidae	Three-spot Cichlid	*Cichlasoma trimaculatum*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
29	Clariidae	Common Walking Catfish	*Clarias cf. batrachus*	Not Assessed	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
30	Clariidae	Forest Walking Catfish	*Clarias leiacanthus*	Least Concern	Not Assessed	No	Native	Yes	No			Priority 1	N/A	Windsor
31	Clariidae	Sharp-toothed Walking Catfish	*Clarias gariepinus*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
32	Cyprinidae	Black-spot Barb	*Dawkinsia filamentosa*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
33	Cyprinidae	Carp	*Cyprinus carpio*	Vulnerable	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
34	Cyprinidae	Saddle Barb	*Barbodes banksi*	Not Assessed	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
35	Cyprinidae	Indochinese Spotted Barb	*Barbodes rhombeus*	Least Concern	Not Assessed	No	Non-native	Yes	Yes			Priority 1	N/A	Windsor
36	Cyprinidae	Malayan Tiger Barb	*Puntigrus partipentazona*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
37	Cyprinidae	Pearl Danio	*Brachydanio albolineata*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
38	Cyprinidae	Tiger Barb	*Puntigrus tetrazona*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
39	Cyprinidae	Two-spot Rasbora	*Rasbora elegans*	Least Concern	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
40	Eleotrididae	Marbled Gudgeon	*Oxyeleotris marmorata*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
41	Gobionellidae	Oriental River-goby	*Rhinogobius giurinus*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
42	Loricariidae	Gold-spotted Sailfin Catfish	*Pterygoplichthys joselimaianus*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
43	Loricariidae	Spotted Sailfin Sucker Catfish	*Pterygoplichthys pardalis*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
44	Loricariidae	Vermiculated Sailfin Sucker Catfish	*Pterygoplichthys disjunctivus*	Not Assessed	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
45	Osphronemidae	Croaking Gouramy	*Trichopsis vittata*	Least Concern	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
46	Osphronemidae	Giant Gouramy	*Osphronemus goramy*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
47	Osphronemidae	Malayan Forest Betta	*Betta pugnax*	Least Concern	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
48	Osphronemidae	Threespot Gouramy	*Trichopodus trichopterus*	Least Concern	Not Assessed	No	Native	Yes	No			Priority 1	N/A	Windsor
49	Poeciliidae	Guppy	*Poecilia reticulata*	Not Assessed	Not Assessed	No	Non-native	Yes	Yes			Priority 1	N/A	Windsor
50	Poeciliidae	Mosquitofish	*Gambusia affinis*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
51	Poeciliidae	Southern Platy	*Xiphophorus maculatus*	Data Deficient	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
52	Poeciliidae	Swordtail	*Xiphophorus helleri*	Least Concern	Not Assessed	No	Non-native	Yes	No			Priority 1	N/A	Windsor
53	Synbranchidae	Sunda Swamp-eel	*Monopterus javanensis*	Least Concern	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
54	Zenarchopteridae	Malayan Forest Halfbeak	*Hemirhamphodon pogonognathus*	Least Concern	Not Assessed	No	Native	Yes	No			Priority 1	N/A	Windsor
55	Zenarchopteridae	Sunda Pygmy Halfbeak	*Dermogenys collettei*	Not Assessed	Not Assessed	No	Native	Yes	Yes			Priority 1	N/A	Windsor
56	Anabantidae	*Anabas testudineus*	Oriental climbing perch	Least Concern	Not Assessed	No	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
57	Aplocheilidae	*Aplocheilus armatus*	Whitespot	Least Concern	Not Assessed	No	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
58	Channidae	*Channa striata*	Common snakehead/aruan	Least Concern	Not Assessed	No	Native	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
59	Clariidae	*Clarias cf. batrachus*	Common walking catfish	Not Assessed	Not Assessed	Yes	Native	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
60	Clariidae	*Clarias gariepinus*	Sharp-toothed walking catfish	Least Concern	Not Assessed	No	Non-native	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
61	Cyprinidae	*Barbodes rhombeus*	Indochinese spotted barb	Least Concern	Not Assessed	No	Non-native	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
62	Cyprinidae	*Brachydanio albolineata*	Pearl danio	Least Concern	Not Assessed	No	Non-native	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
63	Osphronemidae	*Betta pugnax*	Malayan forest betta	Least Concern	Not Assessed	No	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
64	Osphronemidae	*Trichopsis vittata*	Croaking gouramy	Least Concern	Not Assessed	No	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
65	Poeciliidae	*Gambusia affinis*	Mosquitofish	Least Concern	Not Assessed	No	Non-native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
66	Poeciliidae	*Poecilia reticulata*	Guppy	Least Concern	Not Assessed	No	Non-native	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
67	Poeciliidae	*Poecilia sphenops*	Green molly	Least Concern	Not Assessed	No	Non-native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
68	Synbranchidae	*Monopterus albus*	Sunda swamp-eel	Least Concern	Not Assessed	No	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (Baker & Lim, 2012)	Native Status (Baker & Lim, 2012)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Bufonidae	*Duttaphrynus melanostictus*	Asian Toad	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
2	Dicroglossidae	*Fejervarya cancrivora*	Crab-eating Frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
3	Dicroglossidae	*Fejervarya limnocharis*	Field Frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
4	Dicroglossidae	*Limnonectes blythii*	Malayan Giant Frog	Near Threatened	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
5	Dicroglossidae	*Limnonectes malesianus*	Malesian Frog	Near Threatened	Not Assessed	No	Restricted but Common	Native	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
6	Dicroglossidae	*Occidozyga sumatrana*	Yellow-bellied Puddle Frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
7	Eleutherodactylidae	*Eleutherodactylus planirostris*	Greenhouse Frog	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
8	Microhylidae	*Kaloula pulchra*	Banded Bull Frog	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
9	Microhylidae	*Microhyla butleri*	Painted Chorus Frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
10	Microhylidae	*Microhyla fissipes*	East Asian Ornate Chorus Frog	Least Concern	Not Assessed	No	Restricted & Rare	Non-native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
11	Microhylidae	*Microhyla heymonsi*	Dark-sided Chorus Frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
12	Ranidae	*Chalcorana labialis*	Copper-cheeked Frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
13	Ranidae	*Hylarana erythraea*	Green Paddy Frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
14	Ranidae	*Lithobates catesbeianus*	American Bullfrog	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
15	Ranidae	*Pulchrana laterimaculata*	Masked Rough-sided Frog	Least Concern	Not Assessed	No	Restricted & Uncommon	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
16	Rhacophoridae	*Polypedates leucomystax*	Four-lined Tree Frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
17	Bufonidae	*Duttaphrynus melanostictus*	Asian Toad	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
18	Bufonidae	*Ingerophrynus quadriporcatus*	Four-ridged Toad	Least Concern	Not Assessed	Restricted but Common	Native		Yes	No			Priority 1	Priority 1	Windsor
19	Dicroglossidae	*Fejervarya cancrivora*	Crab-eating Frog	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes	No			Priority 1	Priority 1	Windsor
20	Dicroglossidae	*Fejervarya limnocharis*	Field Frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
21	Dicroglossidae	*Limnonectes blythii*	Malayan Giant Frog	Near Threatened	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
22	Dicroglossidae	*Limnonectes malesianus*	Malesian Frog	Near Threatened	Not Assessed	No	Restricted but Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
23	Dicroglossidae	*Limnonectes plicatellus*	Rhinoceros Frog	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 1	Windsor
24	Dicroglossidae	*Occidozyga sumatrana*	Yellow-bellied Puddle Frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No			Priority 1	Priority 1	Windsor
25	Eleutherodactylidae	*Eleutherodactylus planirostris*	Greenhouse Frog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	Yes			Priority 1	Priority 1	Windsor
26	Megophryidae	*Leptobrachium nigrops*	Black-eyed Litter Frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No			Priority 1	Priority 1	Windsor
27	Microhylidae	*Kalophrynus limbooliati*	Lim's Black-spotted Sticky Frog	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Native	Yes	No			Priority 1	Priority 1	Windsor
28	Microhylidae	*Kaloula pulchra*	Banded Bull Frog	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes	No			Priority 1	Priority 1	Windsor
29	Microhylidae	*Microhyla butleri*	Painted Chorus Frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
30	Microhylidae	*Microhyla heymonsi*	Dark-sided Chorus Frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
31	Microhylidae	*Microhyla mantheyi*	Manthey's Chorus Frog	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 1	Windsor
32	Microhylidae	*Microhyla mukhlesuri*	East Asian Ornate Chorus Frog	Least Concern	Not Assessed	No	Restricted and Rare	Non-native	Yes	Yes			Priority 1	Priority 1	Windsor
33	Ranidae	*Chalcorana labialis*	Copper-cheeked Frog	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
34	Ranidae	*Hylarana erythraea*	Green Paddy Frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
35	Ranidae	*Lithobates catesbeianus*	American Bullfrog	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes	No			Priority 1	Priority 1	Windsor
36	Ranidae	*Pulchrana baramica*	Golden-eared Rough-sided Frog	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No		Recorded in original worksite area (BKSR)	Priority 1	Priority 1	Windsor
37	Ranidae	*Pulchrana laterimaculata*	Masked Rough-sided Frog	Least Concern	Not Assessed	No	Restricted and Uncommon	Native	Yes	Yes			Priority 1	Priority 1	Windsor
38	Rhacophoridae	*Nyctixalus pictus*	Cinnamon Bush Frog	Near Threatened	Vulnerable	Yes	Restricted and Rare	Native	Yes	Yes			Priority 1	Priority 1	Windsor
39	Rhacophoridae	*Polypedates leucomystax*	Four-lined Tree Frog	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
40	Bufonidae	*Duttaphrynus melanostictus*	Asian toad	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
41	Dicroglossidae	*Fejervarya cancrivora*	Crab-eating frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
42	Dicroglossidae	*Fejervarya limnocharis*	Field frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
43	Dicroglossidae	*Limnonectes blythii*	Malayan giant frog	Near Threatened	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
44	Dicroglossidae	*Limnonectes malesianus*	Malesian frog	Near Threatened	Near Threatened	No	Restricted but Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
45	Dicroglossidae	*Occidozyga sumatrana*	Yellow-bellied puddle frog	Least Concern	Near Threatened	No	Restricted but Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
46	Eleutherodactylidae	*Eleutherodactylus planirostris*	Greenhouse frog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
47	Microhylidae	*Kaloula pulchra*	Banded bull frog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
48	Microhylidae	*Microhyla butleri*	Painted chorus frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
49	Microhylidae	*Microhyla mukhlesuri*	East Asian ornate chorus frog	Least Concern	Not Assessed	No	Restricted and Rare	Non-native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
50	Microhylidae	*Microhyla heymonsi*	Dark-sided chorus frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
51	Ranidae	*Chalcorana labialis*	Copper-cheeked frog	Least Concern	Least Concern	No	Restricted but Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
52	Ranidae	*Hylarana erythraea*	Green paddy frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
53	Ranidae	*Lithobates catesbeianus*	American bullfrog	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
54	Ranidae	*Pulchrana laterimaculata*	Masked rough-sided frog	Least Concern	Near Threatened	No	Restricted and Uncommon	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
55	Rhacophoridae	*Polypedates leucomystax*	Four-lined tree frog	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (Baker & Lim, 2012)	Native Status (Baker & Lim, 2012)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Agamidae	*Bronchocela cristatella*	Green Crested Lizard	Not Assessed	Not Assessed	No	Widespread but Uncommon	Native	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
2	Agamidae	*Calotes versicolor*	Changeable Lizard	Not Assessed	Not Assessed	No	Widespread & Common	Non-native	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
3	Agamidae	*Draco sumatranus*	Sumatran Flying Dragon	Not Assessed	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
4	Colubridae	*Ahaetulla prasina*	Oriental Whip Snake	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
5	Colubridae	*Calamaria schlegeli*	Pink-headed Reed Snake	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes		No	Recorded in Teo & Rajathurai, 1997	Priority 1	Priority 2	Eng Neo Avenue Forest
6	Colubridae	*Chrysopelea paradisi*	Paradise Gliding Snake	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
7	Colubridae	*Coelognathus flavolineatus*	Common Malayan Racer	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
8	Colubridae	*Dendrelaphis caudolineatus*	Striped Bronzeback	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes	Observed from moult only	Priority 1	Priority 3	Eng Neo Avenue Forest
9	Colubridae	*Dendrelaphis kopsteini*	Red-necked Bronzeback	Least Concern	Vulnerable	Yes	Widespread but Rare	Native	Yes		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
10	Colubridae	*Dendrelaphis pictus*	Painted Bronzeback	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
11	Colubridae	*Lycodon capucinus*	House Wolf Snake	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
12	Colubridae	*Oligodon octolineatus*	Striped Kukri Snake	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes	Observed from roadkill only	Priority 1	Priority 3	Eng Neo Avenue Forest
13	Colubridae	*Ptyas korros*	Indochinese Rat Snake	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
14	Colubridae	*Xenochrophis vittatus*	Striped Keelback	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
15	Elapidae	*Calliophis intestinalis*	Banded Malayan Coral Snake	Least Concern	Not Assessed	No	Widespread but Rare	Native	Yes		Yes	Observed from roadkill only	Priority 1	Priority 3	Eng Neo Avenue Forest
16	Elapidae	*Naja sumatrana*	Equatorial Spitting Cobra	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
17	Emydidae	*Trachemys scripta*	Red-eared Slider	Least Concern	Not Assessed	No	Widespread & Common	Non-native	Yes		Yes		Priority 1	Priority 3	Eng Neo Avenue Forest
18	Gekkonidae	*Gehyra mutilata*	Four-clawed Gecko	Not Assessed	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
19	Gekkonidae	*Gekko monarchus*	Spotted House Gecko	Not Assessed	Not Assessed	No	Widespread & Common	Native	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
20	Gekkonidae	*Hemidactylus frenatus*	Spiny-tailed House Gecko	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
21	Gekkonidae	*Hemidactylus platyurus*	Flat-tailed Gecko	Not Assessed	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
22	Gekkonidae	*Lepidodactylus lugubris*	Mourning Gecko	Not Assessed	Not Assessed	No	Widespread but Rare	Native	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
23	Geomydidae	*Cuora amboinensis*	Malayan Box Terrapin	Vulnerable; CITES protected (Appendix II)	Not Assessed	Yes	Restricted but Common	Native	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
24	Geomydidae	*Siebenrockiella crassicollis*	Black Marsh Terrapin	Vulnerable	Not Assessed	Yes	Widespread and Common	Native	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
25	Homalopsidae	*Homalopsis buccata*	Puff-faced Water Snake	Least Concern	Vulnerable	Yes	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 2	Eng Neo Avenue Forest
26	Pythonidae	*Malayopython reticulatus*	Reticulated Python	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
27	Scincidae	*Eutropis multifasciata*	Many-lined Sun Skink	Not Assessed	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
28	Scincidae	*Lygosoma bowringii*	Garden Supple Skink	Not Assessed	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
29	Typhlopidae	*Indotyphlops braminus*	Brahminy Blind Snake	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
30	Varanidae	*Varanus nebulosus*	Clouded Monitor	Not Assessed	Not Assessed	No	Restricted but Common	Native	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
31	Varanidae	*Varanus salvator*	Malayan Water Monitor	Least Concern	Not Assessed	No	Widespread & Common	Native	Yes		Yes	Recorded from camera trap	Priority 1	Priority 1	Eng Neo Avenue Forest
32	Viperidae	*Tropidolaemus wagleri*	Wagler's Pit Viper	Least Concern	Endangered	Yes	Restricted and Rare	Native	No		Yes		Priority 1	Priority 2	Eng Neo Avenue Forest
33	Xenopeltidae	*Xenopeltis unicolor*	Iridescent Earth Snake	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 3	Eng Neo Avenue Forest
34	Agamidae	*Aphaniotis fusca*	Dusky Earless Agama	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 2	Priority 1	Windsor
35	Agamidae	*Bronchocela cristatella*	Green Crested Lizard	Not Assessed	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes			Priority 3	Priority 1	Windsor
36	Agamidae	*Calotes versicolor*	Changeable Lizard	Not Assessed	Not Assessed	No	Widespread and Common	Non-native	Yes	No			Priority 3	Priority 1	Windsor
37	Agamidae	*Draco melanopogon*	Black-bearded Flying Dragon	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Native	Yes	Yes			Priority 2	Priority 1	Windsor
38	Agamidae	*Draco quinquefasciatus*	Five-banded Flying Dragon	Not Assessed	Endangered	Yes	Restricted and Rare	Native	Yes	No		SBR	Priority 2	Priority 1	Windsor
39	Agamidae	*Draco sumatranus*	Sumatran Flying Dragon	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 3	Priority 1	Windsor
40	Colubridae	*Ahaetulla mycterizans*	Bigeye Green Whip Snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
41	Colubridae	*Ahaetulla prasina*	Oriental Whip Snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 3	Windsor
42	Colubridae	*Boiga cynodon*	Dog-toothed Cat Snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
43	Colubridae	*Boiga dendrophila*	Gold-ringed Cat Snake	Least Concern	Vulnerable	Yes	Widespread but Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
44	Colubridae	*Boiga drapiezii*	White-spotted Cat Snake	Least Concern	Not Assessed	No	Restricted and Rare	Native	Yes	No			Priority 1	Priority 3	Windsor
45	Colubridae	*Boiga jaspidea*	Jasper Cat Snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
46	Colubridae	*Calamaria lovii (gimletti)*	Gimlett's Reed Snake	Least Concern	Not Assessed	No	Restricted and Rare	Native	Yes	No			Priority 1	Priority 3	Windsor
47	Colubridae	*Calamaria lumbricoidea*	Variable Reed Snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
48	Colubridae	*Calamaria schlegeli*	Pink-headed Reed Snake	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
49	Colubridae	*Chrysopelea paradisi*	Paradise Gliding Snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 3	Windsor
50	Colubridae	*Chrysopelea pelias*	Twin-barred Gliding Snake	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
51	Colubridae	*Coelognathus flavolineatus*	Common Malayan Racer	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
52	Colubridae	*Dendrelaphis caudolineatus*	Striped Bronzeback	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No			Priority 1	Priority 3	Windsor
53	Colubridae	*Dendrelaphis cyanochloris*	Blue Bronzeback	Least Concern	Not Assessed	No	Restricted and Rare	Native	Yes	No		SBR	Priority 1	Priority 3	Windsor
54	Colubridae	*Dendrelaphis formosus*	Elegant Bronzeback	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
55	Colubridae	*Dendrelaphis haasi*	Haas's Bronzeback	Least Concern	Not Assessed	No	N.A	Native	Yes	No		SBR	Priority 1	Priority 3	Windsor
56	Colubridae	*Dendrelaphis kopsteini*	Red-necked Bronzeback	Least Concern	Vulnerable	Yes	Widespread but Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
57	Colubridae	*Dendrelaphis pictus*	Painted Bronzeback	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No			Priority 1	Priority 3	Windsor
58	Colubridae	*Dryocalamus subannulatus*	Malayan Bridle Snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
59	Colubridae	*Dryophiops rubescens*	Keel-bellied Whip Snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
60	Colubridae	*Gongylosoma baliodeirus*	Orange-bellied Ringneck	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
61	Colubridae	*Gonyosoma oxycephalum*	Red-tailed Racer	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	Yes			Priority 1	Priority 2	Windsor
62	Colubridae	*Lycodon capucinus*	House Wolf Snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 3	Windsor
63	Colubridae	*Lycodon subcinctus*	Banded Wolf Snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
64	Colubridae	*Macropisthodon rhodomelas*	Blue-necked Keelback	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
65	Colubridae	*Oligodon octolineatus*	Striped Kukri Snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No			Priority 1	Priority 3	Windsor
66	Colubridae	*Oligodon purpurascens*	Brown Kukri Snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
67	Colubridae	*Oligodon signatus*	Barred Kukri Snake	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No		SBR	Priority 1	Priority 2	Windsor
68	Colubridae	*Pseudorabdion longiceps*	Dwarf Reed Snake	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
69	Colubridae	*Ptyas carinata*	Keeled Rat Snake	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No			Priority 1	Priority 3	Windsor
70	Colubridae	*Ptyas fusca*	White-bellied Rat Snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
71	Colubridae	*Ptyas korros*	Indochinese Rat Snake	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No			Priority 1	Priority 3	Windsor
72	Colubridae	*Sibynophis melanocephalus*	Black-headed Collared Snake	Least Concern	Endangered	Yes	Widespread but Uncommon	Native	Yes	No			Priority 1	Priority 2	Windsor
73	Colubridae	*Xenelaphis hexagonotus*	Malayan Brown Snake	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
74	Colubridae	*Xenochrophis maculatus*	Spotted Keelback	Least Concern	Vulnerable	Yes	Restricted and Uncommon	Native	Yes	No			Priority 1	Priority 2	Windsor
75	Colubridae	*Xenochrophis trianguligerus*	Triangle Keelback	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
76	Elapidae	*Calliophis bivirgatus*	Blue Malayan Coral Snake	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	Yes			Priority 1	Priority 2	Windsor
77	Elapidae	*Calliophis intestinalis*	Banded Malayan Coral Snake	Least Concern	Not Assessed	No	Widespread but Rare	Native	Yes	No			Priority 1	Priority 3	Windsor
78	Elapidae	*Naja sumatrana*	Equatorial Spitting Cobra	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No			Priority 1	Priority 3	Windsor
79	Elapidae	*Ophiophagus hannah*	King Cobra	Vulnerable	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
80	Gekkonidae	*Cnemaspis peninsularis*	Peninsular Rock Gecko	Not Assessed	Vulnerable	Yes	Restricted and Uncommon	Native	Yes	Yes			Priority 2	Priority 1	Windsor
81	Gekkonidae	*Cyrtodactylus majulah*	Singapore Bent-toed Gecko	Not Assessed	Vulnerable	Yes	Restricted and Rare	Native	Yes	No			Priority 2	Priority 1	Windsor
82	Gekkonidae	*Gehyra mutilata*	Four-clawed Gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No			Priority 3	Priority 1	Windsor
83	Gekkonidae	*Gekko monarchus*	Spotted House Gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 3	Priority 1	Windsor
84	Gekkonidae	*Hemidactylus frenatus*	Spiny-tailed House Gecko	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 3	Priority 1	Windsor
85	Gekkonidae	*Hemidactylus platyurus*	Flat-tailed Gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	No			Priority 3	Priority 1	Windsor
86	Gekkonidae	*Hemiphyllodactylus typus*	Lowland Dwarf Gecko	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes	No			Priority 2	Priority 1	Windsor
87	Gekkonidae	*Lepidodactylus lugubris*	Mourning Gecko	Not Assessed	Not Assessed	No	Widespread but Rare	Native	Yes	No			Priority 3	Priority 1	Windsor
88	Geomydidae	*Cuora amboinensis*	Malayan Box Terrapin	Vulnerable; CITES protected (Appendix II)	Not Assessed	Yes	Restricted but Common	Native	Yes	No			Priority 1	Priority 2	Windsor
89	Geomydidae	*Cyclemys dentata*	Asian Leaf Terrapin	Near Threatened	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
90	Geomydidae	*Heosemys spinosa*	Spiny Terrapin	Endangered	Vulnerable	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
91	Geomydidae	*Notochelys platynota*	Malayan Flatshell Terrapin	Vulnerable	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (Baker & Lim, 2012)	Native Status (Baker & Lim, 2012)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
92	Homalopsidae	*Homalopsis buccata*	Puff-faced Water Snake	Least Concern	Vulnerable	Yes	Widespread but Uncommon	Native	Yes	No			Priority 1	Priority 2	Windsor
93	Pareidae	*Pareas margaritophorus*	White-spotted Slug Snake	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No			Priority 1	Priority 3	Windsor
94	Pythonidae	*Malayopython reticulatus*	Reticulated Python	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 3	Windsor
95	Scincidae	*Dasia grisea*	Brown Tree Skink	Not Assessed	Endangered	Yes	Restricted and Rare	Native	Yes	No		SBR	Priority 1	Priority 2	Windsor
96	Scincidae	*Dasia olivacea*	Olive Tree Skink	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
97	Scincidae	*Eutropis multifasciata*	Many-lined Sun Skink	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
98	Scincidae	*Eutropis rugiferus*	Striped Sun Skink	Not Assessed	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 1	Windsor
99	Scincidae	*Lipinia vittigera*	Striped Tree Skink	Not Assessed	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 1	Windsor
100	Trionychidae	*Amyda cartilaginea*	Asian Softshell Turtle	Vulnerable	Endangered	Yes	Restricted and Uncommon	Native	Yes	No			Priority 1	Priority 2	Windsor
101	Trionychidae	*Dogania subplana*	Malayan Forest Softshell Turtle	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
102	Typhlopidae	*Argyrophis muelleri*	White-bellied Blind Snake	Least Concern	Critically Endangered	Yes	Widespread but Rare	Native	Yes	No			Priority 1	Priority 2	Windsor
103	Typhlopidae	*Indotyphlops braminus*	Brahminy Blind Snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No			Priority 1	Priority 3	Windsor
104	Varanidae	*Varanus nebulosus*	Clouded Monitor	Not Assessed	Not Assessed	No	Restricted but Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
105	Varanidae	*Varanus salvator*	Malayan Water Monitor	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
106	Viperidae	*Tropidolaemus wagleri*	Wagler's Pit Viper	Least Concern	Endangered	Yes	Restricted and Rare	Native	Yes	Yes			Priority 1	Priority 2	Windsor
107	Xenopeltidae	*Xenopeltis unicolor*	Iridescent Earth Snake	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No			Priority 1	Priority 3	Windsor
108	Agamidae	*Bronchocela cristatella*	Green crested lizard	Not Assessed	Least Concern	No	Widespread but Uncommon	Native	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
109	Agamidae	*Calotes versicolor*	Changeable lizard	Not Assessed	Not Assessed	No	Widespread and Common	Non-native	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
110	Agamidae	*Draco sumatranus*	Sumatran flying dragon	Not Assessed	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
111	Colubridae	*Ahaetulla prasina*	Oriental whip snake	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
112	Colubridae	*Calamaria schlegeli*	Pink-headed reed snake	Least Concern	Near Threatened	No	Restricted and Rare	Native	Yes		No	Recorded in Teo & Rajathurai, 1997	Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
113	Colubridae	*Chrysopelea paradisi*	Paradise gliding snake	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
114	Colubridae	*Coelognathus flavolineatus*	Common Malayan racer	Least Concern	Least Concern	No	Widespread but Rare	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
115	Colubridae	*Dendrelaphis caudolineatus*	Striped bronzeback	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
116	Colubridae	*Dendrelaphis kopsteini*	Red-necked bronzeback	Least Concern	Near Threatened	No	Widespread but Rare	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
117	Colubridae	*Dendrelaphis pictus*	Painted bronzeback	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
118	Colubridae	*Lycodon capucinus*	House wolf snake	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
119	Colubridae	*Oligodon octolineatus*	Striped kukri snake	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
120	Colubridae	*Ptyas korros*	Indochinese rat snake	Least Concern	Least Concern	No	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
121	Colubridae	*Xenochrophis vittatus*	Striped keelback	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
122	Elapidae	*Calliophis intestinalis*	Malayan banded coral snake	Least Concern	Near Threatened	No	Widespread but Rare	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
123	Elapidae	*Naja sumatrana*	Equatorial spitting cobra	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
124	Emydidae	*Trachemys scripta*	Red-eared slider	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
125	Gekkonidae	*Gehyra mutilata*	Four-clawed gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
126	Gekkonidae	*Gekko monarchus*	Spotted house gecko	Not Assessed	Not Assessed	No	Widespread and Common	Native	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
127	Gekkonidae	*Hemidactylus frenatus*	Spiny-tailed house gecko	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
128	Gekkonidae	*Hemidactylus platyurus*	Flat-tailed gecko	Not Assessed	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
129	Gekkonidae	*Hemiphyllodactylus typus*	Lowland dwarf gecko	Least Concern	Near Threatened	No	Restricted and Rare	Native	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
130	Gekkonidae	*Lepidodactylus lugubris*	Maritime gecko	Not Assessed	Not Assessed	No	Widespread but Rare	Native	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
131	Geomydidae	*Cuora amboinensis*	Malayan box terrapin	Vulnerable; CITES protected (Appendix II)	Near Threatened	Yes	Restricted but Common	Native	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
132	Geomydidae	*Siebenrockiella crassicollis*	Black marsh terrapin	Vulnerable	Not Assessed	No	Widespread and Common	Non-native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
133	Homalopsidae	*Homalopsis buccata*	Puff-faced water snake	Least Concern	Vulnerable	Yes	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 2	Forested Area adjacent to Fairways Quarters (Site I & II)
134	Pareidae	*Pareas margaritophorus*	White-spotted slug snake	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
135	Pythonidae	*Malayopython reticulatus*	Reticulated python	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
136	Scincidae	*Eutropis multifasciata*	Many-lined sun skink	Not Assessed	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
137	Scincidae	*Lygosoma bowringii*	Garden supple skink	Not Assessed	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
138	Typhlopidae	*Indotyphlops braminus*	Brahminy blind snake	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
139	Varanidae	*Varanus nebulosus*	Clouded monitor	Not Assessed	Least Concern	No	Restricted but Common	Native	Yes		Yes	Recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
140	Varanidae	*Varanus salvator*	Malayan water monitor	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
141	Viperidae	*Tropidolaemus wagleri*	Wagler's pit viper	Least Concern	Near Threatened	No	Restricted and Rare	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)
142	Xenopeltidae	*Xenopeltis unicolor*	Iridescent earth snake	Least Concern	Least Concern	No	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 3	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native Status (NSS, 2020; Singapore Birds Project, 2020)	Probable Species	Recorded Species (Ang et al., 2020; ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Acanthizidae	*Gerygone sulphurea*	Golden-bellied Gerygone	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
2	Accipitridae	*Accipiter gularis*	Japanese Sparrowhawk	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
3	Accipitridae	*Accipiter soloensis*	Chinese Sparrowhawk	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
4	Accipitridae	*Accipiter trivirgatus*	Crested Goshawk	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
5	Accipitridae	*Aviceda jerdoni*	Jerdon's Baza	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
6	Accipitridae	*Aviceda leuphotes*	Black Baza	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
7	Accipitridae	*Buteo buteo*	Common Buzzard	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
8	Accipitridae	*Haliaeetus leucogaster*	White-bellied Sea Eagle	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
9	Accipitridae	*Haliastur indus*	Brahminy Kite	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
10	Accipitridae	*Nisaetus cirrhatus*	Changeable Hawk-Eagle	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Eng Neo Avenue Forest
11	Accipitridae	*Pernis ptilorhynchus*	Crested Honey-buzzard	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant/non-breeding visitor	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
12	Accipitridae	*Spilornis cheela*	Crested Serpent Eagle	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
13	Aegithinidae	*Aegithina tiphia*	Common Iora	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
14	Alcedinidae	*Alcedo atthis*	Common Kingfisher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
15	Alcedinidae	*Alcedo meninting*	Blue-eared Kingfisher	Least Concern	Critically Endangered	Yes	Rare	Resident breeder	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
16	Alcedinidae	*Ceyx erithaca*	Oriental Dwarf Kingfisher	Oriental Dwarf Kingfisher	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
17	Alcedinidae	*Halcyon coromanda*	Ruddy Kingfisher	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
18	Alcedinidae	*Halcyon smyrnensis*	White-throated Kingfisher	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
19	Alcedinidae	*Pelargopsis capensis*	Stork-billed Kingfisher	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
20	Alcedinidae	*Todiramphus chloris*	Collared Kingfisher	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
21	Apodidae	*Aerodramus fuciphagus*	Edible-nest Swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
22	Apodidae	*Aerodramus germani*	Germain's Swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
23	Apodidae	*Aerodramus maximus*	Black-nest Swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
24	Apodidae	*Apus nipalensis*	House Swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
25	Apodidae	*Apus pacificus*	Pacific Swift	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
26	Apodidae	*Collocalia affinis*	Plume-toed Swiftlet	Not Assessed	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
27	Apodidae	*Cypsiurus balasiensis*	Asian Palm Swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
28	Apodidae	*Hirundapus caudacutus*	White-throated Needletail	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
29	Apodidae	*Hirundapus cochinchinensis*	Silver-backed Needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
30	Apodidae	*Hirundapus giganteus*	Brown-backed Needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
31	Ardeidae	*Bubulcus coromandus*	Eastern Cattle Egret	Least Concern	Not Assessed	No	Common	Winter visitor/ntroduced resident, breeding not proven	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
32	Ardeidae	*Gorsachius melanolophus*	Malayan Night Heron	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
33	Bucerotidae	*Anthracoceros albirostris*	Oriental Pied Hornbill	Critically Endangered	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
34	Cacatuidae	*Cacatua goffiniana*	Tanimbar Corella	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
35	Cacatuidae	*Cacatua sulphurea*	Yellow-crested Cockatoo	Critically Endangered	Not Assessed	Yes	Uncommon	Introduced resident breeder	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
36	Campephagidae	*Lalage nigra*	Pied triller	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
37	Campephagidae	*Pericrocotus divaricatus*	Ashy Minivet	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
38	Caprimulgidae	*Caprimulgus affinis*	Savanna Nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
39	Caprimulgidae	*Caprimulgus jotaka*	Grey Nightjar	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
40	Caprimulgidae	*Caprimulgus macrurus*	Large-tailed Nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
41	Chloropseidae	*Chloropsis cochinchinensis*	Blue-winged Leafbird	Least Concern	Not Assessed	No	Common	Resident, breeding not proven	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
42	Chloropseidae	*Chloropsis sonnerati*	Greater Green Leafbird	Endangered	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
43	Ciconiidae	Ciconiidae	N.A	N.A	N.A	N.A	N.A	#N/A	No		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
44	Cisticolidae	*Orthotomus atrogularis*	Dark-necked Tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
45	Cisticolidae	*Orthotomus ruficeps*	Ashy Tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
46	Cisticolidae	*Orthotomus sericeus*	Rufous-tailed Tailorbird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
47	Cisticolidae	*Orthotomus sutorius*	Common Tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
48	Cisticolidae	*Prinia flaviventris*	Yellow-bellied Prinia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
49	Columbidae	*Chalcophaps indica*	Common Emerald Dove	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
50	Columbidae	*Columba livia*	Rock Dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
51	Columbidae	*Ducula bicolor*	Pied Imperial Pigeon	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
52	Columbidae	*Geopelia striata*	Zebra Dove	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes	Recorded on camera trap	Priority 1	Priority 1	Eng Neo Avenue Forest
53	Columbidae	*Ptilinopus jambu*	Jambu Fruit Dove	Near Threatened	Not Assessed	No	Uncommon	Non-breeding visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
54	Columbidae	*Spilopelia chinensis*	Spotted Dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
55	Columbidae	*Treron curvirostra*	Thick-billed Green Pigeon	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Eng Neo Avenue Forest
56	Columbidae	*Treron vernans*	Pink-necked Green Pigeon	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
57	Coraciidae	*Eurystomus orientalis*	Oriental Dollarbird	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
58	Corvidae	*Corvus macrorhynchos*	Large-billed Crow	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
59	Corvidae	*Corvus splendens*	House Crow	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
60	Cuculidae	*Cacomantis merulinus*	Plaintive Cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
61	Cuculidae	*Cacomantis sepulcralis*	Rusty-breasted Cuckoo	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Eng Neo Avenue Forest
62	Cuculidae	*Cacomantis sonneratii*	Banded Bay Cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
63	Cuculidae	*Centropus bengalensis*	Lesser Coucal	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
64	Cuculidae	*Centropus sinensis*	Greater Coucal	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
65	Cuculidae	*Chrysococcyx minutillus*	Little Bronze-Cuckoo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
66	Cuculidae	*Chrysococcyx xanthorhynchus*	Violet Cuckoo	Least Concern	Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
67	Cuculidae	*Clamator coromandus*	Chestnut-winged Cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
68	Cuculidae	*Cuculus micropterus*	Indian Cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
69	Cuculidae	*Eudynamys scolopaceus*	Asian Koel	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
70	Cuculidae	*Hierococcyx nisicolor*	Hodgson's Hawk Cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
71	Cuculidae	*Phaenicophaeus sumatranus*	Chestnut-bellied Malkoha	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
72	Cuculidae	*Surniculus lugubris*	Square-tailed Drongo-Cuckoo	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
73	Dicaeidae	*Dicaeum cruentatum*	Scarlet-backed Flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
74	Dicaeidae	*Dicaeum trigonostigma*	Orange-bellied Flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
75	Dicruridae	*Dicrurus annectans*	Crow-billed Drongo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
76	Dicruridae	*Dicrurus paradiseus*	Greater Racket-tailed Drongo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
77	Estrildidae	*Lonchura punctulata*	Scaly-breasted Munia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
78	Hemiprocnidae	*Hemiprocne longipennis*	Grey-rumped Treeswift	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
79	Hirundinidae	*Cecropis daurica*	Red-rumped Swallow	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
80	Hirundinidae	*Hirundo rustica*	Barn swallow	Least Concern	Not Assessed	No	Abundant	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
81	Hirundinidae	*Hirundo tahitica*	Pacific swallow	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
82	Irenidae	*Irena puella*	Asian Fairy-bluebird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
83	Laniidae	*Lanius cristatus*	Brown Shrike	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
84	Laniidae	*Lanius tigrinus*	Tiger Shrike	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
85	Leiothrichidae	*Garrulax leucolophus*	White-crested Laughingthrush	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
86	Megalaimidae	*Psilopogon haemacephalus*	Coppersmith barbet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
87	Megalaimidae	*Psilopogon lineatus*	Lineated Barbet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
88	Megalaimidae	*Psilopogon rafflesii*	Red-crowned Barbet	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
89	Meropidae	*Merops philippinus*	Blue-tailed bee-eater	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
90	Meropidae	*Merops viridis*	Blue-throated Bee-eater	Least Concern	Not Assessed	No	Common	Migrant breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
91	Monarchidae	*Terpsiphone affinis*	Blyth's Paradise Flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
92	Monarchidae	*Terpsiphone atrocaudata*	Japanese Paradise Flycatcher	Near Threatened	Not Assessed	No	Rare	Passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
93	Monarchidae	*Terpsiphone incei*	Amur Paradise Flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
94	Motacillidae	*Anthus rufulus*	Paddyfield Pipit	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
95	Motacillidae	*Dendronanthus indicus*	Forest Wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		Yes	Recorded on camera trap	Priority 1	Priority 1	Eng Neo Avenue Forest
96	Motacillidae	*Motacilla cinerea*	Grey Wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
97	Muscicapidae	*Copsychus malabaricus*	White-rumped Shama	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
98	Muscicapidae	*Copsychus saularis*	Oriental Magpie-Robin	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
99	Muscicapidae	*Cyanoptila cumatilis*	Zappey's Flycatcher	Least Concern	Not Listed	No	Rare	Passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
100	Muscicapidae	*Cyanoptila cyanomelana*	Blue-and-white Flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
101	Muscicapidae	*Cyornis brunneatus*	Brown-chested Jungle Flycatcher	Vulnerable	Not Listed	Yes	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
102	Muscicapidae	*Ficedula elisae*	Green-backed Flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
103	Muscicapidae	*Ficedula mugimaki*	Mugimaki Flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
104	Muscicapidae	*Ficedula zanthopygia*	Yellow-rumped Flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native Status (NSS, 2020; Singapore Birds Project, 2020)	Probable Species	Recorded Species (Ang et al., 2020; ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
105	Muscicapidae	*Larvivora cyane*	Siberian Blue Robin	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
106	Muscicapidae	*Muscicapa dauurica*	Asian Brown Flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
107	Muscicapidae	*Muscicapa ferruginea*	Ferruginous Flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
108	Muscicapidae	*Muscicapa sibirica*	Dark-Sided Flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
109	Muscicapidae	*Muscicapa williamsoni*	Brown-streaked Flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
110	Nectariniidae	*Aethopyga siparaja*	Crimson Sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
111	Nectariniidae	*Anthreptes malacensis*	Brown-throated Sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
112	Nectariniidae	*Arachnothera longirostra*	Little Spiderhunter	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
113	Nectariniidae	*Cinnyris jugularis*	Olive-backed Sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
114	Nectariniidae	*Leptocoma brasiliana*	Van Hasselt's Sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
115	Oriolidae	*Oriolus chinensis*	Black-naped Oriole	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
116	Pandionidae	*Pandion haliaetus*	Western Osprey	Least Concern	Not Assessed	No	Common	Non-breeding visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
117	Passeridae	*Passer montanus*	Eurasian Tree Sparrow	Least Concern	Not Assessed	No	Common	Resident breeder/introduced?	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
118	Pellorneidae	*Malacocincla abbotti*	Abbott's Babbler	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
119	Phasianidae	*Gallus gallus*	Red Junglefowl	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
120	Phasianidae	*Gallus gallus (domestic)*	Domestic Chicken	Not Assessed	Not Assessed	No	N/A	Introduced	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
121	Phylloscopidae	*Phylloscopus borealis*	Arctic Warbler	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
122	Phylloscopidae	*Phylloscopus borealoides*	Sakhalin Leaf Warbler	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
123	Phylloscopidae	*Phylloscopus coronatus*	Eastern Crowned Warbler	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
124	Phylloscopidae	*Phylloscopus inornatus*	Yellow-browed Warbler	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
125	Picidae	*Chrysophlegma miniaceum*	Banded Woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
126	Picidae	*Dinopium javanense*	Common Flameback	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
127	Picidae	*Micropternus brachyurus*	Rufous Woodpecker	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
128	Picidae	*Picus vittatus*	Laced Woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
129	Picidae	*Yungipicus moluccensis*	Sunda Pygmy Woodpecker	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
130	Pittidae	*Pitta moluccensis*	Blue-winged Pitta	Least Concern	Not Assessed	No	Uncommon	Migrant breeder/winter visitor/passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
131	Pittidae	*Pitta sordida*	Hooded Pitta	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
132	Psittaculidae	*Loriculus galgulus*	Blue-crowned Hanging-parrot	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Eng Neo Avenue Forest
133	Psittaculidae	*Psittacula alexandri*	Red-breasted Parakeet	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
134	Psittaculidae	*Psittacula krameri*	Rose-ringed Parakeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
135	Psittaculidae	*Psittacula longicauda*	Long-tailed Parakeet	Vulnerable	Not Assessed	Yes	Common	Resident breeder	Yes		Yes		Priority 2	Priority 1	Eng Neo Avenue Forest
136	Psittaculidae	*Psittinus cyanurus*	Blue-rumped Parrot	Near Threatened	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
137	Psittaculidae	*Trichoglossus haematodus*	Coconut Lorikeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
138	Pycnonotidae	*Hemixos cinereus*	Cinereous Bulbul	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
139	Pycnonotidae	*Pycnonotus brunneus*	Asian Red-eyed Bulbul	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
140	Pycnonotidae	*Pycnonotus goiavier*	Yellow-vented Bulbul	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
141	Pycnonotidae	*Pycnonotus jocosus*	Red-whiskered Bulbul	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
142	Pycnonotidae	*Pycnonotus plumosus*	Olive-winged Bulbul	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
143	Pycnonotidae	*Pycnonotus zeylanicus*	Straw-headed Bulbul	Critically Endangered	Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Eng Neo Avenue Forest
144	Rallidae	*Amaurornis phoenicurus*	White-breasted Waterhen	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
145	Rallidae	*Gallirallus striatus*	Slaty-breasted Rail	Least Concern	Not Assessed	No	Uncommon	Resident breeder	No		Yes	Recorded on camera trap	Priority 1	Priority 1	Eng Neo Avenue Forest
146	Rallidae	*Rallina fasciata*	Red-legged Crake	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder/winter visitor	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
147	Rhipiduridae	*Rhipidura javanica*	Malaysian Pied Fantail	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
148	Strigidae	*Bubo sumatranus*	Barred Eagle-Owl	Least Concern	Not Assessed	No	Rare	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
149	Strigidae	*Ketupa ketupu*	Buffy Fish Owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
150	Strigidae	*Ninox scutulata*	Brown Hawk-Owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
151	Strigidae	*Otus lempiji*	Sunda Scops Owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
152	Strigidae	*Otus sunia*	Oriental Scops Owl	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
153	Strigidae	*Strix seloputo*	Spotted Wood Owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Eng Neo Avenue Forest
154	Sturnidae	*Acridotheres javanicus*	Javan Myna	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
155	Sturnidae	*Acridotheres tristis*	Common Myna	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
156	Sturnidae	*Agropsar sturninus*	Daurian Starling	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
157	Sturnidae	*Aplonis panayensis*	Asian Glossy Starling	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
158	Sturnidae	*Gracula religiosa*	Common Hill Myna	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
159	Timaliidae	*Macronus gularis*	Pin-striped Tit-babbler	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 1	Priority 1	Eng Neo Avenue Forest
160	Turdidae	*Geokichla citrina*	Orange-headed Thrush	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
161	Turdidae	*Geokichla sibirica*	Siberian Thrush	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
162	Turdidae	*Turdus obscurus*	Eyebrowed Thrush	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
163	Tytonidae	*Tyto javanica*	Eastern Barn Owl	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Eng Neo Avenue Forest
164	Zosteropidae	*Zosterops simplex*	Swinhoe's White-eye	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
165	Apodidae	*Aerodramus* sp.	Swiftlet	N.A	N.A	N.A	N.A	#N/A	N.A		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
166	Ardeidae	Ardeidae	N.A	N.A	N.A	N.A	N.A	#N/A	N.A		Yes		Priority 3	Priority 1	Eng Neo Avenue Forest
167	Acanthizidae	*Gerygone sulphurea*	Golden-bellied Gerygone	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
168	Accipitridae	*Accipiter gularis*	Japanese Sparrowhawk	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
169	Accipitridae	*Accipiter soloensis*	Chinese Sparrowhawk	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
170	Accipitridae	*Accipiter trivirgatus*	Crested Goshawk	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	Yes			Priority 2	Priority 1	Windsor
171	Accipitridae	*Aviceda jerdoni*	Jerdon's Baza	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
172	Accipitridae	*Aviceda leuphotes*	Black Baza	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
173	Accipitridae	*Butastur indicus*	Grey-faced Buzzard	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
174	Accipitridae	*Buteo buteo*	Common Buzzard	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
175	Accipitridae	*Circaetus gallicus*	Short-toed Snake Eagle	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No			Priority 3	Priority 1	Windsor
176	Accipitridae	*Gyps himalayensis*	Himalayan Vulture	Near Threatened	Not Assessed	No	Rare	Accidental visitor	Yes	No			Priority 3	Priority 1	Windsor
177	Accipitridae	*Haliaeetus ichthyaetus*	Grey-headed Fish Eagle	Near Threatened	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	Yes			Priority 2	Priority 1	Windsor
178	Accipitridae	*Haliaeetus leucogaster*	White-bellied Sea Eagle	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
179	Accipitridae	*Haliastur indus*	Brahminy Kite	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
180	Accipitridae	*Hieraaetus pennatus*	Booted Eagle	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
181	Accipitridae	*Lophotriorchis kienerii*	Rufous-bellied Hawk-Eagle	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
182	Accipitridae	*Macheiramphus alcinus*	Bat Hawk	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No			Priority 3	Priority 1	Windsor
183	Accipitridae	*Nisaetus cirrhatus*	Changeable Hawk-Eagle	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes			Priority 2	Priority 1	Windsor
184	Accipitridae	*Pernis ptilorhynchus*	Crested Honey-buzzard	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant/non-breeding visitor	Yes	Yes			Priority 3	Priority 1	Windsor
185	Accipitridae	*Spilornis cheela*	Crested Serpent Eagle	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
186	Acrocephalidae	*Acrocephalus bistrigiceps*	Black-browed Reed Warbler	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
187	Acrocephalidae	*Acrocephalus orientalis*	Oriental Reed Warbler	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
188	Aegithinidae	*Aegithina tiphia*	Common Iora	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
189	Alcedinidae	*Alcedo atthis*	Common Kingfisher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
190	Alcedinidae	*Alcedo meninting*	Blue-eared Kingfisher	Least Concern	Critically Endangered	Yes	Rare	Resident breeder	Yes	No			Priority 2	Priority 1	Windsor
191	Alcedinidae	*Ceyx erithaca*	Oriental Dwarf Kingfisher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
192	Alcedinidae	*Halcyon coromanda*	Ruddy Kingfisher	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	No			Priority 2	Priority 1	Windsor
193	Alcedinidae	*Halcyon smyrnensis*	White-throated Kingfisher	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
194	Alcedinidae	*Pelargopsis capensis*	Stork-billed Kingfisher	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
195	Alcedinidae	*Todiramphus chloris*	Collared Kingfisher	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
196	Apodidae	*Aerodramus fuciphagus*	Edible-nest Swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes		Recorded as "Aerodramus germani" in BKSR survey	Priority 1	Priority 1	Windsor
197	Apodidae	*Aerodramus maximus*	Black-nest Swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
198	Apodidae	*Apus nipalensis*	House Swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No			Priority 1	Priority 1	Windsor
199	Apodidae	*Apus pacificus*	Pacific Swift	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 1	Priority 1	Windsor
200	Apodidae	*Collocalia affinis*	Plume-toed Swiftlet	Not Assessed	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
201	Apodidae	*Cypsiurus balasiensis*	Asian Palm Swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
202	Apodidae	*Hirundapus caudacutus*	White-throated Needletail	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No			Priority 3	Priority 1	Windsor
203	Apodidae	*Hirundapus cochinchinensis*	Silver-backed Needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
204	Apodidae	*Hirundapus giganteus*	Brown-backed Needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
205	Apodidae	*Rhaphidura leucopygialis*	Silver-rumped Spinetail	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No			Priority 3	Priority 1	Windsor
206	Ardeidae	*Ardeola bacchus*	Chinese Pond Heron	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	No			Priority 1	Priority 1	Windsor
207	Ardeidae	*Ardeola speciosa*	Javan Pond Heron	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 1	Priority 1	Windsor
208	Ardeidae	*Bubulcus coromandus*	Eastern Cattle Egret	Least Concern	Not Assessed	No	Common	Winter visitor/ntroduced resident, breeding not proven	Yes	Yes			Priority 1	Priority 1	Windsor

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209	Ardeidae	*Butorides striata*	Striated Heron	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	No			Priority 1	Priority 1	Windsor
210	Ardeidae	*Gorsachius melanolophus*	Malayan Night Heron	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No			Priority 1	Priority 1	Windsor
211	Ardeidae	*Ixobrychus cinnamomeus*	Cinnamon Bittern	Least Concern	Not Assessed	No	Uncommon	Resident breeder/winter visitor	Yes	No			Priority 1	Priority 1	Windsor
212	Ardeidae	*Ixobrychus eurhythmus*	von Schrenck's Bittern	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 1	Priority 1	Windsor
213	Ardeidae	*Ixobrychus flavicollis*	Black Bittern	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 1	Priority 1	Windsor
214	Ardeidae	*Ixobrychus sinensis*	Yellow Bittern	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	No			Priority 1	Priority 1	Windsor
215	Ardeidae	*Nycticorax nycticorax*	Black-crowned Night Heron	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No			Priority 1	Priority 1	Windsor
216	Bucerotidae	*Anthracoceros albirostris*	Oriental Pied Hornbill	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No			Priority 2	Priority 1	Windsor
217	Cacatuidae	*Cacatua goffiniana*	Tanimbar Corella	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes	No			Priority 3	Priority 1	Windsor
218	Cacatuidae	*Cacatua sulphurea*	Yellow-crested Cockatoo	Critically Endangered	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	No			Priority 3	Priority 1	Windsor
219	Campephagidae	*Coracina fimbriata*	Lesser Cuckooshrike	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
220	Campephagidae	*Lalage nigra*	Pied Triller	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
221	Campephagidae	*Pericrocotus divaricatus*	Ashy Minivet	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
222	Campephagidae	*Pericrocotus speciosus*	Scarlet Minivet	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
223	Caprimulgidae	*Caprimulgus jotaka*	Grey Nightjar	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	Yes			Priority 1	Priority 1	Windsor
224	Caprimulgidae	*Caprimulgus macrurus*	Large-tailed Nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
225	Chloropseidae	*Chloropsis cochinchinensis*	Blue-winged Leafbird	Least Concern	Not Assessed	No	Common	Resident, breeding not proven	Yes	Yes			Priority 3	Priority 1	Windsor
226	Chloropseidae	*Chloropsis cyanopogon*	Lesser Green Leafbird	Near Threatened	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
227	Chloropseidae	*Chloropsis sonnerati*	Greater Green Leafbird	Endangered	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
228	Cisticolidae	*Orthotomus atrogularis*	Dark-necked Tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
229	Cisticolidae	*Orthotomus ruficeps*	Ashy Tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
230	Cisticolidae	*Orthotomus sericeus*	Rufous-tailed Tailorbird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
231	Cisticolidae	*Orthotomus sutorius*	Common Tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
232	Columbidae	*Chalcophaps indica*	Common Emerald Dove	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
233	Columbidae	*Columba livia*	Rock Dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	No			Priority 1	Priority 1	Windsor
234	Columbidae	*Ducula aenea*	Green Imperial Pigeon	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No			Priority 1	Priority 1	Windsor
235	Columbidae	*Ducula badia*	Mountain Imperial Pigeon	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No			Priority 1	Priority 1	Windsor
236	Columbidae	*Ducula bicolor*	Pied Imperial Pigeon	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	Yes			Priority 1	Priority 1	Windsor
237	Columbidae	*Geopelia striata*	Zebra Dove	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
238	Columbidae	*Ptilinopus jambu*	Jambu Fruit Dove	Near Threatened	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No			Priority 1	Priority 1	Windsor
239	Columbidae	*Spilopelia chinensis*	Spotted Dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
240	Columbidae	*Treron curvirostra*	Thick-billed Green Pigeon	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
241	Columbidae	*Treron olax*	Little Green Pigeon	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 1	Priority 1	Windsor
242	Columbidae	*Treron vernans*	Pink-necked Green Pigeon	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
243	Coraciidae	*Eurystomus orientalis*	Oriental Dollarbird	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes			Priority 3	Priority 1	Windsor
244	Corvidae	*Corvus macrorhynchos*	Large-billed Crow	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
245	Corvidae	*Corvus splendens*	House Crow	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
246	Cuculidae	*Cacomantis merulinus*	Plaintive Cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
247	Cuculidae	*Cacomantis sepulcralis*	Rusty-breasted Cuckoo	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder	Yes	Yes			Priority 2	Priority 1	Windsor
248	Cuculidae	*Cacomantis sonneratii*	Banded Bay Cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
249	Cuculidae	*Centropus sinensis*	Greater Coucal	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
250	Cuculidae	*Chrysococcyx xanthorhynchus*	Violet Cuckoo	Least Concern	Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	No			Priority 2	Priority 1	Windsor
251	Cuculidae	*Clamator coromandus*	Chestnut-winged Cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
252	Cuculidae	*Cuculus micropterus*	Indian Cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
253	Cuculidae	*Eudynamys scolopaceus*	Asian Koel	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes			Priority 3	Priority 1	Windsor
254	Cuculidae	*Hierococcyx fugax*	Malaysian Hawk-Cuckoo	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No			Priority 3	Priority 1	Windsor
255	Cuculidae	*Hierococcyx nisicolor*	Hodgson's Hawk Cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
256	Cuculidae	*Hierococcyx sparverioides*	Large Hawk-Cuckoo	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
257	Cuculidae	*Phaenicophaeus sumatranus*	Chestnut-bellied Malkoha	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
258	Cuculidae	*Surniculus lugubris*	Square-tailed Drongo-Cuckoo	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder/winter visitor	Yes	Yes			Priority 2	Priority 1	Windsor
259	Dicaeidae	*Dicaeum agile*	Thick-billed Flowerpecker	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No			Priority 3	Priority 1	Windsor
260	Dicaeidae	*Dicaeum chrysorrheum*	Yellow-vented Flowerpecker	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
261	Dicaeidae	*Dicaeum cruentatum*	Scarlet-backed Flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
262	Dicaeidae	*Dicaeum trigonostigma*	Orange-bellied Flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
263	Dicruridae	*Dicrurus annectans*	Crow-billed Drongo	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
264	Dicruridae	*Dicrurus paradiseus*	Greater Racket-tailed Drongo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
265	Estrildidae	*Lonchura punctulata*	Scaly-breasted Munia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
266	Eurostopididae	*Lyncornis temminckii*	Malaysian Eared Nightjar	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 1	Priority 1	Windsor
267	Falconidae	*Falco peregrinus*	Peregrine Falcon	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
268	Falconidae	*Falco severus*	Oriental Hobby	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No			Priority 3	Priority 1	Windsor
269	Hemiprocnidae	*Hemiprocne comata*	Whiskered Treeswift	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No			Priority 3	Priority 1	Windsor
270	Hemiprocnidae	*Hemiprocne longipennis*	Grey-rumped Treeswift	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
271	Hirundinidae	*Cecropis daurica*	Red-rumped Swallow	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 1	Priority 1	Windsor
272	Hirundinidae	*Delichon dasypus*	Asian House Martin	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No			Priority 1	Priority 1	Windsor
273	Hirundinidae	*Hirundo rustica*	Barn Swallow	Least Concern	Not Assessed	No	Abundant	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
274	Hirundinidae	*Hirundo tahitica*	Pacific Swallow	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
275	Irenidae	*Irena puella*	Asian Fairy-bluebird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
276	Laniidae	*Lanius cristatus*	Brown Shrike	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
277	Laniidae	*Lanius tigrinus*	Tiger Shrike	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
278	Leiothrichidae	*Garrulax leucolophus*	White-crested Laughingthrush	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes	No			Priority 1	Priority 1	Windsor
279	Megalaimidae	*Psilopogon haemacephalus*	Coppersmith Barbet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
280	Megalaimidae	*Psilopogon lineatus*	Lineated Barbet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
281	Megalaimidae	*Psilopogon rafflesii*	Red-crowned Barbet	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
282	Meropidae	*Merops philippinus*	Blue-tailed Bee-eater	Least Concern	Not Assessed	No	Common	Winter visitor	Yes	Yes			Priority 3	Priority 1	Windsor
283	Meropidae	*Merops viridis*	Blue-throated Bee-eater	Least Concern	Not Assessed	No	Common	Migrant breeder	Yes	Yes			Priority 3	Priority 1	Windsor
284	Monarchidae	*Hypothymis azurea*	Black-naped Monarch	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
285	Monarchidae	*Terpsiphone affinis*	Blyth's Paradise Flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
286	Monarchidae	*Terpsiphone atrocaudata*	Japanese Paradise Flycatcher	Near Threatened	Not Assessed	No	Rare	Passage migrant	Yes	No			Priority 3	Priority 1	Windsor
287	Monarchidae	*Terpsiphone incei*	Amur Paradise Flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
288	Monarchidae	*Terpsiphone paradisi*	Indian Paradise Flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	Yes			Priority 3	Priority 1	Windsor
289	Motacillidae	*Anthus rufulus*	Paddyfield Pipit	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
290	Motacillidae	*Dendronanthus indicus*	Forest Wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
291	Motacillidae	*Motacilla cinerea*	Grey Wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
292	Muscicapidae	*Copsychus malabaricus*	White-rumped Shama	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	Yes		Recorded in original worksite area (BKSR)	Priority 1	Priority 1	Windsor
293	Muscicapidae	*Copsychus saularis*	Oriental Magpie-Robin	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
294	Muscicapidae	*Cyanoptila cumatilis*	Zappey's Flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No			Priority 3	Priority 1	Windsor
295	Muscicapidae	*Cyanoptila cyanomelana*	Blue-and-white Flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes	No			Priority 3	Priority 1	Windsor
296	Muscicapidae	*Cyornis brunneatus*	Brown-chested Jungle Flycatcher	Vulnerable	Not Assessed	Yes	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 2	Priority 1	Windsor
297	Muscicapidae	*Cyornis glaucicomans*	Chinese Blue Flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No			Priority 3	Priority 1	Windsor
298	Muscicapidae	*Ficedula albicilla*	Taiga Flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No			Priority 3	Priority 1	Windsor
299	Muscicapidae	*Ficedula elisae*	Green-backed Flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
300	Muscicapidae	*Ficedula mugimaki*	Mugimaki Flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No			Priority 3	Priority 1	Windsor
301	Muscicapidae	*Ficedula narcissina*	Narcissus Flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No			Priority 3	Priority 1	Windsor
302	Muscicapidae	*Ficedula zanthopygia*	Yellow-rumped Flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
303	Muscicapidae	*Larvivora cyane*	Siberian Blue Robin	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
304	Muscicapidae	*Muscicapa dauurica*	Asian Brown Flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
305	Muscicapidae	*Muscicapa ferruginea*	Ferruginous Flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
306	Muscicapidae	*Muscicapa griseisticta*	Grey-streaked Flycatcher	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No			Priority 3	Priority 1	Windsor
307	Muscicapidae	*Muscicapa sibirica*	Dark-Sided Flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
308	Muscicapidae	*Muscicapa williamsoni*	Brown-streaked Flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes	No			Priority 3	Priority 1	Windsor
309	Nectariniidae	*Aethopyga siparaja*	Crimson Sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
310	Nectariniidae	*Anthreptes malacensis*	Brown-throated Sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
311	Nectariniidae	*Anthreptes simplex*	Plain Sunbird	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
312	Nectariniidae	*Arachnothera chrysogenys*	Yellow-eared Spiderhunter	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native Status (NSS, 2020; Singapore Birds Project, 2020)	Probable Species	Recorded Species (Ang et al., 2020; ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
313	Nectariniidae	*Arachnothera crassirostris*	Thick-billed Spiderhunter	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes	No			Priority 2	Priority 1	Windsor
314	Nectariniidae	*Arachnothera longirostra*	Little Spiderhunter	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
315	Nectariniidae	*Cinnyris jugularis*	Olive-backed Sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
316	Nectariniidae	*Leptocoma brasiliana*	Van Hasselt's Sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
317	Oriolidae	*Oriolus chinensis*	Black-naped Oriole	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
318	Passeridae	*Passer montanus*	Eurasian Tree Sparrow	Least Concern	Not Assessed	No	Common	Resident breeder/introduced?	Yes	No			Priority 3	Priority 1	Windsor
319	Pellorneidae	*Malacocincla abbotti*	Abbott's Babbler	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
320	Pellorneidae	*Malacocincla malaccensis*	Short-tailed Babbler	Near Threatened	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
321	Phasianidae	*Gallus gallus*	Red Junglefowl	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes		Recorded in original worksite area (BKSR)	Priority 1	Priority 1	Windsor
322	Phasianidae	*Gallus gallus (domestic)*	Domestic Chicken	Not Assessed	Not Assessed	No	N/A	Introduced	Yes	No			Priority 3	Priority 1	Windsor
323	Phylloscopidae	*Phylloscopus borealis*	Arctic Warbler	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
324	Phylloscopidae	*Phylloscopus borealoides*	Sakhalin Leaf Warbler	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes	No			Priority 3	Priority 1	Windsor
325	Phylloscopidae	*Phylloscopus coronatus*	Eastern Crowned Warbler	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	Yes			Priority 3	Priority 1	Windsor
326	Phylloscopidae	*Phylloscopus inornatus*	Yellow-browed Warbler	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
327	Picidae	*Chrysophlegma miniaceum*	Banded Woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
328	Picidae	*Dinopium javanense*	Common Flameback	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
329	Picidae	*Micropternus brachyurus*	Rufous Woodpecker	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
330	Picidae	*Picus vittatus*	Laced Woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
331	Picidae	*Yungipicus moluccensis*	Sunda Pygmy Woodpecker	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
332	Pittidae	*Pitta moluccensis*	Blue-winged Pitta	Least Concern	Not Assessed	No	Uncommon	Migrant breeder/winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
333	Pittidae	*Pitta nympha*	Fairy Pitta	Vulnerable	Not Assessed	Yes	Rare	Accidental visitor	Yes	No			Priority 2	Priority 1	Windsor
334	Pittidae	*Pitta sordida*	Hooded Pitta	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
335	Ploceidae	*Ploceus philippinus*	Baya Weaver	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
336	Psittaculidae	*Eos bornea*	Red Lory	Least Concern	N.A	No	N.A	Introduced	Yes	Yes		Restricted to forest in native range, but found in artificial habitat in Taiwan where introduced	Priority 3	Priority 1	Windsor
337	Psittaculidae	*Loriculus galgulus*	Blue-crowned Hanging-parrot	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes		Recorded in original worksite area (BKSR)	Priority 2	Priority 1	Windsor
338	Psittaculidae	*Psittacula alexandri*	Red-breasted Parakeet	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes	No			Priority 3	Priority 1	Windsor
339	Psittaculidae	*Psittacula krameri*	Rose-ringed Parakeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
340	Psittaculidae	*Psittacula longicauda*	Long-tailed Parakeet	Vulnerable	Not Assessed	Yes	Common	Resident breeder	Yes	Yes			Priority 2	Priority 1	Windsor
341	Psittaculidae	*Psittinus cyanurus*	Blue-rumped Parrot	Near Threatened	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes	Yes		Recorded in original worksite area (BKSR)	Priority 2	Priority 1	Windsor
342	Psittaculidae	*Trichoglossus haematodus*	Coconut Lorikeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes		Restricted to forest in native range, but found in artificial habitat in Singapore where introduced	Priority 3	Priority 1	Windsor
343	Pycnonotidae	*Hemixos cinereus*	Cinereous Bulbul	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes	No			Priority 3	Priority 1	Windsor
344	Pycnonotidae	*Pycnonotus atriceps*	Black-headed Bulbul	Least Concern	Critically Endangered	Yes	Rare	Resident breeder	Yes	No			Priority 2	Priority 1	Windsor
345	Pycnonotidae	*Pycnonotus brunneus*	Asian Red-eyed Bulbul	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes			Priority 2	Priority 1	Windsor
346	Pycnonotidae	*Pycnonotus flaviventris*	Black-crested Bulbul	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	No			Priority 3	Priority 1	Windsor
347	Pycnonotidae	*Pycnonotus goiavier*	Yellow-vented Bulbul	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
348	Pycnonotidae	*Pycnonotus jocosus*	Red-whiskered Bulbul	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
349	Pycnonotidae	*Pycnonotus melanoleucos*	Black-and-white Bulbul	Near Threatened	Not Assessed	No	Rare	Non-breeding visitor	Yes	No			Priority 3	Priority 1	Windsor
350	Pycnonotidae	*Pycnonotus plumosus*	Olive-winged Bulbul	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
351	Pycnonotidae	*Pycnonotus simplex*	Cream-vented Bulbul	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
352	Pycnonotidae	*Pycnonotus zeylanicus*	Straw-headed Bulbul	Critically Endangered	Endangered	Yes	Uncommon	Resident breeder	Yes	No			Priority 2	Priority 1	Windsor
353	Rallidae	*Amaurornis phoenicurus*	White-breasted Waterhen	Least Concern	Not Assessed	No	Common	Resident breeder/winter visitor	Yes	Yes			Priority 1	Priority 1	Windsor
354	Rallidae	*Rallina eurizonoides*	Slaty-legged Crake	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No			Priority 1	Priority 1	Windsor
355	Rallidae	*Rallina fasciata*	Red-legged Crake	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder/winter visitor	Yes	Yes			Priority 1	Priority 1	Windsor
356	Rhipiduridae	*Rhipidura javanica*	Malaysian Pied Fantail	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
357	Strigidae	*Bubo sumatranus*	Barred Eagle-Owl	Least Concern	Not Assessed	No	Rare	Resident breeder	Yes	No			Priority 3	Priority 1	Windsor
358	Strigidae	*Ketupa ketupu*	Buffy Fish Owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	Yes		Recorded in original worksite area (BKSR)	Priority 2	Priority 1	Windsor
359	Strigidae	*Ninox scutulata*	Brown Hawk-Owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
360	Strigidae	*Otus lempiji*	Sunda Scops Owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
361	Strigidae	*Otus sunia*	Oriental Scops Owl	Least Concern	Not Assessed	No	Rare	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
362	Strigidae	*Strix seloputo*	Spotted Wood Owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes	No			Priority 2	Priority 1	Windsor
363	Sturnidae	*Acridotheres javanicus*	Javan Myna	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
364	Sturnidae	*Acridotheres tristis*	Common Myna	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 1	Priority 1	Windsor
365	Sturnidae	*Agropsar sturninus*	Daurian Starling	Least Concern	Not Assessed	No	Common	Winter visitor/passage migrant	Yes	Yes			Priority 3	Priority 1	Windsor
366	Sturnidae	*Aplonis panayensis*	Asian Glossy Starling	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
367	Sturnidae	*Gracula religiosa*	Common Hill Myna	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
368	Sturnidae	*Sturnia sinensis*	White-shouldered Starling	Least Concern	Not Assessed	No	Uncommon	Winter visitor/passage migrant	Yes	No			Priority 3	Priority 1	Windsor
369	Tephrodornithidae	*Tephrodornis virgatus*	Large Woodshrike	Least Concern	Not Assessed	No	Rare	Non-breeding visitor	Yes	No			Priority 3	Priority 1	Windsor
370	Timaliidae	*Macronus gularis*	Pin-striped Tit-babbler	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
371	Timaliidae	*Stachyris erythroptera*	Chestnut-winged Babbler	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes	Yes			Priority 2	Priority 1	Windsor
372	Turdidae	*Geokichla citrina*	Orange-headed Thrush	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes	No			Priority 1	Priority 1	Windsor
373	Turdidae	*Turdus obscurus*	Eyebrowed Thrush	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes	No			Priority 1	Priority 1	Windsor
374	Tytonidae	*Tyto javanica*	Eastern Barn Owl	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes	No			Priority 1	Priority 1	Windsor
375	Zosteropidae	*Zosterops simplex*	Swinhoe's White-eye	Least Concern	Not Assessed	No	Common	Resident breeder	Yes	Yes			Priority 3	Priority 1	Windsor
376	Acanthizidae	*Gerygone sulphurea*	Golden-bellied gerygone	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
377	Accipitridae	*Accipiter gularis*	Japanese sparrowhawk	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
378	Accipitridae	*Accipiter soloensis*	Chinese sparrowhawk	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
379	Accipitridae	*Accipiter trivirgatus*	Crested goshawk	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
380	Accipitridae	*Aviceda jerdoni*	Jerdon's baza	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
381	Accipitridae	*Aviceda leuphotes*	Black baza	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
382	Accipitridae	*Buteo buteo*	Common buzzard	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
383	Accipitridae	*Haliaeetus leucogaster*	White-bellied sea eagle	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
384	Accipitridae	*Haliastur indus*	Brahminy kite	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
385	Accipitridae	*Nisaetus cirrhatus*	Changeable hawk-eagle	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
386	Accipitridae	*Pernis ptilorhynchus*	Crested honey-buzzard	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
387	Accipitridae	*Spilornis cheela*	Crested serpent eagle	Least Concern	Critically Endangered	Yes	Rare	Resident, breeding not proven	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
388	Aegithinidae	*Aegithina tiphia*	Common iora	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
389	Alcedinidae	*Alcedo atthis*	Common kingfisher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
390	Alcedinidae	*Alcedo meninting*	Blue-eared kingfisher	Least Concern	Critically Endangered	Yes	Rare	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
391	Alcedinidae	*Ceyx erithaca*	Oriental dwarf kingfisher	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native Status (NSS, 2020; Singapore Birds Project, 2020)	Probable Species	Recorded Species (Ang et al., 2020; ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
392	Alcedinidae	*Halcyon coromanda*	Ruddy kingfisher	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
393	Alcedinidae	*Halcyon smyrnensis*	White-throated kingfisher	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
394	Alcedinidae	*Pelargopsis capensis*	Stork-billed kingfisher	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
395	Alcedinidae	*Todiramphus chloris*	Collared kingfisher	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
396	Apodidae	*Aerodramus fuciphagus*	Edible-nest swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
397	Apodidae	*Aerodramus maximus*	Black-nest swiftlet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
398	Apodidae	*Aerodramus sp.*	NA	NA	NA	NA	NA	NA	NA		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
399	Apodidae	*Apus nipalensis*	House swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
400	Apodidae	*Apus pacificus*	Pacific swift	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
401	Apodidae	*Collocalia affinis*	Plume-toed swiftlet	Not Assessed	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
402	Apodidae	*Cypsiurus balasiensis*	Asian palm swift	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
403	Apodidae	*Hirundapus caudacutus*	White-throated needletail	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
404	Apodidae	*Hirundapus cochinchinensis*	Silver-backed needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
405	Apodidae	*Hirundapus giganteus*	Brown-backed needletail	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
406	Ardeidae	*Bubulcus coromandus*	Eastern cattle egret	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
407	Ardeidae	*Gorsachius melanolophus*	Malayan night heron	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
408	Bucerotidae	*Anthracoceros albirostris*	Oriental pied hornbill	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
409	Cacatuidae	*Cacatua goffiniana*	Tanimbar corella	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
410	Cacatuidae	*Cacatua sulphurea*	Yellow-crested cockatoo	Critically Endangered	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
411	Campephagidae	*Lalage nigra*	Pied triller	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
412	Campephagidae	*Pericrocotus divaricatus*	Ashy minivet	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
413	Caprimulgidae	*Caprimulgus affinis*	Savanna nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
414	Caprimulgidae	*Caprimulgus jotaka*	Jungle nightjar	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
415	Caprimulgidae	*Caprimulgus macrurus*	Large-tailed nightjar	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
416	Chloropseidae	*Chloropsis moluccensis*	Blue-winged leafbird	Least Concern	Not Assessed	No	Common	Resident, breeding not proven	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
417	Chloropseidae	*Chloropsis sonnerati*	Greater green leafbird	Endangered	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
418	Cisticolidae	*Orthotomus atrogularis*	Dark-necked tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
419	Cisticolidae	*Orthotomus ruficeps*	Ashy tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
420	Cisticolidae	*Orthotomus sericeus*	Rufous-tailed tailorbird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
421	Cisticolidae	*Orthotomus sutorius*	Common tailorbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
422	Cisticolidae	*Prinia flaviventris*	Yellow-bellied prinia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
423	Columbidae	*Chalcophaps indica*	Common emerald dove	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
424	Columbidae	*Columba livia*	Rock dove	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
425	Columbidae	*Ducula bicolor*	Pied imperial pigeon	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
426	Columbidae	*Geopelia striata*	Zebra dove	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
427	Columbidae	*Ptilinopus jambu*	Jambu fruit dove	Near Threatened	Not Assessed	No	Uncommon	Non-breeding visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
428	Columbidae	*Spilopelia chinensis*	Spotted dove	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
429	Columbidae	*Treron curvirostra*	Thick-billed green pigeon	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
430	Columbidae	*Treron vernans*	Pink-necked green pigeon	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
431	Coraciidae	*Eurystomus orientalis*	Oriental dollarbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
432	Corvidae	*Corvus macrorhynchos*	Large-billed crow	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
433	Corvidae	*Corvus splendens*	House crow	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
434	Cuculidae	*Cacomantis merulinus*	Plaintive cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
435	Cuculidae	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
436	Cuculidae	*Cacomantis sonneratii*	Banded bay cuckoo	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
437	Cuculidae	*Centropus bengalensis*	Lesser coucal	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
438	Cuculidae	*Centropus sinensis*	Greater coucal	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
439	Cuculidae	*Chrysococcyx minutillus*	Little bronze-cuckoo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
440	Cuculidae	*Chrysococcyx xanthorhynchus*	Violet cuckoo	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
441	Cuculidae	*Clamator coromandus*	Chestnut-winged cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
442	Cuculidae	*Cuculus micropterus*	Indian cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

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443	Cuculidae	*Eudynamys scolopaceus*	Asian koel	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
444	Cuculidae	*Hierococcyx nisicolor*	Hodgson's hawk cuckoo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
445	Cuculidae	*Phaenicophaeus sumatranus*	Chestnut-bellied malkoha	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
446	Cuculidae	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
447	Dicaeidae	*Dicaeum cruentatum*	Scarlet-backed flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
448	Dicaeidae	*Dicaeum trigonostigma*	Orange-bellied flowerpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
449	Dicruridae	*Dicrurus annectans*	Crow-billed drongo	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
450	Dicruridae	*Dicrurus paradiseus*	Greater racket-tailed drongo	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
451	Estrildidae	*Lonchura punctulata*	Scaly-breasted munia	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
452	Hemiprocnidae	*Hemiprocne longipennis*	Grey-rumped treeswift	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
453	Hirundinidae	*Cecropis daurica*	Red-rumped swallow	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
454	Hirundinidae	*Hirundo rustica*	Barn swallow	Least Concern	Not Assessed	No	Abundant	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
455	Hirundinidae	*Hirundo tahitica*	Pacific swallow	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
456	Irenidae	*Irena puella*	Asian fairy-bluebird	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
457	Laniidae	*Lanius cristatus*	Brown shrike	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
458	Laniidae	*Lanius tigrinus*	Tiger shrike	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
459	Leiothrichidae	*Garrulax leucolophus*	White-crested laughingthrush	Least Concern	Not Assessed	No	Common	Introduced resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
460	Megalaimidae	*Psilopogon haemacephalus*	Coppersmith barbet	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
461	Megalaimidae	*Psilopogon lineatus*	Lineated barbet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
462	Megalaimidae	*Psilopogon rafflesii*	Red-crowned barbet	Near Threatened	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
463	Meropidae	*Merops philippinus*	Blue-tailed bee-eater	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
464	Meropidae	*Merops viridis*	Blue-throated bee-eater	Least Concern	Not Assessed	No	Common	Migrant breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
465	Monarchidae	*Terpsiphone affinis*	Blyth's paradise flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
466	Monarchidae	*Terpsiphone atrocaudata*	Japanese paradise flycatcher	Near Threatened	Not Assessed	No	Rare	Passage migrant	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
467	Monarchidae	*Terpsiphone incei*	Amur paradise flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
468	Motacillidae	*Anthus rufulus*	Paddyfield pipit	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
469	Motacillidae	*Dendronanthus indicus*	Forest wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
470	Motacillidae	*Motacilla cinerea*	Grey wagtail	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
471	Muscicapidae	*Copsychus malabaricus*	White-rumped shama	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
472	Muscicapidae	*Copsychus saularis*	Oriental magpie-robin	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
473	Muscicapidae	*Cyanoptila cumatilis*	Zappey's flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
474	Muscicapidae	*Cyanoptila cyanomelana*	Blue-and-white flycatcher	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
475	Muscicapidae	*Cyornis brunneatus*	Brown-chested jungle flycatcher	Vulnerable	Not Assessed	Yes	Uncommon	Winter visitor	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
476	Muscicapidae	*Ficedula elisae*	Green-backed flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
477	Muscicapidae	*Ficedula mugimaki*	Mugimaki flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
478	Muscicapidae	*Ficedula zanthopygia*	Yellow-rumped flycatcher	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
479	Muscicapidae	*Larvivora cyane*	Siberian blue robin	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
480	Muscicapidae	*Muscicapa dauurica*	Asian brown flycatcher	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
481	Muscicapidae	*Muscicapa ferruginea*	Ferruginous flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
482	Muscicapidae	*Muscicapa sibirica*	Dark-sided flycatcher	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
483	Muscicapidae	*Muscicapa williamsoni*	Brown-streaked flycatcher	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
484	Nectariniidae	*Aethopyga siparaja*	Crimson sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
485	Nectariniidae	*Anthreptes malacensis*	Brown-throated sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
486	Nectariniidae	*Arachnothera longirostra*	Little spiderhunter	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
487	Nectariniidae	*Cinnyris jugularis*	Olive-backed sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
488	Nectariniidae	*Leptocoma brasiliana*	Van Hasselt's sunbird	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
489	Oriolidae	*Oriolus chinensis*	Black-naped oriole	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
490	Pandionidae	*Pandion haliaetus*	Western osprey	Least Concern	Not Assessed	No	Common	Non-breeding visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
491	Passeridae	*Passer montanus*	Eurasian tree sparrow	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
492	Pellorneidae	*Malacocincla abbotti*	Abbott's babbler	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
493	Phasianidae	*Gallus gallus*	Red junglefowl	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		Yes	Also recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (NSS, 2020; Singapore Birds Project, 2020)	Native Status (NSS, 2020; Singapore Birds Project, 2020)	Probable Species	Recorded Species (Ang et al., 2020; ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
494	Phasianidae	*Gallus gallus (domestic)*	Domestic chicken	Not Assessed	Not Assessed	No	NA	Introduced	Yes		Yes	Recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
495	Phylloscopidae	*Phylloscopus borealis*	Arctic warbler	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
496	Phylloscopidae	*Phylloscopus borealoides*	Sakhalin leaf warbler	Least Concern	Not Assessed	No	Rare	Accidental visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
497	Phylloscopidae	*Phylloscopus coronatus*	Eastern crowned warbler	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
498	Phylloscopidae	*Phylloscopus inornatus*	Yellow-browed warbler	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
499	Picidae	*Chrysophlegma miniaceum*	Banded woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
500	Picidae	*Dinopium javanense*	Common flameback	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
501	Picidae	*Micropternus brachyurus*	Rufous woodpecker	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
502	Picidae	*Picus vittatus*	Laced woodpecker	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
503	Picidae	*Yungipicus moluccensis*	Sunda pygmy woodpecker	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
504	Pittidae	*Pitta moluccensis*	Blue-winged pitta	Least Concern	Not Assessed	No	Uncommon	Migrant breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
505	Pittidae	*Pitta sordida*	Hooded pitta	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
506	Psittaculidae	*Eos bornea*	Red lory	Least Concern	Not Assessed	No	NA	Introduced	No		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
507	Psittaculidae	*Loriculus galgulus*	Blue-crowned hanging-parrot	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
508	Psittaculidae	*Psittacula alexandri*	Red-breasted parakeet	Near Threatened	Not Assessed	No	Common	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
509	Psittaculidae	*Psittacula krameri*	Rose-ringed parakeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
510	Psittaculidae	*Psittacula longicauda*	Long-tailed parakeet	Vulnerable	Not Assessed	Yes	Common	Resident breeder	Yes		Yes		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
511	Psittaculidae	*Psittinus cyanurus*	Blue-rumped parrot	Near Threatened	Critically Endangered	Yes	Uncommon	Resident, breeding not proven	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
512	Psittaculidae	*Trichoglossus haematodus*	Coconut lorikeet	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
513	Pycnonotidae	*Hemixos cinereus*	Cinereous bulbul	Least Concern	Not Assessed	No	Uncommon	Non-breeding visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
514	Pycnonotidae	*Pycnonotus brunneus*	Asian red-eyed bulbul	Least Concern	Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
515	Pycnonotidae	*Pycnonotus goiavier*	Yellow-vented bulbul	Least Concern	Not Assessed	No	Abundant	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
516	Pycnonotidae	*Pycnonotus jocosus*	Red-whiskered bulbul	Least Concern	Not Assessed	No	Uncommon	Introduced resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
517	Pycnonotidae	*Pycnonotus plumosus*	Olive-winged bulbul	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
518	Pycnonotidae	*Pycnonotus zeylanicus*	Straw-headed bulbul	Critically Endangered	Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
519	Rallidae	*Amaurornis phoenicurus*	White-breasted waterhen	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
520	Rallidae	*Lewinia striata*	Slaty-breasted rail	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
521	Rallidae	*Rallina fasciata*	Red-legged crake	Least Concern	Vulnerable	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
522	Rhipiduridae	*Rhipidura javanica*	Malaysian pied fantail	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
523	Strigidae	*Bubo sumatranus*	Barred eagle-owl	Least Concern	Not Assessed	No	Rare	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
524	Strigidae	*Ketupa ketupu*	Buffy fish owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		No		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
525	Strigidae	*Ninox scutulata*	Brown hawk-owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
526	Strigidae	*Otus lempiji*	Sunda scops owl	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
527	Strigidae	*Otus sunia*	Oriental scops owl	Least Concern	Not Assessed	No	Rare	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
528	Strigidae	*Strix seloputo*	Spotted wood owl	Least Concern	Critically Endangered	Yes	Uncommon	Resident breeder	Yes		Yes		Priority 2	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
529	Sturnidae	*Acridotheres javanicus*	Javan myna	Least Concern	Not Assessed	No	Abundant	Introduced resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
530	Sturnidae	*Acridotheres tristis*	Common myna	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
531	Sturnidae	*Agropsar sturninus*	Daurian starling	Least Concern	Not Assessed	No	Common	Winter visitor	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
532	Sturnidae	*Aplonis panayensis*	Asian glossy starling	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
533	Sturnidae	*Gracula religiosa*	Common hill myna	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
534	Timaliidae	*Mixornis gularis*	Pin-striped tit-babbler	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
535	Turdidae	*Geokichla citrina*	Orange-headed thrush	Least Concern	Not Assessed	No	Uncommon	Winter visitor	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
536	Turdidae	*Geokichla sibirica*	Siberian thrush	Least Concern	Not Assessed	No	Rare	Passage migrant	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
537	Turdidae	*Turdus obscurus*	Eyebrowed thrush	Least Concern	Not Assessed	No	Uncommon	Passage migrant	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
538	Tytonidae	*Tyto javanica*	Eastern barn owl	Least Concern	Not Assessed	No	Uncommon	Resident breeder	Yes		No		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
539	Zosteropidae	*Zosterops simplex*	Swinhoe's white-eye	Least Concern	Not Assessed	No	Common	Resident breeder	Yes		Yes		Priority 3	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (Baker & Lim, 2012)	Native Status (Baker & Lim, 2012)	Probable Species	Recorded Species (Ang et al., 2020; ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Canidae	*Canis lupus familiaris*	Feral Dog	Not Assessed	Not Assessed	No	N.A	Non-native	Yes		No		Priority1	Priority1	Eng Neo Avenue Forest
2	Cercopithecidae	*Macaca fascicularis*	Long-tailed Macaque	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes	Recorded visually and on camera trap.	Priority 3	Priority1	Eng Neo Avenue Forest
3	Cynocephalidae	*Galeopterus variegatus*	Malayan Colugo	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes		Yes	Recorded visually.	Priority 3	Priority1	Eng Neo Avenue Forest
4	Felidae	*Felis catus*	Feral Cat	Not Assessed	Not Assessed	No	N.A	Non-native	Yes		No		Priority1	Priority1	Eng Neo Avenue Forest
5	Manidae	*Manis javanica*	Sunda Pangolin	Critically Endangered	Critically Endangered	Yes	Widespread but Rare	Native	Yes		Yes	Recorded on camera trap CT01 and CT04.	Priority1	Priority1	Eng Neo Avenue Forest
6	Muridae	*Mus castaneus*	House Mouse	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		No		Priority1	Priority1	Eng Neo Avenue Forest
7	Muridae	*Rattus annandalei*	Annandale's Rat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes		No		Priority1	Priority1	Eng Neo Avenue Forest
8	Muridae	*Rattus exulans*	Polynesian Rat	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes		No		Priority1	Priority1	Eng Neo Avenue Forest
9	Muridae	*Rattus norvegicus*	Brown Rat	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		No		Priority1	Priority1	Eng Neo Avenue Forest
10	Muridae	*Rattus tanezumi*	Oriental House Rat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes	Recorded visually.	Priority1	Priority1	Eng Neo Avenue Forest
11	Muridae	*Rattus tiomanicus*	Malaysian Wood Rat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		No		Priority1	Priority1	Eng Neo Avenue Forest
12	Muridae	*Rattus* sp.	Rat	N.A	N.A	N.A	N.A	N.A	N.A		Yes	Recorded on camera trap.	Priority1	Priority1	Eng Neo Avenue Forest
13	Sciuridae	*Callosciurus notatus*	Plantain Squirrel	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes	Recorded visually and on camera trap.	Priority1	Priority1	Eng Neo Avenue Forest
14	Sciuridae	*Sundasciurus tenuis*	Slender Squirrel	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes		Yes	Recorded visually and on camera trap.	Priority1	Priority1	Eng Neo Avenue Forest
15	Soricidae	*Suncus murinus*	House Shrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		No		Priority1	Priority1	Eng Neo Avenue Forest
16	Suidae	*Sus scrofa*	Wild Pig	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes	Recorded footprints and scats (visually) and on camera trap.	Priority1	Priority1	Eng Neo Avenue Forest
17	Tupaiidae	*Tupaia glis*	Common Treeshrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes	Recorded visually and on camera trap.	Priority1	Priority1	Eng Neo Avenue Forest
18	Viverridae	*Paradoxurus musangus*	Common Palm Civet	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes		Yes	Recorded scat (visually) and on camera trap.	Priority 1	Priority1	Eng Neo Avenue Forest
19	Canidae	*Canis lupus familiaris*	Feral Dog	Not Assessed	Not Assessed	No	N.A	Non-native	Yes	No			Priority 1	Priority 1	Windsor
20	Cercopithecidae	*Macaca fascicularis*	Long-tailed Macaque	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 3	Priority 1	Windsor
21	Cercopithecidae	*Presbytis femoralis femoralis*	Raffles' Banded Langur	Near Threatened	Critically Endangered	Yes	Restricted and Rare	Native	Yes	Yes			Priority 2	Priority 1	Windsor
22	Cynocephalidae	*Galeopterus variegatus*	Malayan Colugo	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes			Priority 3	Priority 1	Windsor
23	Felidae	*Felis catus*	Feral Cat	Not Assessed	Not Assessed	No	N.A	Non-native	Yes	No			Priority 1	Priority 1	Windsor
24	Loridae	*Nycticebus coucang*	Sunda Slow Loris	Vulnerable	Critically Endangered	Yes	Restricted and Rare	Native	Yes	Yes			Priority 2	Priority 1	Windsor
25	Manidae	*Manis javanica*	Sunda Pangolin	Critically Endangered	Critically Endangered	Yes	Widespread but Rare	Native	Yes	Yes			Priority 1	Priority 1	Windsor
26	Muridae	*Maxomys rajah*	Rajah Spiny Rat	Vulnerable	Endangered	Yes	Restricted and Rare	Native	Yes	No			Priority 1	Priority 1	Windsor
27	Muridae	*Mus castaneus*	House Mouse	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	No			Priority 1	Priority 1	Windsor
28	Muridae	*Rattus annandalei*	Annandale's Rat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
29	Muridae	*Rattus exulans*	Polynesian Rat	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No			Priority 1	Priority 1	Windsor
30	Muridae	*Rattus norvegicus*	Brown Rat	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes	No			Priority 1	Priority 1	Windsor
31	Muridae	*Rattus tanezumi*	Oriental House Rat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
32	Muridae	*Rattus tiomanicus*	Malaysian Wood Rat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
33	Sciuridae	*Callosciurus notatus*	Plantain Squirrel	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
34	Sciuridae	*Iomys horsfieldii*	Horsfield's Flying Squirrel	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	Yes		Recorded in original worksite area (RBL)	Priority 2	Priority 1	Windsor
35	Sciuridae	*Sundasciurus tenuis*	Slender Squirrel	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
36	Suidae	*Sus scrofa*	Wild Pig	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
37	Tragulidae	*Tragulus kanchil*	Lesser Mousedeer	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	Yes			Priority 1	Priority 1	Windsor
38	Tupaiidae	*Tupaia glis*	Common Treeshrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes			Priority 1	Priority 1	Windsor
39	Viverridae	*Paradoxurus musangus*	Common Palm Civet	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes			Priority 1	Priority 1	Windsor
40	Canidae	*Canis lupus familiaris*	Feral dog	Not Assessed	Not Assessed	No	NA	Non-native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
41	Cercopithecidae	*Macaca fascicularis*	Long-tailed macaque	Vulnerable	Least Concern	Yes	Widespread and Common	Native	Yes		Yes	Also recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
42	Cynocephalidae	*Galeopterus variegatus*	Sunda colugo	Least Concern	Near Threatened	Yes	Restricted but Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
43	Felidae	*Felis catus*	Feral cat	Not Assessed	Not Assessed	No	NA	Non-native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
44	Manidae	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Yes	Widespread but Rare	Native	Yes		Yes	Recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
45	Muridae	*Mus musculus*	House mouse	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
46	Muridae	*Sundamys annandalei*	Annandale's rat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
47	Muridae	*Rattus exulans*	Pacific rat	Least Concern	Least Concern	No	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
48	Muridae	*Rattus sp.*	NA	NA	NA	NA	NA	NA	NA		Yes	Recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
49	Muridae	*Rattus norvegicus*	Brown rat	Least Concern	Not Assessed	No	Widespread and Common	Non-native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
50	Muridae	*Rattus tanezumi*	Asian house rat	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
51	Muridae	*Rattus tiomanicus*	Malaysian wood rat	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
52	Sciuridae	*Callosciurus notatus*	Plantain squirrel	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes	Also recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
53	Sciuridae	*Sundasciurus tenuis*	Slender squirrel	Least Concern	Least Concern	No	Restricted but Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
54	Soricidae	*Suncus murinus*	House shrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
55	Suidae	*Sus scrofa*	Eurasian wild boar	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes	Recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
56	Tupaiidae	*Tupaia glis*	Common treeshrew	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes	Recorded from camera trap	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
57	Viverridae	*Paradoxurus musangus*	Sumatran palm civet	Least Concern	Least Concern	No	Widespread but Uncommon	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

No.	Family Name	Scientific Name	Common Name	Global Status (IUCN, 2012)	Local Status (Davison et al. 2008)	Species of Conservation Significance	Distribution/Rarity (Baker & Lim, 2012)	Native Status (Baker & Lim, 2012)	Probable Species	Recorded Species (ESC, 2020; ERM, 2016)	Recorded Species	Remarks	Vibration-sensitivity	Auditory-sensitivity	Location
1	Emballonuridae	*Saccolaimus saccolaimus*	Pouch-bearing Bat	Least Concern	Not Listed	No	Widespread & Common	Native	Yes		No		Priority 2	Priority 2	Eng Neo Avenue Forest
2	Emballonuridae	*Taphozous melanopogon*	Black-bearded Tomb Bat	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
3	Pteropodidae	*Cynopterus brachyotis*	Lesser Dog-faced Fruit Bat	Least Concern	Not Listed	No	Widespread & Common	Native	Yes		Yes	Recorded via trapping.	Priority 1	Priority 1	Eng Neo Avenue Forest
4	Pteropodidae	*Eonycteris spelaea*	Cave Nectar Bat	Least Concern	Not Listed	No	Widespread but Uncommon	Native	Yes		Yes	Recorded via trapping.	Priority 1	Priority 1	Eng Neo Avenue Forest
5	Rhinolophidae	*Rhinolophus lepidus*	Glossy Horseshoe Bat	Least Concern	Not Listed	No	Restricted but Common	Native	Yes		Yes	Recorded via trapping and acoustic sampling.	Priority 1	Priority 1	Eng Neo Avenue Forest
6	Vespertilionidae	*Myotis horsfieldii*	Horsfield's Large-footed Myotis	Least Concern	N.A	No	N.A	Native	Yes		No		Priority 2	Priority 2	Eng Neo Avenue Forest
7	Vespertilionidae	*Myotis muricola*	Whiskered Myotis	Least Concern	Not Listed	No	Widespread & Common	Native	Yes		Yes	Recorded via acoustic sampling.	Priority 1	Priority 1	Eng Neo Avenue Forest
8	Vespertilionidae	*Pipistrellus javanicus*	Javan Pipistrelle	Least Concern	Not Listed	No	Widespread but Uncommon	Native	Yes		No		Priority 2	Priority 2	Eng Neo Avenue Forest
9	Vespertilionidae	*Scotophilus kuhlii*	Asiatic Lesser Yellow House Bat	Least Concern	Not Listed	No	Widespread & Common	Native	Yes		Yes	Recorded via acoustic sampling.	Priority 1	Priority 1	Eng Neo Avenue Forest
10	Vespertilionidae	*Tylonycteris pachypus*	Lesser Bamboo Bat	Least Concern	Critically Endangered	Yes	Rare & Restricted	Native	Yes		No		Priority 1	Priority 1	Eng Neo Avenue Forest
11	Vespertilionidae	*Tylonycteris robustula*	Greater Bamboo Bat	Least Concern	Not Listed	No	Widespread & Common	Native	Yes		No		Priority 2	Priority 2	Eng Neo Avenue Forest
12	Emballonuridae	*Saccolaimus saccolaimus*	Pouch-bearing Bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes					Windsor
13	Emballonuridae	*Taphozous melanopogon*	Black-bearded Tomb Bat	Least Concern	Endangered	Yes	Widespread but Rare	Native	Yes	No					Windsor
14	Molossidae	*Cheiromeles torquatus*	Naked Bulldog Bat	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No		Bukit Timah Nature Reserve, Central Catchment Nature Reserve, Jelutong Tower, Chestnut Drive, Rifle Range, Sembawang			Windsor
15	Nycteridae	*Nycteris tragata*	Southeast Asian Hollow-faced Bat	Near Threatened	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No		Central Catchment Nature Reserve, MacRitchie Reservoir, Rifle Range			Windsor
16	Pteropodidae	*Cynopterus brachyotis*	Lesser Dog-faced Fruit Bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes					Windsor
17	Pteropodidae	*Eonycteris spelaea*	Cave Nectar Bat	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	No					Windsor
18	Pteropodidae	*Pteropus vampyrus*	Large Flying Fox	Near Threatened	Not Assessed	No	N.A	Visitor	Yes	Yes					Windsor
19	Rhinolophidae	*Rhinolophus lepidus*	Glossy Horseshoe Bat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes	No					Windsor
20	Rhinolophidae	*Rhinolophus trifoliatus*	Trefoil Horseshoe Bat	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No		Central Catchment Nature Reserve, Pulau Tekong, Upper Peirce Reservoir Park, Upper Seletar Reservoir			Windsor
21	Vespertilionidae	*Kerivoula hardwickii*	Hardwicke's Woolly Bat	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No		Central Catchment Nature Reserve, Chestnut Track, Pulau Tekong, Upper Peirce Reservoir Park, Upper Seletar Reservoir			Windsor
22	Vespertilionidae	*Myotis muricola*	Whiskered Myotis	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes					Windsor
23	Vespertilionidae	*Myotis sp.*	Whiskered Bat	N.A	N.A	N.A	N.A	N.A	N.A	Yes					Windsor
24	Vespertilionidae	*Pipistrellus javanicus*	Javan Pipistrelle	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes	Yes					Windsor
25	Vespertilionidae	*Scotophilus kuhlii*	Asiatic Lesser Yellow House Bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes					Windsor
26	Vespertilionidae	*Tylonycteris fulvida*	Lesser Bamboo Bat	Least Concern	Critically Endangered	Yes	Restricted and Rare	Native	Yes	No					Windsor
27	Vespertilionidae	*Tylonycteris malayana*	Greater Bamboo Bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes	Yes					Windsor
28	Emballonuridae	*Saccolaimus saccolaimus*	Pouch tomb bat	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes	Recorded via acoustic sampling	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
29	Emballonuridae	*Taphozous melanopogon*	Black-bearded tomb bat	Least Concern	Least Concern	No	Widespread but Rare	Native	Yes		Yes	Recorded via acoustic sampling	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
30	Pteropodidae	*Cynopterus brachyotis*	Lesser short-nosed fruit bat	Least Concern	Not Assessed	No	Widespread and Common	Native	Yes		Yes		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
31	Pteropodidae	*Eonycteris spelaea*	Cave nectar bat	Least Concern	Vulnerable	Yes	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
32	Rhinolophidae	*Rhinolophus refulgens*	Glossy horseshoe bat	Least Concern	Not Assessed	No	Restricted but Common	Native	Yes		Yes	Recorded via acoustic sampling	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
33	Vespertilionidae	*Myotis muricola*	Asian whiskered myotis	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes	Recorded via acoustic sampling	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
34	Vespertilionidae	*Myotis horsfieldii*	Horsfield's myotis	Least Concern	Least Concern	No	NA	Native	No		Yes	Recorded via acoustic sampling	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
35	Vespertilionidae	*Pipistrellus javanicus*	Javan pipistrelle	Least Concern	Not Assessed	No	Widespread but Uncommon	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
36	Vespertilionidae	*Scotophilus kuhlii*	Lesser Asian house bat	Least Concern	Least Concern	No	Widespread and Common	Native	Yes		Yes	Recorded via acoustic sampling	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
37	Vespertilionidae	*Tylonycteris fulvida*	Lesser bamboo bat	Least Concern	Vulnerable	Yes	Restricted and Rare	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
38	Vespertilionidae	*Tylonycteris malayana*	Greater bamboo bat	Least Concern	Vulnerable	Yes	Widespread and Common	Native	Yes		No		Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)
39	Vespertilionidae	*Tylonycteris* sp.	Bamboo bat	NA	NA	Yes	NA	NA	NA		Yes	Also recorded via acoustic sampling	Priority 1	Priority 1	Forested Area adjacent to Fairways Quarters (Site I & II)

Appendix P

Baseline Ground-borne Vibration Monitoring Report

1. Baseline Vibration Monitoring Report

1.1 Measurement Equipment

Baseline vibration monitoring was conducted using the equipment detailed in Table 1-1 below.

Table 1-1 Vibration Monitoring Equipment

S/N	Equipment	Brand	Model	Serial Number	Calibration Date
1	Sound & Vibration Analyser	SVANTEK	SVAN977	36829	9 March 2020
				45484	9 March 2020
2	Accelerometer	SVANTEK	SV80	E2191	24 February 2020
				E3676	24 February 2020
3	Sound & Vibration Analyser	SVANTEK	SVAN958A	97712	27 April 2021
				97713	27 April 2021
4	Accelerometer	SVANTEK	SV207B	97712	27 April 2021
				97713	27 April 2021

1.2 Methodology

Baseline vibration monitoring includes primary data collection in the form of baseline ground-borne vibration monitoring in the study area. Of the criteria the Peak Particle Velocity (PPV) level is monitored. The purpose of the baseline monitoring is to understand what the existing vibration levels at the sensitive receptors are to establish the impact assessment criteria and in the event that a repeat monitoring event is to be conducted during the construction and/or operational phase of the Project, this monitoring data can be used as a reference of the existing baseline prior to any disturbance in the study area.

1.3 Baseline Vibration Monitoring Results

Baseline ground-borne vibration monitoring have been conducted on four (4) locations which are in proximity to the sensitive receptors and are representative of the baseline vibration levels of the sensitive receptors. The sources of vibration will be weather elements and the movement of the ecology in the vicinity. The vibration data monitored at the beginning and ending of the monitoring period has been omitted to exclude vibration caused while setting up and removal of the monitoring equipment.

Baseline vibration monitoring location V07 (2020), V07 (2022) and V07A (2022) is in an open area within Eng Neo Avenue Forest and CR2005 noticed transient passers-by from horses and small loaders. These activities within the vicinity are one of the sources of vibration at Eng Neo Avenue Forest. Baseline vibration monitoring location V07A (2022) is located deeper into the forest. Likewise, transient passers-by from horses and small loaders were the sources of vibration within the vicinity of Eng Neo Avenue Forest.

Extraneous vibration levels (e.g. rainfall) have been removed from the assessment. The vibration induced by rainfall on the transducer depends on many variables including rainfall rate and size of droplets therefore have been excluded from the baseline analysis. Hence, the baseline analysis at Eng Neo Avenue Forest excludes ground-borne vibration data from 25th June 2020 07:51 am onwards and on 18th January 2022, 5:30 - 5:39 PM. The average, maximum and 99th percentile baseline ground-borne vibration levels are summarised in Table 1-2.

Table 1-2 Summary of Baseline Ground-borne Vibration Levels

Baseline Vibration Monitoring Location	Date & Time	Baseline Ground-borne Vibration Levels mm/s
V07 (2020): Eng Neo Avenue Forest	25th June 2020 (14:16) – 26th June 2020	Average: 0.24 Maximum: 2.40 99th Percentile: 1.42
V07 (2022): Eng Neo Avenue Forest (Near the Forest Entrance)	14th January 2022 (14:30) – 20th January 2022	Average: 0.01 Maximum: 0.26 99th Percentile: 0.02

V07A (2022): Eng Neo Avenue Forest (Deeper into the Forest)	14th January 2022 (14:30) – 20th January 2022	Average: 0.01 Maximum: 0.20 99th Percentile: 0.02
V08: Eng Neo Avenue Forest	24th June 2020 (15:43) – 25th June 2020	Average: 0.03 Maximum: 0.12 99th Percentile: 0.07

Table 1-3 Baseline Vibration Monitoring at Eng Neo Avenue Forest V07 (2020)

Date / Time: 25th June 2020 (14:16) – 26th June 2020 (14:16)	
Baseline Vibration Monitoring Location	Setup of Vibration Monitoring
V07 (2020): Eng Neo Avenue Forest	

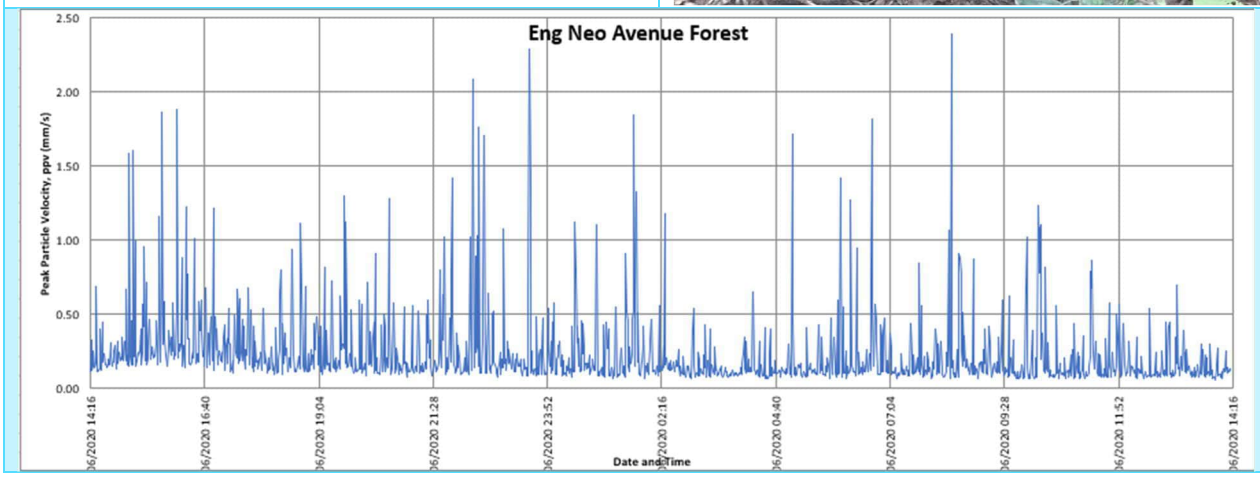


Table 1-4 Baseline Vibration Monitoring at Eng Neo Avenue Forest V07 (2022)

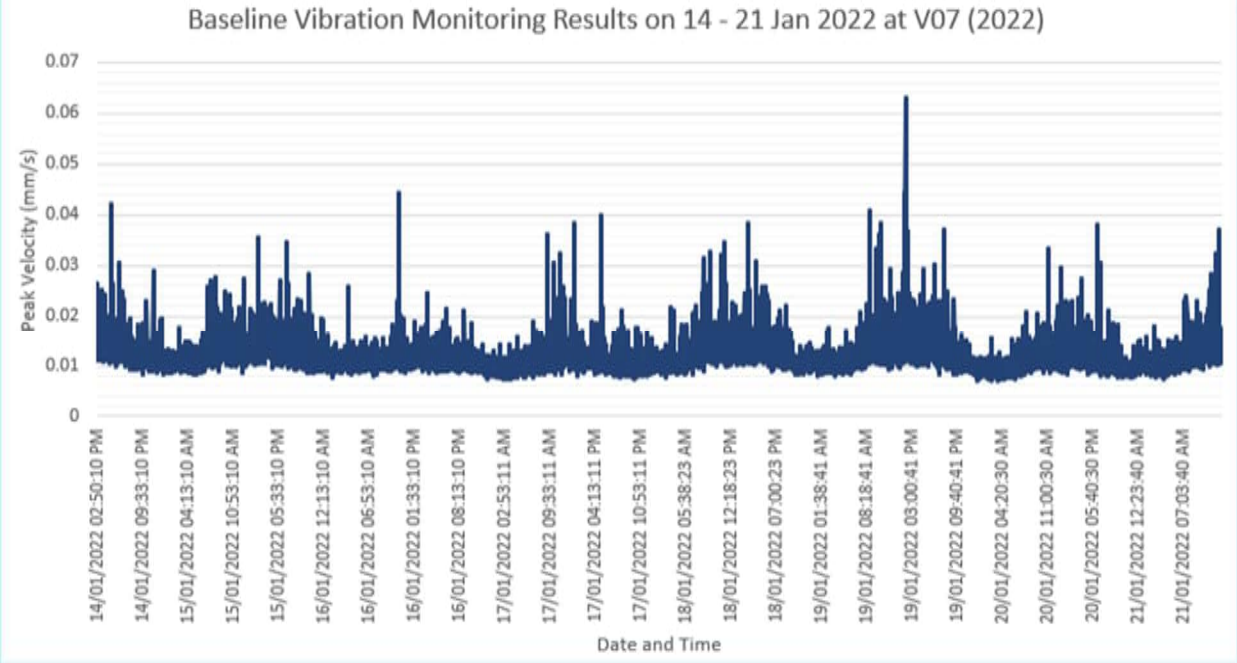
Date / Time: 14th January 2022 (14:30) – 20th January 2022 (14:30)	
Baseline Vibration Monitoring Location	Setup of Vibration Monitoring
V07 (2022): Eng Neo Avenue Forest (Near the Forest Entrance)	
	
	

Table 1-5 Baseline Vibration Monitoring at Eng Neo Avenue Forest (Deeper into the Forest) V07A (2022)

Date / Time: 14th January 2022 (14:30) – 20th January 2022 (14:30)	
Baseline Vibration Monitoring Location	Setup of Vibration Monitoring
V07A (2022): Eng Neo Avenue Forest (Deeper into the Forest)	

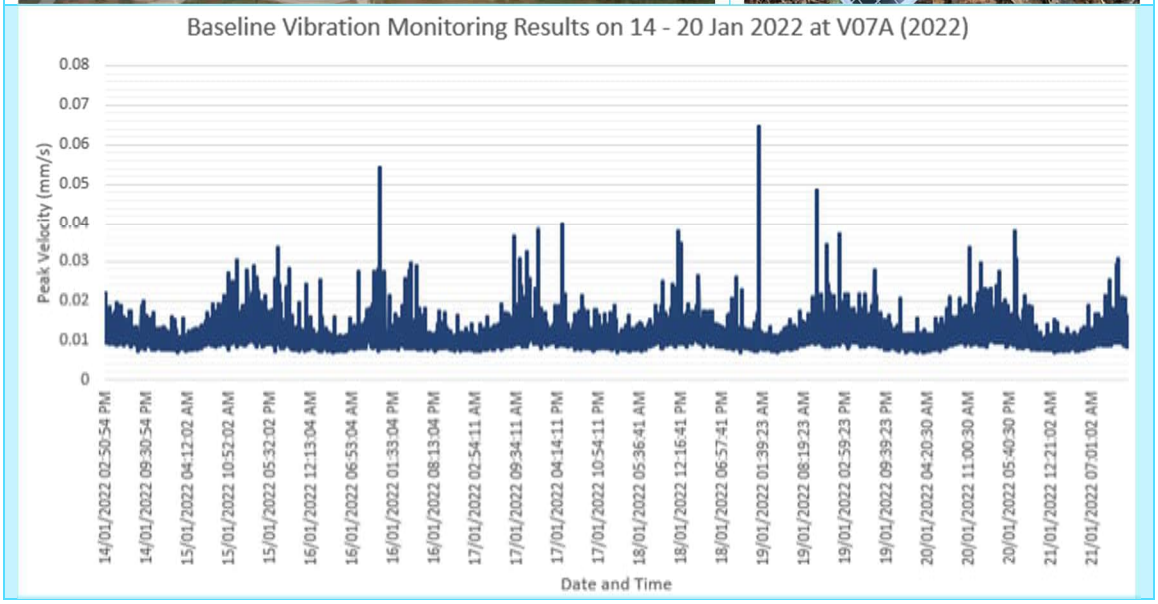
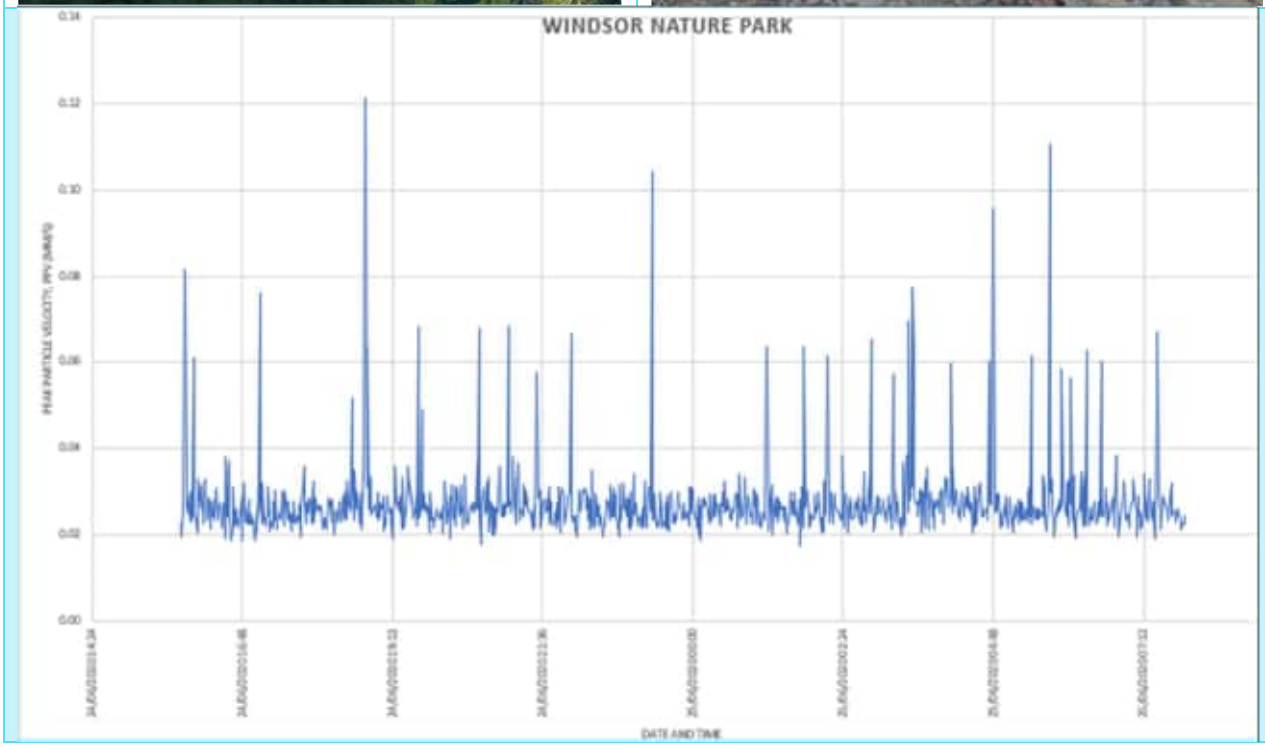


Table 1-6 Baseline Vibration Monitoring at Windsor Nature Park

Date / Time: 24th June 2020 (15:43) – 25th June 2020 (09:10)	
Baseline Vibration Monitoring Location	Setup of Vibration Monitoring
V08: Windsor Nature Park 	
	

Appendix Q

Monitoring Equipment Calibration Certificates

Calibration Certificates of Noise and Vibration Monitoring Equipment

Certificate of Calibration

Certificate No.: 475054772

Object:	Precision Sound Level Meter Nor131
Supplier:	Norsonic AS
Type:	Nor131
Serial number:	1313979
Client:	TME Systems Pte. Ltd

This instrument is tested and calibrated in accordance to the Norsonic production standard set for Nor131, ensuring that the instrument conforms to the following standards;

IEC 61672-1:2002 class 1
IEC 61260-1 class 1 Ed 1.0 2014-02
ANSI S1.4-1983 (R2001) with amd. S1.4A-1985 class 1
ANSI S1.43-1997 (R2002) class 1
ANSI S1.11-2004 class 1
DIN 45 657, Applicable parts
IEC 61094 part 4

Instrumentation used for calibration traceable to:

Electrical Parameters: MT, Norway
Acoustical Parameters: PTB, Germany
Environmental Parameters: Justervesenet. Norway

FW version:	4.0.1312 2019-03-20 13:16r
Id no.:	5054772
Accessories:	Preamplifier type: 1207 S.no: 21124 Microphone type: 1228 S.no: 02786
Comments:	None

Date of calibration:	**Calibration interval recommended:**
2019-06-06	2 years

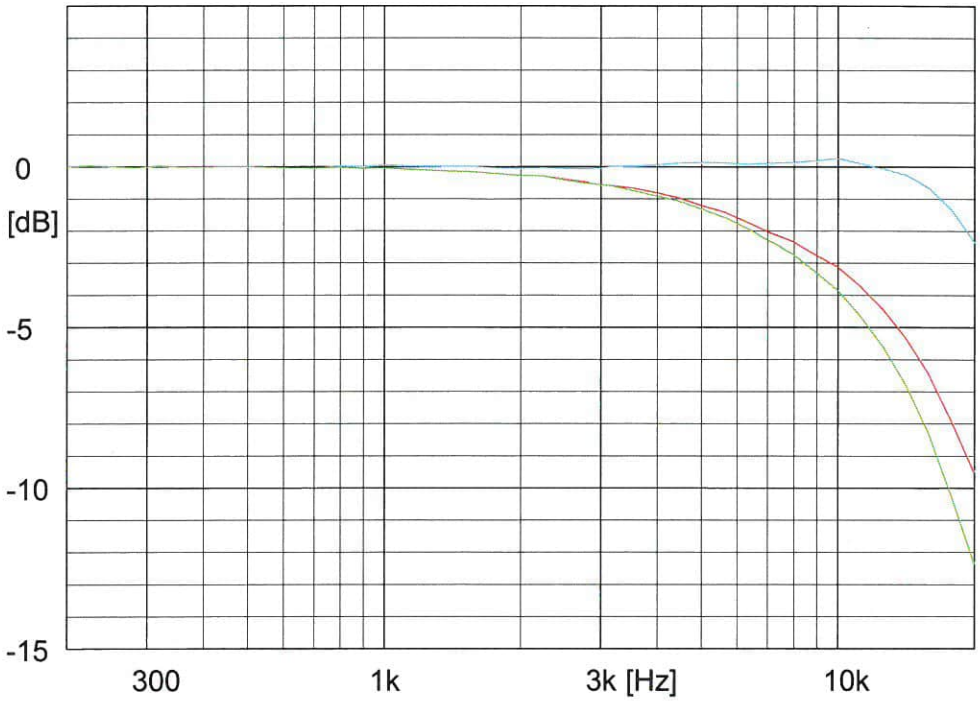
The environmental parameters applicable to this calibration are kept well within limits ensuring negligible deviation on obtained measurement results.

Calibrated by:
Anders Amundsen

Sign. _____

Norsonic AS, P.B 24, 3421 Lierskogen. Visitor address: Gunnersbråtan 2, Tranby, Norway.
Phone +47 32858900 Fax.: +47 32852208. email: info@norsonic.com

Microphone Calibration Certificate



Norsonic
Type: 1228

Serial no: 02786

Sensitivity: 48,1 mV/Pa
-26,4 dB re. 1 V/Pa
Capacitance: 12,7 pF
Date: 2019-03-22

Signature: E. March

Measurement conditions:

Polarisation voltage:	0,0 V
Pressure:	99,41 kPa
Temperature:	24,1 °C
Relative humidity:	40,4 %RH

Results are normalized to the reference conditions.

Free field response
Diffuse field response
Pressure (Actuator) response

Norsonic AS
www.norsonic.com

Microphone Specifications

Calibration of your microphone cartridge has been made with utmost care to meet all your needs for a high quality measurement device. The calibration is traceable to PTB in Germany.

Nominal Specifications

Ambient temperature coeffecient: 0.01 dB/°C
Ambient pressure coeffecient: -1×10^{-5} dB/Pa
Temperature range: -30 to +70°C
Diameter: 13.2 mm with protection grid on,
12.7 mm without protection grid
Thread for preamp mounting: 11.7 mm 60 UNS

Reference Values

Temperature: 23°C
Relative humidity: 50%
Ambient pressure: 101.325 kPa
Test frequency for sensitivity: 250 Hz

Norsonic Warranty Statement

The warranty period for microphones is 36 months after the time of delivery.
The warranty does not include damage due to improper handling, overload, force majeur, or normal wear and tear. The warranty is not granted if the buyer make modifications or repairs without our written consent. Norsonic can choose either to repair or replace microphones having defects due to material or workmanship. Defective goods should be returned to our factory or one of our distributors, and shipments are to be paid and insured by the buyer unless otherwise agreed.

Certificate of Calibration

Certificate No.: 475066674

Object:	Precision Sound Level Meter Nor131
Supplier:	Norsonic AS
Type:	Nor131
Serial number:	1313980
Client:	TME Systems Pte. Ltd

This instrument is tested and calibrated in accordance to the Norsonic production standard set for Nor131, ensuring that the instrument conforms to the following standards;

IEC 61672-1:2002 class 1
IEC 61260-1 class 1 Ed 1.0 2014-02
ANSI S1.4-1983 (R2001) with amd. S1.4A-1985 class 1
ANSI S1.43-1997 (R2002) class 1
ANSI S1.11-2004 class 1
DIN 45 657, Applicable parts
IEC 61094 part 4

Instrumentation used for calibration traceable to:

Electrical Parameters: MT, Norway
Acoustical Parameters: PTB, Germany
Environmental Parameters: Justervesenet. Norway

FW version:	4.0.1312 2019-03-20 13:16r
Id no.:	5066674
Accessories:	Preamplifier type: 1207 S.no: 21125 Microphone type: 1228 S.no: 03256
Comments:	None

Date of calibration:	**Calibration interval recommended:**
2019-06-06	2 years

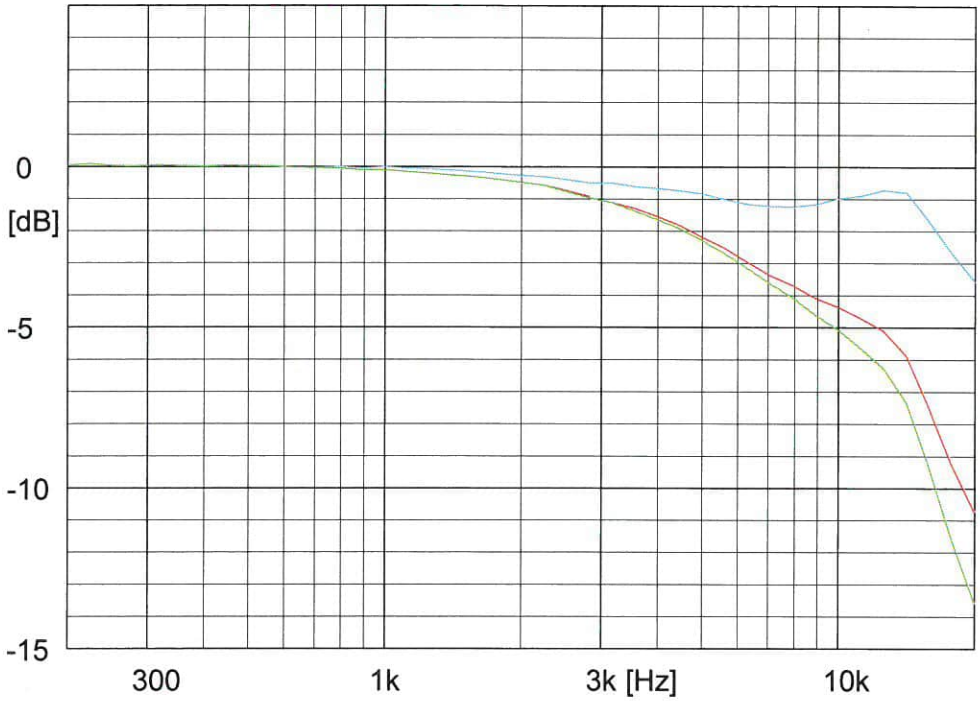
The environmental parameters applicable to this calibration are kept well within limits ensuring negligible deviation on obtained measurement results.

Calibrated by:
Anders Amundsen

Sign. AA

Norsonic AS, P.B 24, 3421 Lierskogen. Visitor address: Gunnersbråtan 2, Tranby, Norway.
Phone +47 32858900 Fax.: +47 32852208. email: info@norsonic.com

Microphone Calibration Certificate



Norsonic
Type: 1228

Serial no: 03256

Sensitivity: 51,8 mV/Pa
-25,7 dB re. 1 V/Pa
Capacitance: 15,9 pF
Date: 2019-03-22

Signature: E March

Measurement conditions:

Polarisation voltage:	0,0 V
Pressure:	99,37 kPa
Temperature:	24,2 °C
Relative humidity:	41,3 %RH

Results are normalized to the reference conditions.

Free field response
Diffuse field response
Pressure (Actuator) response

Norsonic AS
www.norsonic.com

Microphone Specifications

Calibration of your microphone cartridge has been made with utmost care to meet all your needs for a high quality measurement device. The calibration is traceable to PTB in Germany.

Nominal Specifications

Ambient temperature coeffecient: 0.01 dB/°C
Ambient pressure coeffecient: -1×10^{-5} dB/Pa
Temperature range: -30 to +70°C
Diameter: 13.2 mm with protection grid on,
12.7 mm without protection grid
Thread for preamp mounting: 11.7 mm 60 UNS

Reference Values

Temperature: 23°C
Relative humidity: 50%
Ambient pressure: 101.325 kPa
Test frequency for sensitivity: 250 Hz

Norsonic Warranty Statement

The warranty period for microphones is 36 months after the time of delivery.
The warranty does not include damage due to improper handling, overload, force majeur, or normal wear and tear. The warranty is not granted if the buyer make modifications or repairs without our written consent. Norsonic can choose either to repair or replace microphones having defects due to material or workmanship. Defective goods should be returned to our factory or one of our distributors, and shipments are to be paid and insured by the buyer unless otherwise agreed.

Certificate of Calibration

Certificate No.: 475066194

Object:	Precision Sound Level Meter Nor131
Supplier:	Norsonic AS
Type:	Nor131
Serial number:	1313989
Client:	AECOM SINGAPORE PTE LTD

This instrument is tested and calibrated in accordance to the Norsonic production standard set for Nor131, ensuring that the instrument conforms to the following standards;

IEC 61672-1:2002 class 1
IEC 61260-1 class 1 Ed 1.0 2014-02
ANSI S1.4-1983 (R2001) with amd. S1.4A-1985 class 1
ANSI S1.43-1997 (R2002) class 1
ANSI S1.11-2004 class 1
DIN 45 657, Applicable parts
IEC 61094 part 4

Instrumentation used for calibration traceable to:

Electrical Parameters: MT, Norway
Acoustical Parameters: PTB, Germany
Environmental Parameters: Justervesenet. Norway

FW version:	4.0.1312 2019-03-20 13:16r
Id no.:	5066194
Accessories:	Preamplifier type: 1207 S.no: 21146 Microphone type: 1228 S.no: 03138
Comments:	None

Date of calibration:	**Calibration interval recommended:**
2019-08-01	2 years

The environmental parameters applicable to this calibration are kept well within limits ensuring negligible deviation on obtained measurement results.

Calibrated by:
Anders Amundsen

Sign.

Norsonic
PO.BOX 24, N 3420 LIERSKOGEN, NORWAY
TEL: +47 32 85 89 00

Norsonic AS, P.B 24, 3421 Lierskogen. Visitor address: Gunnersbråtan 2, Tranby, Norway.
Phone +47 32858900 Fax.: +47 32852208. email: info@norsonic.com

Norsonic **Calibration Chart**

Model: Nor 1228 Serial No: 03138

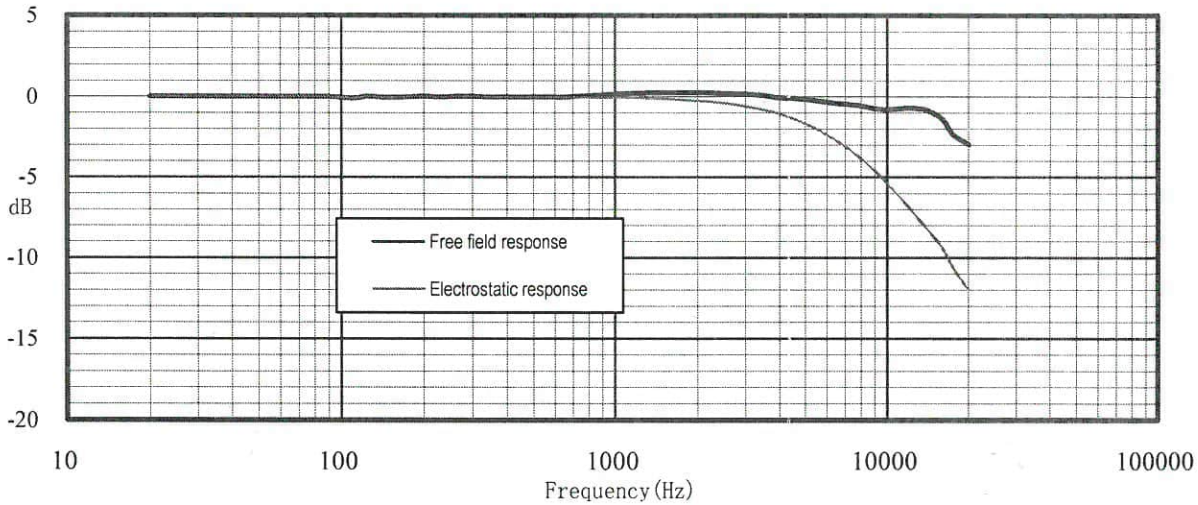
Open Circuit Sensitivity Level:

-26.0dB ref 1 V/Pa or 50.2mV/Pa @ 250Hz

Signature: _____ Date: 03/06/2019

Test Conditions:

Polarization Voltage : 0 V
Relative Humidity: 47%
Temperature: 22 ℃



Certificate of Calibration

Certificate No.: 475066660

Object:	Precision Sound Level Meter Nor131
Supplier:	Norsonic AS
Type:	Nor131
Serial number:	1313950
Client:	AECOM SINGAPORE

This instrument is tested and calibrated in accordance to the Norsonic production standard set for Nor131, ensuring that the instrument conforms to the following standards;

IEC 61672-1:2002 class 1
IEC 61260-1 class 1 Ed 1.0 2014-02
ANSI S1.4-1983 (R2001) with amd. S1.4A-1985 class 1
ANSI S1.43-1997 (R2002) class 1
ANSI S1.11-2004 class 1
DIN 45 657, Applicable parts
IEC 61094 part 4

Instrumentation used for calibration traceable to:

Electrical Parameters: MT, Norway
Acoustical Parameters: PTB, Germany
Environmental Parameters: Justervesenet. Norway

FW version:	4.0.1282 2018-11-02 12:39r
Id no.:	5066660
Accessories:	Preamplifier type: 1207 S.no: 21094 Microphone type: 1228 S.no: 03148
Comments:	None

Date of calibration:	**Calibration interval recommended:**
2019-02-14	2 years

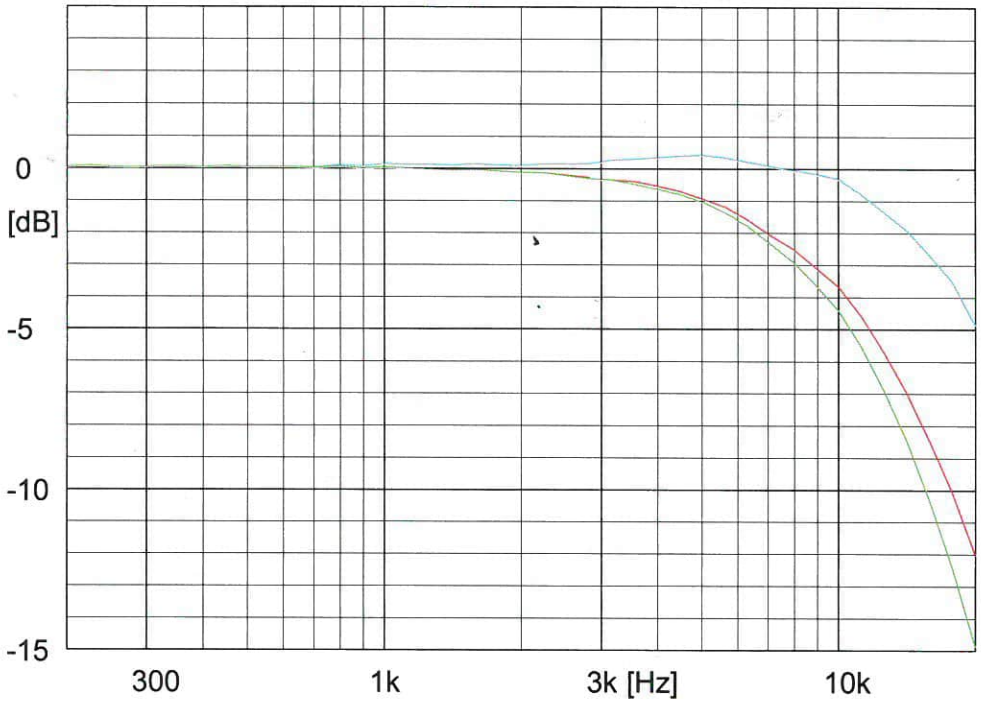
The environmental parameters applicable to this calibration are kept well within limits ensuring negligible deviation on obtained measurement results.

Calibrated by:
Anders Amundsen

Sign.

Norsonic AS, P.B 24, 3421 Lierskogen. Visitor address: Gunnersbråtan 2, Tranby, Norway.
Phone +47 32858900 Fax.: +47 32852208. email: info@norsonic.com

Microphone Calibration Certificate



Norsonic
Type: 1228

Serial no: 03148

Sensitivity: 49,1 mV/Pa
-26,2 dB re. 1 V/Pa
Capacitance: 10,4 pF
Date: 2019-02-13

Signature: E. Hoch

Measurement conditions:

Polarisation voltage:	0,0 V
Pressure:	98,80 kPa
Temperature:	24,4 °C
Relative humidity:	43,0 %RH

Results are normalized to the reference conditions.

Free field response
Diffuse field response
Pressure (Actuator) response

Norsonic AS
www.norsonic.com

Microphone Specifications

Calibration of your microphone cartridge has been made with utmost care to meet all your needs for a high quality measurement device. The calibration is traceable to PTB in Germany.

Nominal Specifications

Ambient temperature coeffecient: 0.01 dB/°C
Ambient pressure coeffecient: -1×10^{-5} dB/Pa
Temperature range: -30 to +70°C
Diameter: 13.2 mm with protection grid on,
12.7 mm without protection grid
Thread for preamp mounting: 11.7 mm 60 UNS

Reference Values

Temperature: 23°C
Relative humidity: 50%
Ambient pressure: 101.325 kPa
Test frequency for sensitivity: 250 Hz

Norsonic Warranty Statement

The warranty period for microphones is 36 months after the time of delivery.
The warranty does not include damage due to improper handling, overload, force majeur, or normal wear and tear. The warranty is not granted if the buyer make modifications or repairs without our written consent. Norsonic can choose either to repair or replace microphones having defects due to material or workmanship. Defective goods should be returned to our factory or one of our distributors, and shipments are to be paid and insured by the buyer unless otherwise agreed.

National Metrology Centre
A*STAR

National Metrology Centre
1 Science Park Drive Singapore 118221
Tel: (65) 6279 1900 Fax: (65) 6279 1992
Website: www.a-star.edu.sg/nmc

CALIBRATION REPORT

Report No. : **AL001457**

Customer : AECOM Singapore Pte Ltd
300 Beach Road
Unit 23-00 The Concourse
Singapore 199555

Subject Details

Subject	:	Accelerometer
Manufacturer	:	Svantek
Model	:	SV80
Serial No.	:	E3676
Sales Order No.	:	2028027064/2
Calibration Date	:	2020-02-24

Ambient Conditions

Temperature	:	(23 ± 3) °C
Relative Humidity	:	(55 ± 5) % relative humidity

Chan Chee Keong
Calibration Officer

Cui Shan
Approving Officer
Mechanical Metrology
Date of Issue: 2020-03-02

For further enquiries, please contact the Approving Officer, Cui Shan at Tel: +65 6279 1912, Fax: +65 6279 1994 or Email: cui_shan@nmc.a-star.edu.sg

Method of Calibration

The accelerometer has been calibrated at the National Metrology Centre under the ambient conditions stated on page 1.

The calibration was performed as set out in procedure MM/ACC/01 as appropriate, which is based on ISO 16063-21:2003, Methods for the calibration of vibration and shock transducers – Part 21: Vibration calibration by comparison to a reference transducer.

The accelerometer was exposed to sinusoidal acceleration which was applied by means of an electrodynamic vibration exciter. The accelerometer was mounted at a torque of about 2 Nm using a stainless steel screw. Exciting axis was vertical, relative to the earth gravity.

The sensitivity of the accelerometer was calculated as the ratio of the amplitude of the output voltage of the accelerometer to the amplitude of the acceleration acting on the accelerometer under test.

The calibration was performed using the following instruments and standards traceable to national reference standards maintained at the National Metrology Centre:

1)	Spektra SRS 35 Vibration Control System	(serial no.: 201307)
2)	PCB M353B17 ICP Accelerometer	(serial no.: LW166504)
3)	Spektra SE-09 Vibration Exciter	(serial no.: 760)
4)	Spektra PA14-500 Power Amplifier	(serial no.: B14-500E02A13K0156)
5)	Spektra CS18 Software	(serial no.: Ver. 2.15.15.2)
6)	Rotronic NT3-D-CL Thermohygrometer	(serial no.: 60140834)

Results of Calibration

The user should determine the suitability of the instrument for its intended use. The recalibration interval should be determined based on the user's requirements.

Calibration Officer

Results of Calibration

Frequency Hz	Acceleration g Peak	Sensitivity mV/g	Expanded uncertainty of measurement %
20	1.214	103.0	0.8
40	4.844	102.5	0.8
80	5.129	102.0	0.8
160	5.114	101.5	0.8
315	5.106	100.9	0.8
630	5.104	100.3	0.8
1250	10.19	99.58	1.1
2500	10.19	99.16	1.1
5000	10.14	100.5	1.1
10000	10.20	105.0	2.0
14000	10.22	116.6	4.0

The expanded uncertainties of measurement stated in this report are estimated at a confidence level of approximately 95% with a coverage factor k=2.

Calibration Officer

National Metrology Centre
A*STAR

National Metrology Centre
1 Science Park Drive Singapore 118221
Tel: (65) 6279 1900 Fax: (65) 6279 1992
Website: www.a-star.edu.sg/nmc

CALIBRATION REPORT

Report No. : **AL001458**

Customer : AECOM Singapore Pte Ltd
300 Beach Road
Unit 23-00 The Concourse
Singapore 199555

Subject Details

Subject	:	Accelerometer
Manufacturer	:	Svantek
Model	:	SV80
Serial No.	:	E2191
Sales Order No.	:	2028027064/1
Calibration Date	:	2020-02-24

Ambient Conditions

Temperature	:	(23 ± 3) °C
Relative Humidity	:	(55 ± 5) % relative humidity

Chan Chee Keong
Calibration Officer

Cui Shan
Approving Officer
Mechanical Metrology
Date of Issue: 2020-03-03

For further enquiries, please contact the Approving Officer, Cui Shan at Tel: +65 6279 1912, Fax: +65 6279 1994 or Email: cui_shan@nmc.a-star.edu.sg

Method of Calibration

The accelerometer has been calibrated at the National Metrology Centre under the ambient conditions stated on page 1.

The calibration was performed as set out in procedure MM/ACC/01 as appropriate, which is based on ISO 16063-21:2003, Methods for the calibration of vibration and shock transducers – Part 21: Vibration calibration by comparison to a reference transducer.

The accelerometer was exposed to sinusoidal acceleration which was applied by means of an electrodynamic vibration exciter. The accelerometer was mounted at a torque of about 2 Nm using a stainless steel screw. Exciting axis was vertical, relative to the earth gravity.

The sensitivity of the accelerometer was calculated as the ratio of the amplitude of the output voltage of the accelerometer to the amplitude of the acceleration acting on the accelerometer under test.

The calibration was performed using the following instruments and standards traceable to national reference standards maintained at the National Metrology Centre:

1)	Spektra SRS 35 Vibration Control System	(serial no.: 201307)
2)	PCB 3701G2FA3G Capacitive Accelerometer	(serial no.: 8832)
3)	APS 113AB Long-stroke Vibration Exciter	(serial no.: 2275)
4)	APS 125 Power Amplifier	(serial no.: B125E03A13K0087)
5)	APS 0109 Zero Position Controller	(serial no.: B0109E01A09K0141)
6)	Spektra CS18 Software	(serial no.: Ver. 2.15.15.2)
7)	Rotronic NT3-D-CL Thermohygrometer	(serial no.: 60140834)

Results of Calibration

The user should determine the suitability of the instrument for its intended use. The recalibration interval should be determined based on the user's requirements.

Calibration Officer

Results of Calibration

Frequency Hz	Acceleration g Peak	Sensitivity mV/g	Expanded uncertainty of measurement %
0.5	0.013	85.49	4.6
1	0.050	98.36	1.1
2	0.203	102.5	0.8
4	0.813	103.3	0.8
8	1.023	103.1	0.8
16	0.996	102.5	0.8
31.5	0.994	102.0	0.8
63	0.996	101.6	0.8
125	0.998	101.1	1.1
160	1.001	100.7	1.1

The expanded uncertainties of measurement stated in this report are estimated at a confidence level of approximately 95% with a coverage factor k=2.

Calibration Officer

National Metrology Centre
A*STAR

National Metrology Centre
1 Science Park Drive Singapore 118221
Tel: (65) 6279 1900 Fax: (65) 6279 1992
Website: www.a-star.edu.sg/nmc

CALIBRATION REPORT

Report No. : **AL001469**

Customer : AECOM Singapore Pte Ltd
300 Beach Road
Unit 23-00 The Concourse
Singapore 199555

Subject Details

Subject	:	Sound & Vibration Analyser
Manufacturer	:	Svantek
Model	:	Svan 977
Serial No.	:	45484
Sales Order No.	:	2028027064/3
Calibration Date	:	2020-03-09

Ambient Conditions

Temperature	:	(23 ± 3) °C
Relative Humidity	:	(55 ± 5) % relative humidity

Chan Chee Keong
Calibration Officer

Cui Shan
Approving Officer
Mechanical Metrology
Date of Issue: 2020-03-10

For further enquiries, please contact the Approving Officer, Cui Shan at Tel: +65 6279 1912, Fax: +65 6279 1994 or Email: cui_shan@nmc.a-star.edu.sg

Method of Calibration

The sound & vibration analyser (SLM) was calibrated as set out in procedure MM/SLM/01 as appropriate, which is based on the procedures from IEC 61672-3:2013 Electroacoustics – Sound level meters – Part 3: Periodic tests.

The SLM was calibrated as received. No adjustment was carried out.

The calibration was performed using the following instruments and standards traceable to national reference standards maintained at the National Metrology Centre:

1)	SRS DS360 Function Generator	(serial no.: 33187)
2)	HP 34401A Multimeter	(serial no.: US36018527)
3)	Norsonic 483B Calibration Unit	(serial no.: 31048)
4)	Norsonic 1447/2 ½" Preamplifier	(serial no.: 31547)
5)	Norsonic 1019 Calibration Program	(serial no.: Version 6.1 2016-05-24)
6)	B&K 4191 Free-field ½" Microphone	(serial no.: 3024406)
7)	Microtech Gefell MV203 ½" Microphone Preamplifier	(serial no.: 2392)
8)	B&K 4231 Sound Calibrator	(serial no.: 3019941)
9)	Spektra CS18 Control Unit	(serial no.: 201804)
10)	Spektra SQ-101.2 Anechoic Chamber	(serial no.: 1801)
11)	Spektra Calibration Program	(serial no.: Rev. 3.5.4.0)
12)	Spektra PA 14-180 Power Amplifier	(serial no.: BS14180E02A17K0011)
13)	Vaisala HMP233 Humidity & Temperature Transmitter	(serial no.: S0310023)
14)	Druck 141 Resonant Sensor Barometer	(serial no.: 389/96-06)

Environmental conditions during calibration,

Air pressure:	(100.625 – 100.651) kPa
Air temperature:	(20.9 – 21.5) °C
Relative humidity:	(51.7 – 52.8) % relative humidity

Results of Calibration

The SLM submitted for testing successfully completed the periodic tests of IEC 61672-3:2013, for the environmental conditions under which the tests were performed. However, no general statement or conclusion can be made about conformance of the SLM to the full specifications of IEC 61672-1:2013 because evidence was not publicly available, from an independent testing organization responsible for the pattern approvals, to demonstrate that the SLM fully conformed to the class 1 specifications in IEC 61672-1:2013 and because the periodic tests of IEC 61672-3:2013 cover only a limited subset of the specifications in IEC 61672-1:2013.

Calibration Officer

Results of Calibration

Preliminary Inspection – IEC 61672-3 section 5

The SLM was visually inspected. All relevant controls and display were in working order.

Microphone	:	ACO 7052E No 59465
Preamplifier	:	Svantek SV 12L No. 42585
Software	:	Version 1.26.2
Instruction manual	:	-

Indication at the calibration check frequency – IEC 61672-3 section 10

The indication of the SLM at the calibration level and frequency was checked by application of a calibrated acoustic calibrator. SLM setting: SPL Fast A.

Ref SPL [dB] at 1 kHz	SLM before adjust [dB]	SLM after adjust [dB]	Measurement uncertainty [dB]
114.02	114.0	-	0.2

Self-generated noise, microphone installed – IEC 61672-3 section 11.1

The SLM microphone was inserted into a closed coupler to minimize environmental noise. SLM setting: Leq Fast. Measurement time was about 30 seconds.

Frequency weighting	SLM [dB]
A	36.7

The A-weighted level of self-generated noise is reported for information only and is not used to assess conformance to a requirement. The level of self-generated noise is reported without an associated uncertainty (IEC 61672-3 section 11.1, Note 2).

Calibration Officer

Results of Calibration

Self-generated noise by the electrical input-signal device – IEC 61672-3 section 11.2

A low impedance 18 pF adapter was substituted for the SLM microphone. SLM setting: Leq Fast. Measurement time was 30 seconds.

Frequency weighting	SLM [dB]
A	18.5
C	18.4
Z	21.8

The level of self-generated noise is reported for information only and is not used to assess conformance to a requirement. The level is reported without an associated uncertainty (IEC 61672-3 section 11.2, Note).

Acoustical signal tests of a frequency weighting – IEC 61672-3 section 12

Response to acoustical signal at frequency-weighting C was tested in an anechoic chamber under free-field conditions. Expected level was calculated as the reference SPL with the corresponding C-weighted level. SLM setting: SPL Fast C.

Freq [Hz]	Reference SPL [dB]	Expected [dB]	SLM [dB]	Acceptance limits [dB]		Measurement uncertainty [dB]
125	84.01	83.8	84.0	82.8	84.8	0.4
250	84.01	84.0	84.2	83.0	85.0	0.3
500	84.00	84.0	84.2	83.0	85.0	0.3
1000	84.03	84.0	84.1	83.3	84.7	0.3
2000	84.02	83.8	84.2	82.8	84.8	0.3
4000	84.02	83.2	83.8	82.2	84.2	0.3
8000	84.04	81.0	82.3	78.5	82.5	0.3

Calibration Officer

Results of Calibration

Electrical signal tests of frequency weightings – IEC 61672-3 section 13

The SLM microphone was substituted with an electrical input adaptor and the frequency response relative to level at 1 kHz using electrical signal was measured at 45 dB below the top of the SLM full scale range.

A weighting

Freq [Hz]	Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]
63.1	95.0	95.0	0.0	-1.0	1.0	0.2
125.9	95.0	95.0	0.0	-1.0	1.0	0.2
251.2	95.0	94.9	-0.1	-1.0	1.0	0.2
501.2	95.0	94.9	-0.1	-1.0	1.0	0.2
1000.0	95.0	95.0	0.0	-0.7	0.7	0.2
1995.3	95.0	95.0	0.0	-1.0	1.0	0.2
3981.1	95.0	95.0	0.0	-1.0	1.0	0.2
7943.3	95.0	95.1	0.1	-2.5	1.5	0.2
15848.9	95.0	94.8	-0.2	-16.0	2.5	0.2

C weighting

Freq [Hz]	Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]
63.1	95.0	95.0	0.0	-1.0	1.0	0.2
125.9	95.0	95.0	0.0	-1.0	1.0	0.2
251.2	95.0	95.0	0.0	-1.0	1.0	0.2
501.2	95.0	95.0	0.0	-1.0	1.0	0.2
1000.0	95.0	95.0	0.0	-0.7	0.7	0.2
1995.3	95.0	95.0	0.0	-1.0	1.0	0.2
3981.1	95.0	95.0	0.0	-1.0	1.0	0.2
7943.3	95.0	95.1	0.1	-2.5	1.5	0.2
15848.9	95.0	94.8	-0.2	-16.0	2.5	0.2

Calibration Officer

Results of Calibration

Z weighting

Freq [Hz]	Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]
63.1	95.0	95.0	0.0	-1.0	1.0	0.2
125.9	95.0	95.0	0.0	-1.0	1.0	0.2
251.2	95.0	95.0	0.0	-1.0	1.0	0.2
501.2	95.0	95.0	0.0	-1.0	1.0	0.2
1000.0	95.0	95.0	0.0	-0.7	0.7	0.2
1995.3	95.0	95.0	0.0	-1.0	1.0	0.2
3981.1	95.0	95.0	0.0	-1.0	1.0	0.2
7943.3	95.0	95.0	0.0	-2.5	1.5	0.2
15848.9	95.0	95.0	0.0	-16.0	2.5	0.2

Frequency and time weightings at 1 kHz – IEC 61672-3 section 14

Deviation of measurement relative to A-weighted and Fast response shall not differ more than 0.1 dB acceptance limits given in IEC 61672-1:2013.

Time	Weighting	Expected [dB]	SLM [dB]	Deviation [dB]	Uncertainty [dB]
Fast	A	114.0	114.0	Reference SPL	0.2
Fast	C	114.0	114.0	0.0	0.2
Fast	Z	114.0	114.0	0.0	0.2
Slow	A	114.0	114.0	0.0	0.2
Leq	A	114.0	114.0	0.0	0.2
SEL	A	134.0	134.0	0.0	0.2

Long-term stability – IEC 61672-3 section 15

The SLM stability was evaluated for difference between levels with a steady 1 kHz signal applied at the beginning and end of a period of operation. SLM setting: SPL Fast A.

Period [mm:ss]	Initial level [dB]	Final level [dB]	Difference [dB]	Acceptance limits [dB]		Uncertainty [dB]
35:04	114.0	114.0	0.0	-0.1	0.1	0.1

Calibration Officer

Results of Calibration

Level linearity on the reference level range – IEC 61672-3 clause 16

The SLM linearity was tested with a steady electrical signal at 8 kHz. The test began with the signal adjusted to the reference level of 114 dB and increasing the signal level up to the 1st indication of overload or upper boundary operating range and decreasing the signal level down to the SLM lower boundary operating range. SLM setting: SPL Fast A.

Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]	
114.0	114.0	0.0	-0.8	0.8	0.2	
119.0	119.0	0.0	-0.8	0.8	0.2	
124.0	124.0	0.0	-0.8	0.8	0.2	
129.0	129.0	0.0	-0.8	0.8	0.2	
134.9	134.9	0.0	-0.8	0.8	0.2	
135.9	135.9 ↑	0.0	-0.8	0.8	0.2	Overload
114.0	114.0	0.0	-0.8	0.8	0.2	
109.0	109.0	0.0	-0.8	0.8	0.2	
104.0	104.0	0.0	-0.8	0.8	0.2	
99.0	99.0	0.0	-0.8	0.8	0.2	
94.0	94.0	0.0	-0.8	0.8	0.2	
89.0	89.0	0.0	-0.8	0.8	0.2	
84.0	84.0	0.0	-0.8	0.8	0.2	
79.0	79.0	0.0	-0.8	0.8	0.2	
74.0	74.0	0.0	-0.8	0.8	0.2	
69.0	69.0	0.0	-0.8	0.8	0.2	
64.0	64.0	0.0	-0.8	0.8	0.2	
59.0	59.0	0.0	-0.8	0.8	0.2	
54.0	54.0	0.0	-0.8	0.8	0.2	
49.0	49.0	0.0	-0.8	0.8	0.2	
44.0	44.1	0.1	-0.8	0.8	0.2	
43.0	43.1	0.1	-0.8	0.8	0.2	
42.0	42.1	0.1	-0.8	0.8	0.2	
41.0	41.1	0.1	-0.8	0.8	0.2	
40.0	40.1	0.1	-0.8	0.8	0.2	

Calibration Officer

Results of Calibration

Toneburst response – IEC 61672-3 section 18

Response to 4 kHz toneburst, relative to continuous signal were measured at frequency weighting A.

Burst type	Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]
Fast 200 mSec	137.0	137.0	0.0	-0.5	0.5	0.3
Fast 2.0 mSec	120.0	120.0	0.0	-1.5	1.0	0.3
Fast 0.25 mSec	111.0	110.9	-0.1	-3.0	1.0	0.3
Slow 200 mSec	130.6	130.6	0.0	-0.5	0.5	0.3
Slow 2.0 mSec	111.0	111.0	0.0	-3.0	1.0	0.3
SEL 200 mSec	131.0	131.0	0.0	-0.5	0.5	0.3
SEL 2.0 mSec	111.0	111.0	0.0	-1.5	1.0	0.3
SEL 0.25 mSec	102.0	101.9	-0.1	-3.0	1.0	0.3

C-weighted peak sound level – IEC 61672-3 section 19

Peak response to 8 kHz 1-cycle and 500 Hz ½-cycle sine were measured.

Pulse type	Pulse [Hz]	[dB]	Expected peak [dB]	SLM peak [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]
1 cycle	8 k	129.0	132.4	131.5	-0.9	-2.0	2.0	0.3
Positive ½ cycle	500	132.0	134.4	134.2	-0.2	-1.0	1.0	0.3
Negative ½ cycle	500	132.0	134.4	134.2	-0.2	-1.0	1.0	0.3

Overload indication – IEC 61672-3 section 20

Overload indication was determined with a 4 kHz ½-cycle signal. SLM setting: Leq Fast A.

	SLM [dB]	Acceptance limits [dB]		Uncertainty [dB]
Difference of positive and negative pulses:	0.0	-1.5	1.5	0.2
Positive ½ cycle, overload occurred at:	139.6			
Negative ½ cycle, overload occurred at:	139.6			

Calibration Officer

Results of Calibration

High-level stability – IEC 61672-3 section 21

Measured with a steady 1 kHz signal at 1 dB below the SLM maximum level range over 5 minutes period.

Initial level [dB]	Final level [dB]	Difference [dB]	Acceptance limits [dB]		Uncertainty [dB]
139.0	139.0	0.0	-0.1	0.1	0.1

The expanded uncertainties of measurement stated in this report are estimated at a confidence level of approximately 95% with a coverage factor k=2.

The user should determine the suitability of the instrument for its intended use. The recalibration interval should be determined based on the user's requirements.

Calibration Officer

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CALIBRATION REPORT

Report No. : **AL001470**

Customer : AECOM Singapore Pte Ltd
300 Beach Road
Unit 23-00 The Concourse
Singapore 199555

Subject Details

Subject	:	Sound & Vibration Analyser
Manufacturer	:	Svantek
Model	:	Svan 977
Serial No.	:	36829
Sales Order No.	:	2028027064/4
Calibration Date	:	2020-03-09

Ambient Conditions

Temperature	:	(23 ± 3) °C
Relative Humidity	:	(55 ± 10) % relative humidity

Chan Chee Keong
Calibration Officer

Cui Shan
Approving Officer
Mechanical Metrology
Date of Issue: 2020-03-11

For further enquiries, please contact the Approving Officer, Cui Shan at Tel: +65 6279 1912, Fax: +65 6279 1994 or Email: cui_shan@nmc.a-star.edu.sg

Method of Calibration

The sound & vibration analyser (SLM) was calibrated as set out in procedure MM/SLM/01 as appropriate, which is based on the procedures from IEC 61672-3:2013 Electroacoustics – Sound level meters – Part 3: Periodic tests.

The SLM was calibrated as received. No adjustment was carried out.

The calibration was performed using the following instruments and standards traceable to national reference standards maintained at the National Metrology Centre:

1)	SRS DS360 Function Generator	(serial no.: 33187)
2)	HP 34401A Multimeter	(serial no.: US36018527)
3)	Norsonic 483B Calibration Unit	(serial no.: 31048)
4)	Norsonic 1447/2 ½" Preamplifier	(serial no.: 31547)
5)	Norsonic 1019 Calibration Program	(serial no.: Version 6.1 2016-05-24)
6)	B&K 4191 Free-field ½" Microphone	(serial no.: 3024406)
7)	Microtech Gefell MV203 ½" Microphone Preamplifier	(serial no.: 2392)
8)	B&K 4231 Sound Calibrator	(serial no.: 3019941)
9)	Spektra CS18 Control Unit	(serial no.: 201804)
10)	Spektra SQ-101.2 Anechoic Chamber	(serial no.: 1801)
11)	Spektra Calibration Program	(serial no.: Rev. 3.5.4.0)
12)	Spektra PA 14-180 Power Amplifier	(serial no.: BS14180E02A17K0011)
13)	Vaisala HMP233 Humidity & Temperature Transmitter	(serial no.: S0310023)
14)	Druck 141 Resonant Sensor Barometer	(serial no.: 389/96-06)

Environmental conditions during calibration,

Air pressure:	(100.623 – 100.712) kPa
Air temperature:	(20.4 – 21.9) °C
Relative humidity:	(47.3 – 55.2) % relative humidity

Results of Calibration

The SLM submitted for testing successfully completed the periodic tests of IEC 61672-3:2013, for the environmental conditions under which the tests were performed. However, no general statement or conclusion can be made about conformance of the SLM to the full specifications of IEC 61672-1:2013 because evidence was not publicly available, from an independent testing organization responsible for the pattern approvals, to demonstrate that the SLM fully conformed to the class 1 specifications in IEC 61672-1:2013 and because the periodic tests of IEC 61672-3:2013 cover only a limited subset of the specifications in IEC 61672-1:2013.

Calibration Officer

Results of Calibration

Preliminary Inspection – IEC 61672-3 section 5

The SLM was visually inspected. All relevant controls and display were in working order.

Microphone	:	ACO 7052E No 64207
Preamplifier	:	Svantek SV 12L No. 49875
Software	:	Version 1.25.1
Instruction manual	:	-

Indication at the calibration check frequency – IEC 61672-3 section 10

The indication of the SLM at the calibration level and frequency was checked by application of a calibrated acoustic calibrator. SLM setting: SPL Fast A.

Ref SPL [dB] at 1 kHz	SLM before adjust [dB]	SLM after adjust [dB]	Measurement uncertainty [dB]
114.02	114.0	-	0.2

Self-generated noise, microphone installed – IEC 61672-3 section 11.1

The SLM microphone was inserted into a closed coupler to minimize environmental noise. SLM setting: Leq Fast. Measurement time was about 30 seconds.

Frequency weighting	SLM [dB]
A	29.9

The A-weighted level of self-generated noise is reported for information only and is not used to assess conformance to a requirement. The level of self-generated noise is reported without an associated uncertainty (IEC 61672-3 section 11.1, Note 2).

Calibration Officer

Results of Calibration

Self-generated noise by the electrical input-signal device – IEC 61672-3 section 11.2

A low impedance 18 pF adapter was substituted for the SLM microphone. SLM setting: Leq Fast. Measurement time was 30 seconds.

Frequency weighting	SLM [dB]
A	9.8
C	13.1
Z	17.6

The level of self-generated noise is reported for information only and is not used to assess conformance to a requirement. The level is reported without an associated uncertainty (IEC 61672-3 section 11.2, Note).

Acoustical signal tests of a frequency weighting – IEC 61672-3 section 12

Response to acoustical signal at frequency-weighting C was tested in an anechoic chamber under free-field conditions. Expected level was calculated as the reference SPL with the corresponding C-weighted level. SLM setting: SPL Fast C.

Freq [Hz]	Reference SPL [dB]	Expected [dB]	SLM [dB]	Acceptance limits [dB]		Measurement uncertainty [dB]
125	83.98	83.8	83.9	82.8	84.8	0.4
250	84.01	84.0	84.2	83.0	85.0	0.3
500	84.01	84.0	84.2	83.0	85.0	0.3
1000	84.03	84.0	84.1	83.3	84.7	0.3
2000	84.02	83.8	84.0	82.8	84.8	0.3
4000	84.03	83.2	83.0	82.2	84.2	0.3
8000	84.05	81.1	80.3	78.6	82.6	0.3

Calibration Officer

Results of Calibration

Electrical signal tests of frequency weightings – IEC 61672-3 section 13

The SLM microphone was substituted with an electrical input adaptor and the frequency response relative to level at 1 kHz using electrical signal was measured at 45 dB below the top of the SLM full scale range.

A weighting

Freq [Hz]	Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]
63.1	95.0	95.0	0.0	-1.0	1.0	0.2
125.9	95.0	94.9	-0.1	-1.0	1.0	0.2
251.2	95.0	94.9	-0.1	-1.0	1.0	0.2
501.2	95.0	94.9	-0.1	-1.0	1.0	0.2
1000.0	95.0	95.0	0.0	-0.7	0.7	0.2
1995.3	95.0	95.0	0.0	-1.0	1.0	0.2
3981.1	95.0	95.0	0.0	-1.0	1.0	0.2
7943.3	95.0	95.1	0.1	-2.5	1.5	0.2
15848.9	95.0	94.8	-0.2	-16.0	2.5	0.2

C weighting

Freq [Hz]	Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]
63.1	95.0	94.9	-0.1	-1.0	1.0	0.2
125.9	95.0	95.0	0.0	-1.0	1.0	0.2
251.2	95.0	94.9	-0.1	-1.0	1.0	0.2
501.2	95.0	95.0	0.0	-1.0	1.0	0.2
1000.0	95.0	95.0	0.0	-0.7	0.7	0.2
1995.3	95.0	95.0	0.0	-1.0	1.0	0.2
3981.1	95.0	95.0	0.0	-1.0	1.0	0.2
7943.3	95.0	95.1	0.1	-2.5	1.5	0.2
15848.9	95.0	94.8	-0.2	-16.0	2.5	0.2

Calibration Officer

Results of Calibration

Z weighting

Freq [Hz]	Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]
63.1	95.0	95.0	0.0	-1.0	1.0	0.2
125.9	95.0	95.0	0.0	-1.0	1.0	0.2
251.2	95.0	94.9	-0.1	-1.0	1.0	0.2
501.2	95.0	94.9	-0.1	-1.0	1.0	0.2
1000.0	95.0	95.0	0.0	-0.7	0.7	0.2
1995.3	95.0	94.9	-0.1	-1.0	1.0	0.2
3981.1	95.0	94.9	-0.1	-1.0	1.0	0.2
7943.3	95.0	95.0	0.0	-2.5	1.5	0.2
15848.9	95.0	95.0	0.0	-16.0	2.5	0.2

Frequency and time weightings at 1 kHz – IEC 61672-3 section 14

Deviation of measurement relative to A-weighted and Fast response shall not differ more than 0.1 dB acceptance limits given in IEC 61672-1:2013.

Time	Weighting	Expected [dB]	SLM [dB]	Deviation [dB]	Uncertainty [dB]
Fast	A	114.0	114.0	Reference SPL	0.2
Fast	C	114.0	114.0	0.0	0.2
Fast	Z	114.0	114.0	0.0	0.2
Slow	A	114.0	114.0	0.0	0.2
Leq	A	114.0	114.0	0.0	0.2
SEL	A	134.0	134.0	0.0	0.2

Long-term stability – IEC 61672-3 section 15

The SLM stability was evaluated for difference between levels with a steady 1 kHz signal applied at the beginning and end of a period of operation. SLM setting: SPL Fast A.

Period [mm:ss]	Initial level [dB]	Final level [dB]	Difference [dB]	Acceptance limits [dB]		Uncertainty [dB]
26:40	114.0	114.0	0.0	-0.1	0.1	0.1

Calibration Officer

Results of Calibration

Level linearity on the reference level range – IEC 61672-3 clause 16

The SLM linearity was tested with a steady electrical signal at 8 kHz. The test began with the signal adjusted to the reference level of 114 dB and increasing the signal level up to the 1st indication of overload or upper boundary operating range and decreasing the signal level down to the SLM lower boundary operating range. SLM setting: SPL Fast A.

Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]		Uncertainty [dB]	
114.0	114.0	0.0	-0.8	0.8	0.2	
119.0	119.0	0.0	-0.8	0.8	0.2	
124.0	124.1	0.1	-0.8	0.8	0.2	
129.0	129.1	0.1	-0.8	0.8	0.2	
134.9	135.0 ⇧	0.1	-0.8	0.8	0.2	Overload
114.0	114.0	0.0	-0.8	0.8	0.2	
109.0	109.0	0.0	-0.8	0.8	0.2	
104.0	104.0	0.0	-0.8	0.8	0.2	
99.0	99.0	0.0	-0.8	0.8	0.2	
94.0	94.0	0.0	-0.8	0.8	0.2	
89.0	89.0	0.0	-0.8	0.8	0.2	
84.0	84.0	0.0	-0.8	0.8	0.2	
79.0	79.0	0.0	-0.8	0.8	0.2	
74.0	74.0	0.0	-0.8	0.8	0.2	
69.0	69.0	0.0	-0.8	0.8	0.2	
64.0	64.0	0.0	-0.8	0.8	0.2	
59.0	59.0	0.0	-0.8	0.8	0.2	
54.0	54.0	0.0	-0.8	0.8	0.2	
49.0	49.0	0.0	-0.8	0.8	0.2	
44.0	44.1	0.1	-0.8	0.8	0.2	
43.0	43.0	0.0	-0.8	0.8	0.2	
42.0	42.0	0.0	-0.8	0.8	0.2	
41.0	41.1	0.1	-0.8	0.8	0.2	
40.0	40.1	0.1	-0.8	0.8	0.2	

Calibration Officer

Results of Calibration

Toneburst response – IEC 61672-3 section 18

Response to 4 kHz toneburst, relative to continuous signal were measured at frequency weighting A.

Burst type	Expected [dB]	SLM [dB]	Deviation [dB]	Acceptance limits [dB]	Uncertainty [dB]
Fast 200 mSec	137.0	137.0	0.0	-0.5 0.5	0.3
Fast 2.0 mSec	120.0	119.9	-0.1	-1.5 1.0	0.3
Fast 0.25 mSec	111.0	110.8	-0.2	-3.0 1.0	0.3
Slow 200 mSec	130.6	130.5	-0.1	-0.5 0.5	0.3
Slow 2.0 mSec	111.0	110.9	-0.1	-3.0 1.0	0.3
SEL 200 mSec	131.0	131.0	0.0	-0.5 0.5	0.3
SEL 2.0 mSec	111.0	110.9	-0.1	-1.5 1.0	0.3
SEL 0.25 mSec	102.0	101.9	-0.1	-3.0 1.0	0.3

C-weighted peak sound level – IEC 61672-3 section 19

Peak response to 8 kHz 1-cycle and 500 Hz ½-cycle sine were measured.

Pulse type	Pulse [Hz]	[dB]	Expected peak [dB]	SLM peak [dB]	Deviation [dB]	Acceptance limits [dB]	Uncertainty [dB]
1 cycle	8 k	129.0	132.4	131.7	-0.7	-2.0 2.0	0.3
Positive ½ cycle	500	132.0	134.4	134.1	-0.3	-1.0 1.0	0.3
Negative ½ cycle	500	132.0	134.4	134.1	-0.3	-1.0 1.0	0.3

Overload indication – IEC 61672-3 section 20

Overload indication was determined with a 4 kHz ½-cycle signal. SLM setting: Leq Fast A.

	SLM [dB]	Acceptance limits [dB]	Uncertainty [dB]
Difference of positive and negative pulses:	0.0	-1.5 1.5	0.2
Positive ½ cycle, overload occurred at:	138.6		
Negative ½ cycle, overload occurred at:	138.6		

Calibration Officer

Results of Calibration

High-level stability – IEC 61672-3 section 21

Measured with a steady 1 kHz signal at 1 dB below the SLM maximum level range over 5 minutes period.

Initial level [dB]	Final level [dB]	Difference [dB]	Acceptance limits [dB]		Uncertainty [dB]
138.8	138.8	0.0	-0.1	0.1	0.1

The expanded uncertainties of measurement stated in this report are estimated at a confidence level of approximately 95% with a coverage factor k=2.

The user should determine the suitability of the instrument for its intended use. The recalibration interval should be determined based on the user's requirements.

Calibration Officer

Norsonic

Certificate of Calibration

Certificate No.: CAL 022-2021-13920

NORWEGIAN ACCREDITATION CAL 022

Test object:	Manufacturer :	Type :	Serial No.:
Sound level meter :	Norsonic	131	1313989
Microphone :	Norsonic	1228	03256
Preamplifier :	Norsonic	1207	21125
Sound calibrator :	None		

Customer:	TME Systems Pte. Ltd
Address:	1 Commonwealth Lane #07-06 One Commonwealth 149544 Singapore
Order No:	RO2120001

The measurements are performed according to the IEC 61672-3 Ed. 1 (2006).
Acoustical levels are stated relative to 20µPa. Other dB levels are relative values.
The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k, which with the reported effective degree of freedom corresponds to coverage probability of approximately 95%. The standard uncertainty of measurement has been determined in accordance with EA publication EA-4/02

Statement of Conformity:
The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3, for the environmental conditions under which the tests were performed. As public evidence was available, from an independent testing organization responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2, to demonstrate that the model of sound level meter fully conforms to the requirements in the IEC 61672-2, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1.

Indication at the Calibration Check Frequency
The level indication of the sound level meter was controlled using the laboratory reference: WSC7 - Nor1256-1256260002. The indicated level was: 113,9 dB. Sensitivity: -28,6 dB rel. 1V/Pa. This reading should be used henceforth to set up the sound level meter for field use.

Comment : (None)

Environmental conditions:	Pressure :	Temperature :	Humidity :
Reference conditions:	101,325 kPa	23,0 °C	50 %RH
Measurement conditions :	97,79 ±0,20 kPa	22,2 ±1,3 °C	40,7 +2,0 %RH

Date of calibration: 2021-05-20
Date of issue: 2021-05-20
Engineer

Anders Amundsen

Norsonic
Norsonic Calibration Laboratory
VAT no.: NO 929 743 040 MVA

Supervisor

Geir Emil Westrum

Norsonic

Certificate No.: CAL 022-2021-13920

Preconditioning :
The equipment was preconditioned for more than 12 hours at the specified calibration temperature and humidity.

Measurement method :
A description of the calibration procedure (L244-07) is available separately from the calibration laboratory.

Instrumentation			Traceability
WSC6	Reference calibrator	Nor1256 / 6	PTB, Germany
G6	Signal Generator	Stanford Research DS 360 / 123548	IKM, Norway
MM4	Multimeter	Agilent 34401A / MY47064321	IKM, Norway
U6	Calibration unit	Nor483B / 25744	IKM, Norway
THM4	Environmental (P, T and H)	Vaisala PTU303 / L1320170	JV, Norway

Summary of Measurement Results

Indication at the calibration check frequency - IEC61672-3 Ed.1 Clause 9	Passed
Self-generated noise - IEC 61672-3 Ed.1 Clause 10.1	Passed
Acoustical signal tests of a frequency weighting - IEC 61672-3 Ed.1 Clause 11	Passed
Electrical signal tests of frequency weightings - IEC 61672-3 Ed.1 Clause 12	Passed
Frequency weightings: A Network - IEC 61672-3 Ed.1 Clause 12.3	Passed
Frequency weightings: C Network - IEC 61672-3 Ed.1 Clause 12.3	Passed
Frequency weightings: Z Network - IEC 61672-3 Ed.1 Clause 12.3	Passed
Frequency and time weightings at 1 kHz IEC 61672-3 Ed.1 Clause 13	Passed
Level linearity on the reference level range - IEC 61672-3 Ed.1 Clause 14	Passed
Toneburst response - IEC 61672-3 Ed.1 Clause 16	Passed
Peak C sound level - IEC 61672-3 Ed.1 Clause 17	Passed
Overload indication - IEC 61672-3 Ed.1 Clause 18	Passed

Records:
L:\NCL\L8 Målinger\P7 SLM\2021\NOR131_1313980_M2.nmf

Verification:
The verification measurements have been performed using the calibration system Nor1504A with software type Nor1019.
Most of the verification tests are electrical tests. Test signals are fed to the sound measuring device through an adapter that resembles the microphone signal. A special adapter with a suitable electrical characteristic is used.
Some measurements are acoustical (with microphone). This is the acoustical part of the self-noise test and the acoustical verification of the frequency response.
Detailed measurement results are printed on the following pages.
Each of the verification test points has a Result indication (P or N) that tells the obtained result of the actual test.
P = the result is Passed
N = the result is Not passed
Uncertainties and tolerance / acceptance limits are handled as described in the actual standards for the evaluation of the results. All verification tests must have a Passed indication in order to fulfill the requirements in the IEC61672-3 standard.

Norsonic

Certificate No.: CAL 022-2021-13920

Measurement results

Indication at the calibration check frequency - IEC61672-3 Ed.1 #9

```
Reference level: 114,0 dB
Reference range: 130 dB FS
Reference frequency: 1000 Hz
Reference Calibrator: WSC7 - Nor1256-125626002
Reference calibrator level: 114,12
Before calibration:
Environmental corrections: 0,00
Other corrections: -0,2
Notional level: 113,92
Calibrator level before adjustment: 113,9
Associated Calibrator:  -  -
Associated calibrator level: 0
Test Passed
```

Self-generated noise - IEC 61672-3 Ed.1 #10.1

```
Acoustic self noise test with microphone installed.
The test object is placed in a low noise enclosure Nor523.
The test object was set to A-weighting and S time-weighting. The
average of 10 samples is reported.
Indicated level: 20,0 dBA.
This test is for information only.
Test performed.
Readings:
1:19,8
2:19,9
3:20,0
4:19,8
5:20,1
6:20,2
7:20,0
8:19,9
9:20,2
10:20,1
```

Self-generated noise - IEC 61672-3 Ed.1 #10.2

Network	Level (dB)	Comment
A	14,3	Equivalent capacity
C	14,8	Equivalent capacity
Z	19,0	Equivalent capacity

Test Passed

Norsonic

Certificate No.: CAL 022-2021-13920

Acoustical signal tests of a frequency weighting - IEC 61672-3 Ed.1 #11

C-Weighted results

Frequency	SLM Meas (dB)	SLM U (dB)	Microphone Corr (dB)	Microphone U (dB)	Case Refl. Corr (dB)	Case Refl. U (dB)	Wind Screen Corr (dB)	Wind Screen U (dB)	Uncert (dB)	Lim (dB)	Result (dB)	
125 Hz	-0,5	0,2	0,0	0,1	0,0	0,1			0,2	+-1.5	-0,5	P
1 kHz	0,0	0,1	0,1	0,2	-0,1	0,1			0,2	+-1.1	0,0	P
8 kHz	-3,9	0,2	2,8	0,2	0,0	0,3			0,4	+2.1/-3.1	-1,1	P

The level obtained at 1 kHz was used as reference for the calculations.
This level was: 93,67 dB.
The overall frequency response of the sound level meter, nominal case reflections and microphone response has shown to conform with the requirements in IEC 61672-3 for a class 1 sound level meter.
Frequency response test using multi frequency calibrator.
Sources for correction data:

Calibrator levels and uncertainty:	Norsonic - NCL
Microphone field corrections and uncertainty:	Norsonic - NCL
Case reflections and uncertainty:	Norsonic AS
Wind screen corrections and uncertainty:	

Test Passed

Electrical signal tests of frequency weightings - IEC 61672-3 Ed.1 #12

A-Weighted results:

Frequency	SLM Meas (dB)	SLM U (dB)	Microphone Corr (dB)	Microphone U (dB)	Case Refl. Corr (dB)	Case Refl. U (dB)	Wind Screen Corr (dB)	Wind Screen U (dB)	Uncert (dB)	Lim (dB)	Result (dB)	
63 Hz	0,0	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	0,0	P
125 Hz	-0,1	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	-0,1	P
250 Hz	-0,1	0,1	0,0	0,1	0,1	0,1			0,17	+-1.4	0,0	P
500 Hz	-0,1	0,1	0,0	0,1	0,2	0,1			0,17	+-1.4	0,1	P
1 kHz	0,0	0,1	-0,1	0,2	-0,1	0,1			0,24	+-1.1	-0,2	P
2 kHz	-0,1	0,1	0,0	0,3	0,3	0,2			0,37	+-1.6	0,2	P
4 kHz	-0,1	0,1	-0,2	0,4	0,3	0,2			0,46	+-1.6	0,0	P
8 kHz	-0,1	0,1	-0,2	0,5	0,0	0,3			0,59	2.1/3.1	-0,3	P
16 kHz	0,0	0,1	-4,7	0,6	0,3	0,3			0,68	3.5/17	-4,4	P

C-Weighted results:

Frequency	SLM Meas (dB)	SLM U (dB)	Microphone Corr (dB)	Microphone U (dB)	Case Refl. Corr (dB)	Case Refl. U (dB)	Wind Screen Corr (dB)	Wind Screen U (dB)	Uncert (dB)	Lim (dB)	Result (dB)	
63 Hz	-0,1	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	-0,1	P
125 Hz	0,0	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	0,0	P
250 Hz	-0,1	0,1	0,0	0,1	0,1	0,1			0,17	+-1.4	0,0	P
500 Hz	0,0	0,1	0,0	0,1	0,2	0,1			0,17	+-1.4	0,2	P
1 kHz	0,0	0,1	-0,1	0,2	-0,1	0,1			0,24	+-1.1	-0,2	P
2 kHz	-0,1	0,1	0,0	0,3	0,3	0,2			0,37	+-1.6	0,2	P
4 kHz	-0,1	0,1	-0,2	0,4	0,3	0,2			0,46	+-1.6	0,0	P
8 kHz	-0,1	0,1	-0,2	0,5	0,0	0,3			0,59	2.1/3.1	-0,3	P
16 kHz	-0,1	0,1	-4,7	0,6	0,3	0,3			0,68	3.5/17	-4,5	P

Norsonic

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Z Weighted results:

Frequency	SLM Meas (dB)	SLM U (dB)	Microphone Corr (dB)	Microphone U (dB)	Case Refl. Corr (dB)	Case Refl. U (dB)	Wind Screen Corr (dB)	Wind Screen U (dB)	Uncert (dB)	Lim (dB)	Result (dB)	
63 Hz	0,0	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	0,0	P
125 Hz	0,0	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	0,0	P
250 Hz	-0,1	0,1	0,0	0,1	0,1	0,1			0,17	+-1.4	0,0	P
500 Hz	0,0	0,1	0,0	0,1	0,2	0,1			0,17	+-1.4	0,2	P
1 kHz	0,0	0,1	-0,1	0,2	-0,1	0,1			0,24	+-1.1	-0,2	P
2 kHz	-0,1	0,1	0,0	0,3	0,3	0,2			0,37	+-1.6	0,2	P
4 kHz	-0,1	0,1	-0,2	0,4	0,3	0,2			0,46	+-1.6	0,0	P
8 kHz	-0,1	0,1	-0,2	0,5	0,0	0,3			0,59	2.1/3.1	-0,3	P
16 kHz	-0,1	0,1	4,7	0,6	0,3	0,3			0,68	3.5/17	-4,5	P

The nominal frequency response of Norsonic / 1228 has been used for the calculations.
The overall frequency response of the sound level meter, nominal case reflections and microphone response has shown to conform with the requirements in IEC 61672-3 for a class 1 sound level meter.
The calculated uncertainties are checked against the requirements in the standard.
Sources for correction data:
Microphone response and uncertainty: Norsonic AS
Case reflections and uncertainty: Norsonic AS
Test: Passed

Frequency weightings: A Network - IEC 61672-3 Ed.1 #12.3

Frequency (Hz)	Ref. (dB)	Meas. (dB)	Uncert. (dB)	Dev. (dB)
63,1	92,0	92,0	0,1	0,0
125,9	92,0	91,9	0,1	-0,1
251,2	92,0	91,9	0,1	-0,1
501,2	92,0	91,9	0,1	0,1
1000,0	92,0	92,0	0,1	0,0
1995,3	92,0	91,9	0,1	-0,1
3981,1	92,0	91,9	0,1	0,1
7943,3	92,0	91,9	0,1	0,1
15848,9	92,0	92,0	0,1	0,0

Test Passed

Frequency weightings: C Network - IEC 61672-3 Ed.1 #12.3

Frequency (Hz)	Ref. (dB)	Meas. (dB)	Uncert. (dB)	Dev. (dB)
63,1	92,0	91,9	0,1	-0,1
125,9	92,0	92,0	0,1	0,0
251,2	92,0	91,9	0,1	-0,1
501,2	92,0	92,0	0,1	0,0
1000,0	92,0	92,0	0,1	0,0
1995,3	92,0	91,9	0,1	-0,1
3981,1	92,0	91,9	0,1	-0,1
7943,3	92,0	91,9	0,1	-0,1
15848,9	92,0	91,9	0,1	-0,1

Test Passed

Norsonic

Certificate No.: CAL 022-2021-13920

Frequency weightings: Z Network - IEC 61672-3 Ed.1 #12.3

Frequency (Hz)	Ref. (dB)	Meas. (dB)	Uncert. (dB)	Dev. (dB)
63,1	92,0	92,0	0,1	0,0
125,9	92,0	92,0	0,1	0,0
251,2	92,0	91,9	0,1	-0,1
501,2	92,0	92,0	0,1	0,0
1000,0	92,0	92,0	0,1	0,0
1995,3	92,0	91,9	0,1	-0,1
3981,1	92,0	91,9	0,1	-0,1
7943,3	92,0	91,9	0,1	-0,1
15848,9	92,0	91,9	0,1	-0,1

Test Passed

Frequency and time weightings at 1 kHz IEC 61672-3 Ed.1 #13

Weightings Time	Netw	Ref. (dB)	Measured (dB)	Tol. (dB)	(dB)	Uncert. (dB)	Dev. (dB)	Result
Fast	A	114,0	114,0	0,4	-0,4	0,1	0,0	P
Fast	C	114,0	114,0	0,4	-0,4	0,1	0,0	P
Fast	Z	114,0	114,0	0,4	-0,4	0,1	0,0	P
Fast	Flat	114,0	114,0	0,4	-0,4	0,1	0,0	P
Slow	A	114,0	114,0	0,3	-0,3	0,1	0,0	P
Leq	A	114,0	114,0	0,3	-0,3	0,1	0,0	P
SEL	A	124,0	124,0	0,3	-0,3	0,1	0,0	P

Test Passed

Level linearity on the reference level range - IEC 61672-3 Ed.1 #14

Ref. (dB)	Measured (dB)	Tol. (dB)	(dB)	Uncert. (dB)	Dev. (dB)	Result
Measured at 31.5 Hz						
94,0	94,0	1,1	-1,1	0,1	0,0	P
95,0	95,0	1,1	-1,1	0,1	0,0	P
96,0	96,0	1,1	-1,1	0,1	0,0	P
97,0	97,0	1,1	-1,1	0,1	0,0	P
94,0	94,0	1,1	-1,1	0,1	0,0	P
89,0	89,1	1,1	-1,1	0,1	0,1	P
84,0	84,1	1,1	-1,1	0,1	0,1	P
79,0	79,1	1,1	-1,1	0,1	0,1	P
74,0	74,1	1,1	-1,1	0,1	0,1	P
69,0	69,1	1,1	-1,1	0,1	0,1	P
64,0	64,1	1,1	-1,1	0,1	0,1	P
59,0	59,0	1,1	-1,1	0,1	0,0	P
54,0	54,0	1,1	-1,1	0,1	0,0	P
49,0	49,1	1,1	-1,1	0,1	0,1	P
44,0	44,1	1,1	-1,1	0,1	0,1	P
40,0	40,0	1,1	-1,1	0,1	0,0	P
39,0	39,0	1,1	-1,1	0,1	0,0	P
38,0	38,0	1,1	-1,1	0,1	0,0	P
37,0	37,1	1,1	-1,1	0,1	0,1	P
36,0	36,0	1,1	-1,1	0,1	0,0	P
35,0	35,1	1,1	-1,1	0,1	0,1	P
Measured at 1 kHz						
114,0	114,0	1,1	-1,1	0,1	0,0	P
119,0	119,0	1,1	-1,1	0,1	0,0	P
124,0	124,0	1,1	-1,1	0,1	0,0	P
129,0	129,0	1,1	-1,1	0,1	0,0	P
132,0	132,0	1,1	-1,1	0,1	0,0	P
133,0	133,0	1,1	-1,1	0,1	0,0	P
134,0	134,0	1,1	-1,1	0,1	0,0	P
135,0	135,0	1,1	-1,1	0,1	0,0	P

Measurements performed by

NCL NORSONIC CALIBRATION LABORATORY

Street address: Gunnersbråtan 2, N-3408 Tranby, Norway
Tel.: +47 32858900 email: ncl@norsonic.com

Norsonic

Certificate No.: CAL 022-2021-13920

136,0	136,0	1,1	-1,1	0,1	0,0	P
114,0	114,0	1,1	-1,1	0,1	0,0	P
109,0	109,0	1,1	-1,1	0,1	0,0	P
104,0	104,0	1,1	-1,1	0,1	0,0	P
99,0	99,0	1,1	-1,1	0,1	0,0	P
94,0	94,0	1,1	-1,1	0,1	0,0	P
89,0	89,0	1,1	-1,1	0,1	0,0	P
84,0	84,0	1,1	-1,1	0,1	0,0	P
79,0	79,0	1,1	-1,1	0,1	0,0	P
74,0	74,0	1,1	-1,1	0,1	0,0	P
69,0	69,0	1,1	-1,1	0,1	0,0	P
64,0	64,0	1,1	-1,1	0,1	0,0	P
59,0	59,0	1,1	-1,1	0,1	0,0	P
54,0	54,0	1,1	-1,1	0,1	0,0	P
49,0	49,0	1,1	-1,1	0,1	0,0	P
44,0	44,0	1,1	-1,1	0,1	0,0	P
40,0	40,0	1,1	-1,1	0,1	0,0	P
39,0	39,0	1,1	-1,1	0,1	0,0	P
38,0	38,0	1,1	-1,1	0,1	0,0	P
37,0	37,0	1,1	-1,1	0,1	0,0	P
36,0	36,0	1,1	-1,1	0,1	0,0	P
35,0	35,0	1,1	-1,1	0,1	0,0	P

Measured at 8 kHz

114,0	114,0	1,1	-1,1	0,1	0,0	P
119,0	119,0	1,1	-1,1	0,1	0,0	P
124,0	124,1	1,1	-1,1	0,1	0,1	P
129,0	129,0	1,1	-1,1	0,1	0,0	P
132,0	132,0	1,1	-1,1	0,1	0,0	P
133,0	133,0	1,1	-1,1	0,1	0,0	P
134,0	134,0	1,1	-1,1	0,1	0,0	P
135,0	135,0	1,1	-1,1	0,1	0,0	P
136,0	136,1	1,1	1,1	0,1	0,1	P
114,0	114,0	1,1	1,1	0,1	0,0	P
109,0	109,0	1,1	1,1	0,1	0,0	P
104,0	104,0	1,1	-1,1	0,1	0,0	P
99,0	99,0	1,1	-1,1	0,1	0,0	P
94,0	94,0	1,1	-1,1	0,1	0,0	P
89,0	89,0	1,1	-1,1	0,1	0,0	P
84,0	84,0	1,1	-1,1	0,1	0,0	P
79,0	79,0	1,1	-1,1	0,1	0,0	P
74,0	74,0	1,1	-1,1	0,1	0,0	P
69,0	69,0	1,1	1,1	0,1	0,0	P
64,0	64,0	1,1	1,1	0,1	0,0	P
59,0	59,0	1,1	1,1	0,1	0,0	P
54,0	54,0	1,1	1,1	0,1	0,0	P
49,0	49,0	1,1	1,1	0,1	0,0	P
44,0	44,0	1,1	-1,1	0,1	0,0	P
40,0	40,0	1,1	-1,1	0,1	0,0	P
39,0	39,0	1,1	-1,1	0,1	0,0	P
38,0	38,0	1,1	-1,1	0,1	0,0	P
37,0	37,0	1,1	-1,1	0,1	0,0	P
36,0	36,1	1,1	-1,1	0,1	0,1	P
35,0	35,1	1,1	-1,1	0,1	0,1	P

Test Passed

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Toneburst response - IEC 61672-3 Ed.1 #16

Burst type	Ref. (dB)	Measured (dB)	Tol. (dB)	Tol. (dB)	Uncert. (dB)	Dev. (dB)	Result
Fast 200 mSec	133,0	132,9	0,8	-0,8	0,2	-0,1	P
Fast 2.0 mSec	116,0	115,7	1,3	-1,8	0,2	-0,3	P
Fast 0.25 mSec	107,0	106,3	1,3	-3,3	0,2	-0,7	P
Slow 200 mSec	126,6	126,5	0,8	-0,8	0,2	-0,1	P
Slow 2.0 mSec	107,0	106,9	1,3	-3,3	0,2	-0,1	P
SEL 200 mSec	127,0	126,9	0,8	-0,8	0,2	-0,1	P
SEL 2.0 mSec	107,0	106,9	1,3	-1,8	0,2	-0,1	P
SEL 0.25 mSec	98,0	97,4	1,3	3,3	0,2	-0,6	P

Test Passed

Peak C sound level - IEC 61672-3 Ed.1 #17

Pulse Type	Pulse Freq. (Hz)	Ref. RMS (dB)	Ref. Peak (dB)	Measured Value (dB)	Tol. (+/-dB)	Uncert. (dB)	Dev. (dB)	Result
1 cycle	8k	129,0	132,4	132,0	2,4	0,2	-0,4	P
Pos 1/2 cycle	500	132,0	134,4	134,4	1,4	0,2	0,0	P
Neg 1/2 cycle	500	132,0	134,4	134,3	1,4	0,2	-0,1	P

Test Passed

Overload indication - IEC 61672-3 Ed.1 #18

	Measured (dB)	Tol. (+/-dB)	Uncert. (dB)	Result
Level difference of positive and negative pulses:	0,2	1,8	0,2	P
Positive 1/2 cycle 4 kHz. Overload occurred at:	142,1			
Negative 1/2 cycle 4 kHz. Overload occurred at:	142,3			

Test Passed

Norsonic

Certificate of Calibration

Certificate No.: CAL 022-2021-13919

NORWEGIAN ACCREDITATION CAL 022

Test object:	Manufacturer :	Type :	Serial No.:
Sound level meter :	Norsonic	131	1313980
Microphone :	Norsonic	1228	03138
Preamplifier :	Norsonic	1207	21146
Sound calibrator :	None		

Customer: TME Systems Pte. Ltd
Address: 1 Commonwealth Lane
#07-06 One Commonwealth
149544 Singapore
Order No: RO2120001

The measurements are performed according to the IEC 61672-3 Ed. 1 (2006).
Acoustical levels are stated relative to 20µPa. Other dB levels are relative values.
The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k, which with the reported effective degree of freedom corresponds to coverage probability of approximately 95%. The standard uncertainty of measurement has been determined in accordance with EA publication EA-4/02

Statement of Conformity:
The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3, for the environmental conditions under which the tests were performed. As public evidence was available, from an independent testing organization responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2, to demonstrate that the model of sound level meter fully conforms to the requirements in the IEC 61672-2, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1.

Indication at the Calibration Check Frequency
The level indication of the sound level meter was controlled using the laboratory reference: WSC7 - Nor1256-125626002. The indicated level was: 113,9 dB. Sensitivity: -28,6 dB rel. 1V/Pa. This reading should be used henceforth to set up the sound level meter for field use.

Comment : (None)

Environmental conditions:	Pressure :	Temperature :	Humidity :
Reference conditions:	101,325 kPa	23,0 °C	50 %RH
Measurement conditions :	97,79 ±0,20 kPa	22,2 ±1,3 °C	40,7 ±2,0 %RH

Date of calibration: 2021-05-20
Date of issue: 2021-05-20
Engineer

Anders Amundsen

Norsonic
Norsonic Calibration Laboratory
VAT no.: NO 929 743 040 MVA

Supervisor

Geir Emil Westrum

Norsonic

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Preconditioning :
The equipment was preconditioned for more than 12 hours at the specified calibration temperature and humidity.

Measurement method :
A description of the calibration procedure (L244-07) is available separately from the calibration laboratory.

Instrumentation			Traceability
WSC6	Reference calibrator	Nor1256 / 6	PTB, Germany
G6	Signal Generator	Stanford Research DS 360 / 123548	IKM, Norway
MM4	Multimeter	Agilent 34401A / MY47064321	IKM, Norway
U6	Calibration unit	Nor483B / 25744	IKM, Norway
THM4	Environmental (P, T and H)	Vaisala PTU303 / L1320170	JV, Norway

Summary of Measurement Results

Indication at the calibration check frequency - IEC61672-3 Ed.1 Clause 9	Passed
Self-generated noise - IEC 61672-3 Ed.1 Clause 10.1	Passed
Acoustical signal tests of a frequency weighting - IEC 61672-3 Ed.1 Clause 11	Passed
Electrical signal tests of frequency weightings - IEC 61672-3 Ed.1 Clause 12	Passed
Frequency weightings: A Network - IEC 61672-3 Ed.1 Clause 12.3	Passed
Frequency weightings: C Network - IEC 61672-3 Ed.1 Clause 12.3	Passed
Frequency weightings: Z Network - IEC 61672-3 Ed.1 Clause 12.3	Passed
Frequency and time weightings at 1 kHz IEC 61672-3 Ed.1 Clause 13	Passed
Level linearity on the reference level range - IEC 61672-3 Ed.1 Clause 14	Passed
Toneburst response - IEC 61672-3 Ed.1 Clause 16	Passed
Peak C sound level - IEC 61672-3 Ed.1 Clause 17	Passed
Overload indication - IEC 61672-3 Ed.1 Clause 18	Passed

Records:
L:\NCL\L8 Målinger\P7 SLM\2021\NOR131_1313980_M2.nmf

Verification:
The verification measurements have been performed using the calibration system Nor1504A with software type Nor1019.
Most of the verification tests are electrical tests. Test signals are fed to the sound measuring device through an adapter that resembles the microphone signal. A special adapter with a suitable electrical characteristic is used.
Some measurements are acoustical (with microphone). This is the acoustical part of the self-noise test and the acoustical verification of the frequency response.
Detailed measurement results are printed on the following pages.
Each of the verification test points has a Result indication (P or N) that tells the obtained result of the actual test.
P = the result is Passed
N = the result is Not passed
Uncertainties and tolerance / acceptance limits are handled as described in the actual standards for the evaluation of the results. All verification tests must have a Passed indication in order to fulfill the requirements in the IEC61672-3 standard.

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Measurement results

Indication at the calibration check frequency - IEC61672-3 Ed.1 #9
Reference level: 114,0 dB
Reference range: 130 dB FS
Reference frequency: 1000 Hz
Reference Calibrator: WSC7 - Nor1256-123626002
Reference calibrator level: 114,12
Before calibration:
Environmental corrections: 0,00
Other corrections: -0,2
Notional level: 113,92
Calibrator level before adjustment: 113,9
Associated Calibrator: - -
Associated calibrator level: 0
Test Passed

Self-generated noise - IEC 61672-3 Ed.1 #10.1
Acoustic self noise test with microphone installed.
The test object is placed in a low noise enclosure Nor523.
The test object was set to A-weighting and S time-weighting. The average of 10 samples is reported.
Indicated level: 20,0 dBA.
This test is for information only.
Test performed.
Readings:
1:19,8
2:19,9
3:20,0
4:19,8
5:20,1
6:20,2
7:20,0
8:19,9
9:20,2
10:20,1

Self-generated noise - IEC 61672-3 Ed.1 #10.2

Network	Level (dB)	Comment
A	14,3	Equivalent capacity
C	14,8	Equivalent capacity
Z	19,0	Equivalent capacity

Test Passed

Norsonic

Certificate No.: CAL 022-2021-13919

Acoustical signal tests of a frequency weighting - IEC 61672-3 Ed.1 #11

C-Weighted results

Frequency	SLM Meas (dB)	SLM U (dB)	Microphone Corr (dB)	Microphone U (dB)	Case Refl. Corr (dB)	Case Refl. U (dB)	Wind Screen Corr (dB)	Wind Screen U (dB)	Uncert (dB)	Lim (dB)	Result (dB)	
125 Hz	-0,5	0,2	0,0	0,1	0,0	0,1			0,2	+-1.5	-0,5	P
1 kHz	0,0	0,1	0,1	0,2	-0,1	0,1			0,2	+-1.1	0,0	P
8 kHz	-3,9	0,2	2,8	0,2	0,0	0,3			0,4	+2.1/-3.1	-1,1	P

The level obtained at 1 kHz was used as reference for the calculations.
This level was: 93,67 dB.
The overall frequency response of the sound level meter, nominal case reflections and microphone response has shown to conform with the requirements in IEC 61672-3 for a class 1 sound level meter.
Frequency response test using multi frequency calibrator.
Sources for correction data:

Calibrator levels and uncertainty:	Norsonic - NCL
Microphone field corrections and uncertainty:	Norsonic - NCL
Case reflections and uncertainty:	Norsonic AS
Wind screen corrections and uncertainty:	

Test Passed

Electrical signal tests of frequency weightings - IEC 61672-3 Ed.1 #12

A-Weighted results:

Frequency	SLM Meas (dB)	SLM U (dB)	Microphone Corr (dB)	Microphone U (dB)	Case Refl. Corr (dB)	Case Refl. U (dB)	Wind Screen Corr (dB)	Wind Screen U (dB)	Uncert (dB)	Lim (dB)	Result (dB)	
63 Hz	0,0	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	0,0	P
125 Hz	-0,1	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	-0,1	P
250 Hz	-0,1	0,1	0,0	0,1	0,1	0,1			0,17	+-1.4	0,0	P
500 Hz	-0,1	0,1	0,0	0,1	0,2	0,1			0,17	+-1.4	0,1	P
1 kHz	0,0	0,1	-0,1	0,2	-0,1	0,1			0,24	+-1.1	-0,2	P
2 kHz	-0,1	0,1	0,0	0,3	0,3	0,2			0,37	+-1.6	0,2	P
4 kHz	-0,1	0,1	-0,2	0,4	0,3	0,2			0,46	+-1.6	0,0	P
8 kHz	-0,1	0,1	-0,2	0,5	0,0	0,3			0,59	2.1/3.1	-0,3	P
16 kHz	0,0	0,1	-4,7	0,6	0,3	0,3			0,68	3.5/17	-4,4	P

C-Weighted results:

Frequency	SLM Meas (dB)	SLM U (dB)	Microphone Corr (dB)	Microphone U (dB)	Case Refl. Corr (dB)	Case Refl. U (dB)	Wind Screen Corr (dB)	Wind Screen U (dB)	Uncert (dB)	Lim (dB)	Result (dB)	
63 Hz	-0,1	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	-0,1	P
125 Hz	0,0	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	0,0	P
250 Hz	-0,1	0,1	0,0	0,1	0,1	0,1			0,17	+-1.4	0,0	P
500 Hz	0,0	0,1	0,0	0,1	0,2	0,1			0,17	+-1.4	0,2	P
1 kHz	0,0	0,1	-0,1	0,2	-0,1	0,1			0,24	+-1.1	-0,2	P
2 kHz	-0,1	0,1	0,0	0,3	0,3	0,2			0,37	+-1.6	0,2	P
4 kHz	-0,1	0,1	-0,2	0,4	0,3	0,2			0,46	+-1.6	0,0	P
8 kHz	-0,1	0,1	-0,2	0,5	0,0	0,3			0,59	2.1/3.1	-0,3	P
16 kHz	-0,1	0,1	-4,7	0,6	0,3	0,3			0,68	3.5/17	-4,5	P

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Z-Weighted results:

Frequency	SLM Meas	SLM U	Microphone Corr	Microphone U	Case Refl. Corr	Case Refl. U	Wind Screen Corr	Wind Screen U	Uncert	Lim	Result	
	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	
63 Hz	0,0	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	0,0	P
125 Hz	0,0	0,1	0,0	0,1	0,0	0,1			0,17	+-1.5	0,0	P
250 Hz	-0,1	0,1	0,0	0,1	0,1	0,1			0,17	+-1.4	0,0	P
500 Hz	0,0	0,1	0,0	0,1	0,2	0,1			0,17	+-1.4	0,2	P
1 kHz	0,0	0,1	-0,1	0,2	-0,1	0,1			0,24	+-1.1	-0,2	P
2 kHz	-0,1	0,1	0,0	0,3	0,3	0,2			0,37	+-1.6	0,2	P
4 kHz	-0,1	0,1	-0,2	0,4	0,3	0,2			0,46	+-1.6	0,0	P
8 kHz	-0,1	0,1	-0,2	0,5	0,0	0,3			0,59	2.1/3.1	-0,3	P
16 kHz	-0,1	0,1	-4,7	0,5	0,3	0,3			0,68	3.5/17	-4,5	P

The nominal frequency response of Norsonic / 1228 has been used for the calculations.
The overall frequency response of the sound level meter, nominal case reflections and microphone response has shown to conform with the requirements in IEC 61672-3 for a class 1 sound level meter.
The calculated uncertainties are checked against the requirements in the standard.
Sources for correction data:
Microphone response and uncertainty: Norsonic AS
Case reflections and uncertainty: Norsonic AS
Test Passed

Frequency weightings: A Network - IEC 61672-3 Ed.1 #12.3

Frequency (Hz)	Ref. (dB)	Meas. (dB)	Uncert. (dB)	Dev. (dB)
63,1	92,0	92,0	0,1	0,0
125,9	92,0	91,9	0,1	-0,1
251,2	92,0	91,9	0,1	-0,1
501,2	92,0	91,9	0,1	-0,1
1000,0	92,0	92,0	0,1	0,0
1995,3	92,0	91,9	0,1	-0,1
3981,1	92,0	91,9	0,1	-0,1
7943,3	92,0	91,9	0,1	-0,1
15848,9	92,0	92,0	0,1	0,0

Test Passed

Frequency weightings C Network - IEC 61672-3 Ed.1 #12.3

Frequency (Hz)	Ref. (dB)	Meas. (dB)	Uncert. (dB)	Dev. (dB)
63,1	92,0	91,9	0,1	-0,1
125,9	92,0	92,0	0,1	0,0
251,2	92,0	91,9	0,1	-0,1
501,2	92,0	92,0	0,1	0,0
1000,0	92,0	92,0	0,1	0,0
1995,3	92,0	91,9	0,1	-0,1
3981,1	92,0	91,9	0,1	-0,1
7943,3	92,0	91,9	0,1	-0,1
15848,9	92,0	91,9	0,1	-0,1

Test Passed

Norsonic

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Frequency weightings: Z Network - IEC 61672-3 Ed.1 #12.3

Frequency (Hz)	Ref. (dB)	Meas. (dB)	Uncert. (dB)	Dev. (dB)
63,1	92,0	92,0	0,1	0,0
125,9	92,0	92,0	0,1	0,0
251,2	92,0	91,9	0,1	-0,1
501,2	92,0	92,0	0,1	0,0
1000,0	92,0	92,0	0,1	0,0
1995,3	92,0	91,9	0,1	-0,1
3981,1	92,0	91,9	0,1	-0,1
7943,3	92,0	91,9	0,1	-0,1
15848,9	92,0	91,9	0,1	-0,1

Test Passed

Frequency and time weightings at 1 kHz IEC 61672-3 Ed.1 #13

Weightings Time	Netw	Ref. (dB)	Measured (dB)	Tol. (dB)	(dB)	Uncert. (dB)	Dev. (dB)	Result
Fast	A	114,0	114,0	0,4	-0,4	0,1	0,0	P
Fast	C	114,0	114,0	0,4	-0,4	0,1	0,0	P
Fast	Z	114,0	114,0	0,4	-0,4	0,1	0,0	P
Fast	Flat	114,0	114,0	0,4	-0,4	0,1	0,0	P
Slow	A	114,0	114,0	0,3	-0,3	0,1	0,0	P
Leq	A	114,0	114,0	0,3	-0,3	0,1	0,0	P
SEL	A	124,0	124,0	0,3	-0,3	0,1	0,0	P

Test Passed

Level linearity on the reference level range - IEC 61672-3 Ed.1 #14

Ref. (dB)	Measured (dB)	Tol. (dB)	(dB)	Uncert. (dB)	Dev. (dB)	Result
Measured at 31.5 Hz						
94,0	94,0	1,1	-1,1	0,1	0,0	P
95,0	95,0	1,1	-1,1	0,1	0,0	P
96,0	96,0	1,1	-1,1	0,1	0,0	P
97,0	97,0	1,1	-1,1	0,1	0,0	P
94,0	94,0	1,1	-1,1	0,1	0,0	P
89,0	89,1	1,1	-1,1	0,1	0,1	P
84,0	84,1	1,1	-1,1	0,1	0,1	P
79,0	79,1	1,1	-1,1	0,1	0,1	P
74,0	74,1	1,1	-1,1	0,1	0,1	P
69,0	69,1	1,1	-1,1	0,1	0,1	P
64,0	64,1	1,1	-1,1	0,1	0,1	P
59,0	59,0	1,1	-1,1	0,1	0,0	P
54,0	54,0	1,1	-1,1	0,1	0,0	P
49,0	49,1	1,1	-1,1	0,1	0,1	P
44,0	44,1	1,1	-1,1	0,1	0,1	P
40,0	40,0	1,1	-1,1	0,1	0,0	P
39,0	39,0	1,1	-1,1	0,1	0,0	P
38,0	38,0	1,1	-1,1	0,1	0,0	P
37,0	37,1	1,1	-1,1	0,1	0,1	P
36,0	36,0	1,1	-1,1	0,1	0,0	P
35,0	35,1	1,1	-1,1	0,1	0,1	P
Measured at 1 kHz						
114,0	114,0	1,1	-1,1	0,1	0,0	P
119,0	119,0	1,1	-1,1	0,1	0,0	P
124,0	124,0	1,1	-1,1	0,1	0,0	P
129,0	129,0	1,1	-1,1	0,1	0,0	P
132,0	132,0	1,1	-1,1	0,1	0,0	P
133,0	133,0	1,1	-1,1	0,1	0,0	P
134,0	134,0	1,1	-1,1	0,1	0,0	P
135,0	135,0	1,1	-1,1	0,1	0,0	P

Measurements performed by

NCL NORSONIC CALIBRATION LABORATORY

Street address: Gunnersbråtan 2, N-3408 Tranby, Norway
Tel.: +47 32858900 email: ncl@norsonic.com

Norsonic

Certificate No.: CAL 022-2021-13919

136,0	136,0	1,1	-1,1	0,1	0,0	P
114,0	114,0	1,1	-1,1	0,1	0,0	P
109,0	109,0	1,1	-1,1	0,1	0,0	P
104,0	104,0	1,1	-1,1	0,1	0,0	P
99,0	99,0	1,1	-1,1	0,1	0,0	P
94,0	94,0	1,1	-1,1	0,1	0,0	P
89,0	89,0	1,1	-1,1	0,1	0,0	P
84,0	84,0	1,1	1,1	0,1	0,0	P
79,0	79,0	1,1	1,1	0,1	0,0	P
74,0	74,0	1,1	1,1	0,1	0,0	P
69,0	69,0	1,1	1,1	0,1	0,0	P
64,0	64,0	1,1	-1,1	0,1	0,0	P
59,0	59,0	1,1	-1,1	0,1	0,0	P
54,0	54,0	1,1	-1,1	0,1	0,0	P
49,0	49,0	1,1	-1,1	0,1	0,0	P
44,0	44,0	1,1	-1,1	0,1	0,0	P
40,0	40,0	1,1	-1,1	0,1	0,0	P
39,0	39,0	1,1	-1,1	0,1	0,0	P
38,0	38,0	1,1	-1,1	0,1	0,0	P
37,0	37,0	1,1	-1,1	0,1	0,0	P
36,0	36,0	1,1	-1,1	0,1	0,0	P
35,0	35,0	1,1	1,1	0,1	0,0	P

Measured at x kHz

114,0	114,0	1,1	1,1	0,1	0,0	P
119,0	119,0	1,1	1,1	0,1	0,0	P
124,0	124,1	1,1	1,1	0,1	0,1	P
129,0	129,0	1,1	-1,1	0,1	0,0	P
132,0	132,0	1,1	-1,1	0,1	0,0	P
133,0	133,0	1,1	-1,1	0,1	0,0	P
134,0	134,0	1,1	-1,1	0,1	0,0	P
135,0	135,0	1,1	-1,1	0,1	0,0	P
136,0	136,1	1,1	-1,1	0,1	0,1	P
114,0	114,0	1,1	-1,1	0,1	0,0	P
109,0	109,0	1,1	-1,1	0,1	0,0	P
104,0	104,0	1,1	-1,1	0,1	0,0	P
99,0	99,0	1,1	-1,1	0,1	0,0	P
94,0	94,0	1,1	-1,1	0,1	0,0	P
89,0	89,0	1,1	-1,1	0,1	0,0	P
84,0	84,0	1,1	-1,1	0,1	0,0	P
79,0	79,0	1,1	-1,1	0,1	0,0	P
74,0	74,0	1,1	-1,1	0,1	0,0	P
69,0	69,0	1,1	1,1	0,1	0,0	P
64,0	64,0	1,1	1,1	0,1	0,0	P
59,0	59,0	1,1	1,1	0,1	0,0	P
54,0	54,0	1,1	1,1	0,1	0,0	P
49,0	49,0	1,1	1,1	0,1	0,0	P
44,0	44,0	1,1	-1,1	0,1	0,0	P
40,0	40,0	1,1	-1,1	0,1	0,0	P
39,0	39,0	1,1	-1,1	0,1	0,0	P
38,0	38,0	1,1	-1,1	0,1	0,0	P
37,0	37,0	1,1	-1,1	0,1	0,0	P
36,0	36,1	1,1	-1,1	0,1	0,1	P
35,0	35,1	1,1	-1,1	0,1	0,1	P

Test Passed

Norsonic

Certificate No.: CAL 022-2021-13919

Toneburst response - IEC 61672-3 Ed.1 #16

Burst type	Ref. (dB)	Measured (dB)	Tol. (dB)	Tol. (dB)	Uncert. (dB)	Dev. (dB)	Result
Fast 200 mSec	133,0	132,9	0,8	-0,8	0,2	-0,1	P
Fast 2.0 mSec	116,0	115,7	1,3	1,8	0,2	-0,3	P
Fast 0.25 mSec	107,0	106,3	1,3	3,3	0,2	-0,7	P
Slow 200 mSec	126,6	126,5	0,8	0,8	0,2	0,1	P
Slow 2.0 mSec	107,0	106,9	1,3	-3,3	0,2	0,1	P
SEL 200 mSec	127,0	126,9	0,8	-0,8	0,2	-0,1	P
SEL 2.0 mSec	107,0	106,9	1,3	-1,8	0,2	-0,1	P
SEL 0.25 mSec	98,0	97,4	1,3	-3,3	0,2	-0,6	P

Test Passed

Peak C sound level - IEC 61672-3 Ed.1 #17

Pulse Type	Pulse Freq. (Hz)	Ref. RMS (dB)	Ref. Peak (dB)	Measured Value (dB)	Tol. (+/-dB)	Uncert. (dB)	Dev. (dB)	Result
1 cycle	8k	129,0	132,4	132,0	2,4	0,2	-0,4	P
Pos 1/2 cycle	500	132,0	134,4	134,4	1,4	0,2	0,0	P
Neg 1/2 cycle	500	132,0	134,4	134,3	1,4	0,2	-0,1	P

Test Passed

Overload indication - IEC 61672-3 Ed.1 #18

	Measured (dB)	Tol. (+/-dB)	Uncert. (dB)	Result
Level difference of positive and negative pulses:	0,2	1,8	0,2	P
Positive 1/2 cycle 4 kHz. Overload occurred at:	142,1			
Negative 1/2 cycle 4 kHz. Overload occurred at:	142,3			

Test Passed

Measurements performed by NCL NORSONIC CALIBRATION LABORATORY

Street address: Gunnersbritan 2, N-3408 Tranby, Norway
Tel.: +47 32858900 email. ncl@norsonic.com

ALT
Acoustic Laboratory Thailand

Certificate of Calibration

Certificate No.: S2109-0110

Customer: TME SYSTEMS PTE LTD.
1 Commonwealth Lane, #07-06 1 Commonwealth, 149544 Singapore.

Date of calibration: 2021-09-13
Date of issue: 2021-09-13
Instrument Calibrated: Sound Level Meter
Manufacturer: Norsonic
Type: Nor131
Serial no: 1313979

Calibration and verification performed:
Acoustical levels are stated relative to 20µPa. Other dB levels are relative values.
The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k, which with the reported effective degree of freedom corresponds to coverage probability of approximately 95%. The standard uncertainty of measurement has been determined in accordance with EA publication EA-4/02
The sound level meter instrument submitted for periodic testing following the periodic tests of IEC 61672-3.
Preconditioning:
The equipment was preconditioned for more than 12 hours at the specified calibration temperature and humidity.
Instruments and Program:
A complete list of instruments, hardware, and software, that has been used for this calibration is separately available from the calibration laboratory.

Equipment standards used:
- Sound measuring equipment calibration unit 4833 S/N31083
- Digital multimeter Keysight S/N HP34401A
- Ultra-low distortion function generator Stanford SRS DS360 S/N123625
- Acoustic calibrator class 0 Nor1253 S/N32941
- System software Nor1504A

Traceability
The measured values are traceable to following the ISO/IEC 17025 laboratories:
Sound Pressure Level: NCL, Norway
Reference microphone: NCL, Norway
Voltage: TPA,Thailand
Frequency: TPA, Thailand

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Acoustic Laboratory Thailand

Certificate No.: S2109-0110

	Pressure:	Temperature:	Relative humidity:
Environmental conditions:			
Reference conditions:	101.325 kPa	23.0 °C	50 %RH
Measurement conditions:	100.46 ± 0.05 kPa	23.1 ± 0.6 °C	51.8 ± 3.0 %RH

1. Absolute sensitivity

Reference Acoustic Signal (dB)	Measured value (dB)		Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
	Before adjust	After adjust			
94.0	94.0	94.0	0.0	±0.2	±1.4

2. Self-generated noise

Frequency Weighting	Measured value (dB)	Uncertainty (dB)
A-Weighting	15.5	±0.2
C-Weighting	16.0	+0.2
Z-Weighting	20.5	±0.2

3. Frequency weightings: A-Network Reference acoustic signal 92 dB

Frequency (Hz)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
63.1	92.0	0.0	±0.2	+2.5
125.9	92.0	0.0	+0.2	12.0
251.2	92.0	0.0	±0.2	±1.9
501.2	92.0	0.0	±0.2	±1.9
1000.0	92.0	0.0	+0.2	±1.4
1995.3	92.0	0.0	10.2	±2.6
3981.1	92.0	0.0	±0.2	±3.1
7943.3	92.0	0.0	±0.2	+5.6

Date of calibration : 2021-09-13
Date of issue : 2021-09-13

ALT
Acoustic Laboratory
Thailand

Certificate No.: S2109-0110

4. Frequency weightings: C-Network Reference acoustic signal 92 dB

Frequency (Hz)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
63.1	92.0	0.0	±0.2	±2.5
125.9	92.0	0.0	±0.2	±2.0
251.2	92.0	0.0	±0.2	±1.9
501.2	92.1	0.1	±0.2	±1.9
1000.0	92.0	0.0	±0.2	±1.4
1995.3	92.0	0.0	±0.2	±2.6
3981.1	92.0	0.0	±0.2	±3.1
7943.3	92.0	0.0	±0.2	±5.6

5. Frequency weightings: Z Network Reference acoustic signal 92 dB

Frequency (Hz)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
63.1	92.0	0.0	±0.2	±2.5
125.9	92.0	0.0	±0.2	±2.0
251.2	92.0	0.0	±0.2	±1.9
501.2	92.0	0.0	±0.2	±1.9
1000.0	92.0	0.0	±0.2	±1.4
1995.3	92.0	0.0	±0.2	±2.6
3981.1	92.0	0.0	±0.2	±3.1
7943.3	92.0	0.0	±0.2	±5.6

6. Time weightings at 1kHz

Time weightings	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
Fast	114.0	0.0	±0.2	±0.3
Slow	113.9	-0.1	±0.2	±0.3
Leq	114.0	0.0	±0.2	±0.3
SEL	134.0	0.0	±0.2	±0.3

Date of calibration : 2021-09-13
Date of issue : 2021-09-13

Registration number 0105564080621
8/54 Soi Ram 50/47, Bang Kapi, 10220 Bangkok Thailand

ALT
Acoustic Laboratory
Thailand

Certificate No.: S2109-0110

7. Frequency weightings at 1kHz

Frequency weightings	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
A	114.0	0.0	±0.2	±0.4
C	114.0	0.0	±0.2	±0.4
Z	114.0	0.0	±0.2	±0.4

8. Level linearity on the refence level range

Anticipated Value (dB)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
114.0	114.0	0.0	±0.2	±1.4
119.0	118.9	-0.1	±0.2	±1.4
124.0	124.0	0.0	±0.2	±1.4
129.0	129.0	0.0	±0.2	±1.4
131.9	131.9	0.0	±0.2	±1.4
132.9	132.9	0.0	±0.2	±1.4
133.9	133.9	0.0	±0.2	±1.4
134.9	134.9	0.0	±0.2	±1.4
135.9	135.9	0.0	±0.2	±1.4
114.0	114.0	0.0	±0.2	±1.4
109.0	109.0	0.0	±0.2	±1.4
104.0	103.9	-0.1	±0.2	±1.4
99.0	98.9	-0.1	±0.2	±1.4
94.0	93.9	-0.1	±0.2	±1.4
89.0	88.9	-0.1	±0.2	±1.4
84.0	83.9	-0.1	±0.2	±1.4
79.0	78.9	-0.1	±0.2	±1.4
74.0	73.9	-0.1	±0.2	±1.4
69.0	68.9	-0.1	±0.2	±1.4
64.0	63.9	-0.1	±0.2	±1.4

Date of calibration : 2021-09-13
Date of issue : 2021-09-13

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Acoustic Laboratory Thailand

Certificate No.: S2109-0110

8. Level linearity on the refence level range (continue)

Anticipated Value (dB)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
59.0	58.9	-0.1	±0.2	±1.4
54.0	53.9	-0.1	±0.2	±1.4
49.0	48.9	-0.1	±0.2	±1.4
44.0	43.9	-0.1	±0.2	±1.4
39.0	38.9	-0.1	±0.2	±1.4
38.0	37.9	-0.1	±0.2	±1.4
37.0	36.9	-0.1	±0.2	±1.4
36.0	35.9	-0.1	±0.2	±1.4
35.0	35.0	0.0	±0.2	±1.4

9. Tone burst response

Time weightings	Tone burst duration,Tb (ms)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
Fast	200	133.9	-0.1	±0.2	±1.0
	2	116.8	-0.2	±0.2	−1.0;-2.5
	0.25	107.4	-0.6	±0.2	−1.5;-5.0
Slow	200	127.5	-0.1	±0.2	±1.0
	2	107.9	-0.1	±0.2	−1.5;-5.0
SEL	200	128.0	0.0	±0.2	±1.0
	2	107.9	-0.1	±0.2	−1.0;-2.5
	0.25	98.7	-0.3	±0.2	−1.5;-5.0

Date of calibration : 2021-09-13
Date of issue : 2021-09-13

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Acoustic Laboratory Thailand

Certificate No.: S2109-0110

10. Peak C sound level

Number of cycles in test signal	Anticipated Value (dB)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
Complete cycle	129.4	128.8	0.6	±0.2	+3.0
Positive half cycle	131.4	131.2	-0.2	±0.2	+2.0
Negative half cycle	131.4	131.2	-0.2	+0.2	+2.0

11. Overload indication

Measured value (dB)		Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
Positive one half cycle	Negative one half cycle			
143.1	143.2	0.1	±0.2	±1.5

The reported expanded uncertainty is based upon a standard uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95%

Calibrated By: Kanokwan K.
(Ms. Kanokwan Khampang)

Approved By: .....
(Mr. Pitupong Sarapho)

Date of calibration : 2021-09-13
Date of issue : 2021-09-13

Registration no. ... 0105540083630
9/4 Poomsin Soi 42, ... Wat, 10220 Bangkok Thailand

GeoNoise
Acoustical Consulting
Sound instrumentation and Circulation Software

Certificate of Calibration

Certificate No.:Cal 010-0221-0340

Order No: 100221-1

Customer: TME Systems PTE.,LTD
1 Common Wealth Lane # 0706
Commonwealth Singapore 149544

Date of calibration: 2021 02 10
Date of issue: 2021-02-10

Instrument Calibrated: Sound Level Meter
Manufacturer: Norsonic
Type: Nor 131
Serial no: 1313950

Calibration and verification performed:
Acoustical levels are stated relative to 20µPa. Other dB levels are relative values.
The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k, which with the reported effective degree of freedom corresponds to coverage probability of approximately 95%. The standard uncertainty of measurement has been determined in accordance with EA publication EA-4/02
The sound level meter instrument submitted for periodic testing following the periodic tests of IEC 61672-3.
Preconditioning:
The equipment was preconditioned for more than 12 hours at the specified calibration temperature and humidity.
Instruments and Program:
A complete list of instruments, hardware and software, that has been used for this calibration is separately available from the calibration laboratory.

Equipment standards used:
- Sound measuring equipment calibration unit 483B S/N31083
- Digital multimeter Keysight S/N IIP34401A
  Ultra low distortion function generator stanford SRS DS360 S/N123625
- Acoustic calibrator class 0 Nor1253 S/N32941
- Referent microphone condenser G.R.A.S. 40AU-1 S/N 309231
- System software Nor1504A

Traceability
The measured values are traceable to following the ISO/IEC 17025 laboratories:
Sound Pressure Level: NCL, Norway
Reference microphone: NCL, Norway
Voltage: TPA,Thailand
Frequency: TPA, Thailand

Registration number 0415549000209
6/54-56 Poemsin 42, Sai Mai Bangkok 10220 Thailand
Tel (+66) 02 1214399 Fax (+66) 02 1214399 Email : contact@geonoise.asia
www.geonoise.co.th

GeoNoise
Acoustical Consulting
Sound Instrumentation and Calculation Software

Certificate No.:Cal 010-0221-0340 Order No: 100221-1

	Pressure:	Temperature:	Relative humidity:
Environmental conditions:			
Reference conditions:	101.325 kPa	23.0 °C	50 %RH
Measurement conditions:	100.46 ± 0.05 kPa	23.1 ± 0.6 °C	51.8 + 3.0 %RH

1. Absolute sensitivity

Reference Acoustic Signal (dB)	Measured value (dB)		Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
	Before adjust	After adjust			
94.0	93.9	94.0	0.0	±0.2	±1.4

2. Self-generated noise

Frequency Weighting	Measured value (dB)	Uncertainty (dB)
A-Weighting	15.0	±0.2
C-Weighting	20.0	±0.2
Z-Weighting	25.0	±0.2

3. Frequency weightings: A-Network Reference acoustic signal 92 dB

Frequency (Hz)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
63.1	92.0	0.0	±0.2	±2.5
125.9	92.0	0.0	±0.2	±2.0
251.2	92.0	0.0	±0.2	±1.9
501.2	92.0	0.0	±0.2	±1.9
1000.0	92.0	0.0	±0.2	±1.4
1995.3	92.0	0.0	±0.2	±2.6
3981.1	92.0	0.0	±0.2	±3.1
7943.3	92.0	0.0	±0.2	±5.6

Date of calibration : 2021-02-10
Date of issue : 2021-02-10

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www.geonoise.co.th

GeoNoise
Acoustical Consulting
Sound Instrumentation and Calculation Software

Certificate No.:Cal 010-0221-0340 Order No: 100221-1

4. Frequency weightings: C-Network Reference acoustic signal 92 dB

Frequency (Hz)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
63.1	91.9	-0.1	±0.2	±2.5
125.9	92.0	0.0	±0.2	±2.0
251.2	92.0	0.0	±0.2	±1.9
501.2	92.0	0.0	±0.2	±1.9
1000.0	92.0	0.0	±0.2	±1.4
1995.3	92.0	0.0	±0.2	±2.6
3981.1	91.9	-0.1	±0.2	±3.1
7943.3	92.0	0.0	±0.2	±5.6
15848.9	92.0	0.0	±0.2	±5.6

5. Frequency weightings: Z-Network Reference acoustic signal 92 dB

Frequency (Hz)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
63.1	92.0	0.0	±0.2	±2.5
125.9	92.0	0.0	±0.2	±2.0
251.2	92.0	0.0	±0.2	±1.9
501.2	92.0	0.0	±0.2	±1.9
1000.0	92.0	0.0	±0.2	±1.4
1995.3	92.0	0.0	±0.2	±2.6
3981.1	92.0	0.0	±0.2	±3.1
7943.3	92.0	0.0	±0.2	±5.6
15848.9	92.0	0.0	±0.2	±5.6

6. Time weightings at 1kHz

Time weightings	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
Fast	114.0	0.0	±0.2	±0.3
Slow	114.0	0.0	±0.2	±0.3
Leq	114.0	0.0	±0.2	±0.3

Date of calibration : 2021-02-10
Date of issue : 2021-02-10

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7. Frequency weightings at 1kHz

Frequency weightings	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
A	114.0	0.0	±0.2	±0.4
C	114.0	0.0	±0.2	±0.4
Z	114.0	0.0	±0.2	±0.4

8. Level linearity on the refence level range

Anticipated Value (dB)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
114.0	114.0	0.0	±0.2	±1.4
119.0	118.9	-0.1	±0.2	±1.4
124.0	123.9	-0.1	±0.2	±1.4
129.0	128.9	-0.1	±0.2	±1.4
133.0	132.9	-0.1	±0.2	±1.4
114.0	133.9	-0.1	±0.2	±1.4
109.0	134.9	-0.1	±0.2	±1.4
104.0	135.9	-0.1	±0.2	±1.4
99.0	136.9	-0.1	±0.2	±1.4
94.0	114.0	0.0	±0.2	±1.4
89.0	108.9	-0.1	±0.2	±1.4
84.0	103.9	-0.1	±0.2	±1.4
79.0	98.9	-0.1	±0.2	±1.4
74.0	93.9	-0.1	±0.2	±1.4
69.0	88.9	-0.1	±0.2	±1.4
64.0	83.9	-0.1	±0.2	±1.4
59.0	78.9	-0.1	±0.2	±1.4
54.0	73.9	-0.1	±0.2	±1.4

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Date of issue : 2021-02-10

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8. Level linearity on the refence level range (continue)

Anticipated Value (dB)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
49.0	49.0	0.0	±0.2	±1.4
44.0	44.1	0.1	±0.2	±1.4
39.0	39.5	0.5	±0.2	±1.4
38.0	38.7	0.7	±0.2	±1.4
37.0	38.1	1.1	±0.2	±1.4
36.0	37.4	1.4	±0.2	±1.4
35.0	36.4	1.4	±0.2	±1.4

9. Tone burst response

Time weightings	Tone burst duration,Tb (ms)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
Fast	200	134.0	0.0	±0.2	±1.0
	2	117.0	0.0	±0.2	+1.0;-2.5
	0.25	108.0	0.0	±0.2	+1.5;-5.0
Slow	200	127.6	0.0	±0.2	±1.0
	2	108.0	0.0	±0.2	+1.5;-5.0
SEL	200	128.0	0.0	±0.2	±1.0
	2	108.0	0.0	±0.2	+1.0;-2.5
	0.25	99.0	0.0	±0.2	+1.5;-5.0

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10. Peak C sound level

Number of cycles in test signal	Anticipated Value (dB)	Measured value (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
Complete cycle	129.4	129.5	0.1	±0.2	±3.0
Positive half cycle	131.4	131.0	0.4	±0.2	±2.0
Negative half cycle	131.4	131.2	0.2	±0.2	±2.0

11. Overload indication

Measured value (dB)		Deviated value (dB)	Uncertainty (dB)	Tolerance limit (dB)
Positive one half cycle	Negative one half cycle			
138.1	137.9	0.2	±0.2	=1.5

The reported expanded uncertainty is based upon a standard uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95%

Calibrated By:.....
(Mr. Pakpoom Bunyuen)

Approved By:.....
(Mr. Pitupong Sarapho)

Date of calibration : 2021-02-10
Date of issue : 2021-02-10

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Certificate of Calibration

Certificate No.: 476754898

Object:	Precision Sound Level Meter Nor131
Supplier:	Norsonic AS
Type:	Nor131
Serial number:	1314098
Client:	AECOM Singapore Pte.Ltd.

This instrument is tested and calibrated in accordance to the Norsonic production standard set for Nor131, ensuring that the instrument conforms to the following standards;

IEC 61672-1:2002 class 1
IEC 61260-1 class 1 Ed 1.0 2014-02
ANSI S1.4-1983 (R2001) with amd. S1.4A-1985 class 1
ANSI S1.43-1997 (R2002) class 1
ANSI S1.11-2004 class 1
DIN 45 657, Applicable parts
IEC 61094 part 4

Instrumentation used for calibration traceable to:

Electrical Parameters: MT, Norway
Acoustical Parameters: PTB, Germany
Environmental Parameters: Justervesenet. Norway

FW version:	4.0.1430 2020-08-12 11:26r
Id no.:	6754898
Accessories:	Preamplifier type: 1207 S.no: 21395 Microphone type: 1228 S.no: 03162
Comments:	None

Date of calibration:	**Calibration interval recommended:**
2021-06-17	2 years

The environmental parameters applicable to this calibration are kept well within limits ensuring negligible deviation on obtained measurement results.

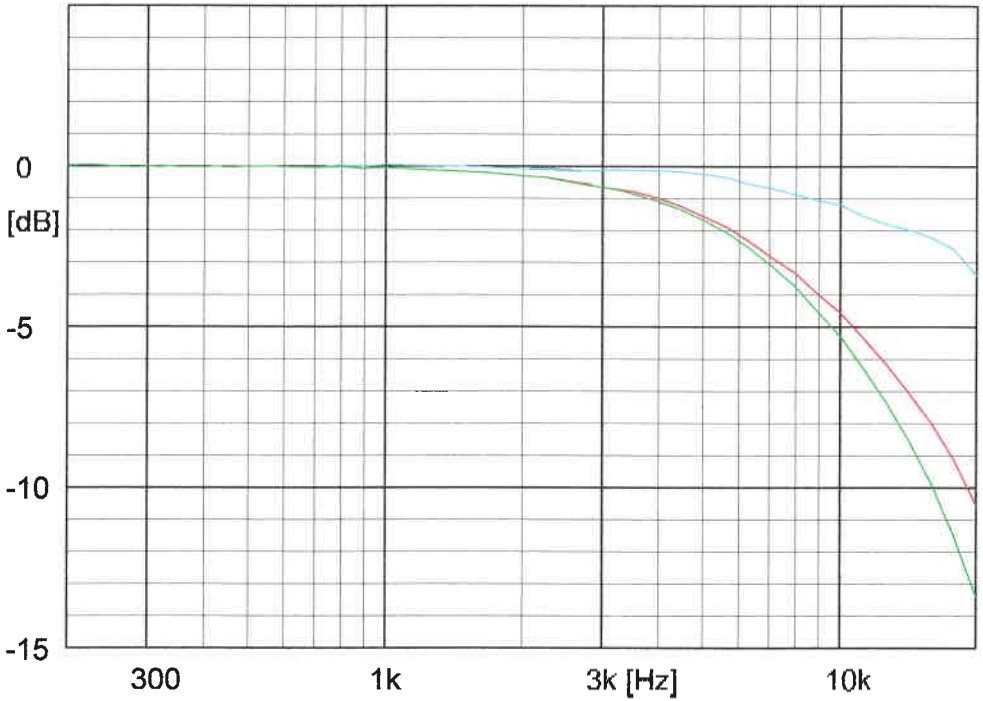
Calibrated by:
Anders Amundsen

Sign. AA

Norsonic

Norsonic AS, P.B 24, 3421 Lierskogen. Visitor address: Gunnersbråtan 2, Tranby, Norway.
Phone +47 32858900 Fax.: +47 32852208. email: info@norsonic.com

Microphone Calibration Certificate



Norsonic
Type: 1228

Serial no: 03162

Sensitivity. 41,5 mV/Pa
-27,0 dB re 1 V/Pa

Date: 2021-06-14

Signature: E. Horch

Measurement conditions:

Polarisation voltage:	0,0 V
Pressure:	97,90 kPa
Temperature:	24,1 °C
Relative humidity:	43,1 %RH

Results are normalized to the reference conditions.

Free field response
Diffuse field response
Pressure (Actuator) response

Norsonic AS
www.norsonic.com

Microphone Specifications

Calibration of your microphone cartridge has been made with utmost care to meet all your needs for a high quality measurement device. The calibration is traceable to PTB in Germany.

Nominal Specifications

Ambient temperature coeffecient: 0.01 dB/°C
Ambient pressure coeffecient: -1×10^{-5} dB/Pa
Temperature range: -30 to +70°C
Diameter: 13.2 mm with protection grid on,
12.7 mm without protection grid
Thread for preamp mounting: 11.7 mm 60 UNS

Reference Values

Temperature: 23°C
Relative humidity: 50%
Ambient pressure: 101.325 kPa
Test frequency for sensitivity: 250 Hz

Norsonic Warranty Statement

The warranty period for microphones is 36 months after the time of delivery.
The warranty does not include damage due to improper handling, overload, force majeur, or normal wear and tear. The warranty is not granted if the buyer make modifications or repairs without our written consent. Norsonic can choose either to repair or replace microphones having defects due to material or workmanship. Defective goods should be returned to our factory or one of our distributors, and shipments are to be paid and insured by the buyer unless otherwise agreed.

Appendix R1

Impact Assessment for Habitats, Plant and Faunal Species in Eng Neo Avenue Forest

					Pre-mitigated				Post-mitigated (Residual)			
Phase	Impact type	Habitat	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
Construction	Loss of vegetation	Native-dominated Secondary Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Abandoned-land Forest	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Low	Very Low	Certain	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Waste Woodland	Medium	Priority 2	Low	Very Low	Certain	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Managed Vegetation	Low	Priority 3	Low	Very Low	Certain	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Anaerobic Pond	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		D/S14 Stream	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Habitat degradation	Native-dominated Secondary Forest	Medium	Priority 1	Medium	Medium	Less Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Abandoned-land Forest	Medium	Priority 2	Medium	Low	Less Likely	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Medium	Low	Possible	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Waste Woodland	Medium	Priority 2	Medium	Low	Possible	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Anaerobic Pond	Medium	Priority 2	Medium	Low	Less Likely	Minor	Negligible	Imperceptible	Unlikely	Negligible
		D/S14 Stream	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Change in species composition	Native-dominated Secondary Forest	High	Priority 1	Low	Low	Less Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Abandoned-land Forest	Medium	Priority 2	Low	Very Low	Possible	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Medium	Low	Possible	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Waste Woodland	Medium	Priority 2	Medium	Low	Possible	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Anaerobic Pond	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		D/S14 Stream	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Operational	Habitat degradation	Native-dominated Secondary Forest	High	Priority 1	Low	Low	Less Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Abandoned-land Forest	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Waste Woodland	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Anaerobic Pond	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		D/S14 Stream	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Change in species composition	Native-dominated Secondary Forest	High	Priority 1	High	High	Less Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Abandoned-land Forest	Medium	Priority 2	Medium	Low	Less Likely	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Medium	Low	Less Likely	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Waste Woodland	Medium	Priority 2	Medium	Low	Less Likely	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Anaerobic Pond	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		D/S14 Stream	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
Construction	Mortality	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Agelaea macrophylla	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Low	Low	Certain	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ardisia elliptica	Myrsinaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Artocarpus lacucha	Moraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Blechnum finlaysonianum	Blechnaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Callicarpa longifolia	Lamiaceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Canthiumeria robusta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Clerodendrum villosum	Lamiaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum maingayi	Hypericaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Derris amoena var. maingayana	Fabaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Dioscorea orbiculata var. tenuifolia	Dioscoreaceae	Native	Not assessed; recently	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Diospyros styraciformis	Ebenaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Dysoxylum cauliflorum	Meliaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Certain	**Major**	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Low	Low	Certain	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus villosa	Moraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Flacourtia rukam	Salicaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Garcinia eugeniifolia	Clusiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Garcinia griffithii	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Garcinia hombroniana	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Hornstedtia scyphifera var. scyphifera	Zingiberaceae	Native	Vulnerable	Herb	High	Priority 1	Medium	Medium	Certain	**Major**	Negligible	Very Low	Unlikely	Negligible
		Hoya diversifolia	Apocynaceae	Native	Critically Endangered	Epiphyte	High	Priority 1	High	High	Certain	**Major**	Negligible	Very Low	Unlikely	Negligible
		Knema cf. *malayana*	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Koompassia malaccensis	Fabaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Lindera lucida	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Litsea castanea	Lauraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Litsea grandis	Lauraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Lygodium circinnatum	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Neolitsea cassia	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Oncosperma horridum	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Phytocrene bracteata	Icacinaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Porterandia anisophylla	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Premna serratifolia	Lamiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Prunus arborea var. stipulacea	Rosaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Psychotria ovoidea	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Pternandra echinata	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Selaginella argentea	Selaginellaceae	Native	Critically Endangered	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Sterculia rubiginosa	Malvaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Syzygium nemestrinum	Myrtaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Uncaria cordata	Rubiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Impediment to seedling recruitment	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Agelaea macrophylla	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ardisia elliptica	Myrsinaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Artocarpus lacucha	Moraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Certain	Minor	Negligible	Very Low	Unlikely	Negligible
		Blechnum finlaysonianum	Blechnaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Callicarpa longifolia	Lamiaceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Canthiumeria robusta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Clerodendrum villosum	Lamiaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum maingayi	Hypericaceae	Native	Critically Endangered	Tree	High	Priority 1	High	High	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Derris amoena var. maingayana	Fabaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Dioscorea orbiculata var. tenuifolia	Dioscoreaceae	Native	Not assessed; recently	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Diospyros styraciformis	Ebenaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Dysoxylum cauliflorum	Meliaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus villosa	Moraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Flacourtia rukam	Salicaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia eugeniifolia	Clusiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia griffithii	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia hombroniana	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Hornstedtia scyphifera var. scyphifera	Zingiberaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Hoya diversifolia	Apocynaceae	Native	Critically Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Knema cf. *malayana*	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Koompassia malaccensis	Fabaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Lindera lucida	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Litsea castanea	Lauraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Litsea grandis	Lauraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Lygodium circinnatum	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Neolitsea cassia	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Oncosperma horridum	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Phytocrene bracteata	Icacinaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Porterandia anisophylla	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Premna serratifolia	Lamiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Prunus arborea var. stipulacea	Rosaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Psychotria ovoidea	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Pternandra echinata	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Selaginella argentea	Selaginellaceae	Native	Critically Endangered	Herb	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Sterculia rubiginosa	Malvaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Syzygium nemestrinum	Myrtaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Uncaria cordata	Rubiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
	Competition from exotic species	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Agelaea macrophylla	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ardisia elliptica	Myrsinaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Artocarpus lacucha	Moraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Blechnum finlaysonianum	Blechnaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Callicarpa longifolia	Lamiaceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Canthiumeria robusta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Clerodendrum villosum	Lamiaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum maingayi	Hypericaceae	Native	Critically Endangered	Tree	High	Priority 1	High	High	Likely	**Major**	Negligible	Very Low	Unlikely	Negligible
		Derris amoena var. maingayana	Fabaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Dioscorea orbiculata var. tenuifolia	Dioscoreaceae	Native	Not assessed; recently	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Diospyros styraciformis	Ebenaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Dysoxylum cauliflorum	Meliaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Medium	Medium	Likely	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus villosa	Moraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Flacourtia rukam	Salicaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia eugeniifolia	Clusiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia griffithii	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia hombroniana	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Hornstedtia scyphifera var. scyphifera	Zingiberaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Hoya diversifolia	Apocynaceae	Native	Critically Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Knema cf. *malayana*	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Koompassia malaccensis	Fabaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Lindera lucida	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Litsea castanea	Lauraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Litsea grandis	Lauraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Lygodium circinnatum	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Neolitsea cassia	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Oncosperma horridum	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Phytocrene bracteata	Icacinaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Porterandia anisophylla	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Premna serratifolia	Lamiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Prunus arborea var. stipulacea	Rosaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Psychotria ovoidea	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Pternandra echinata	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Selaginella argentea	Selaginellaceae	Native	Critically Endangered	Herb	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Sterculia rubiginosa	Malvaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Syzygium nemestrinum	Myrtaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Uncaria cordata	Rubiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
	Decline in plant health and survival	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Agelaea macrophylla	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ardisia elliptica	Myrsinaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Artocarpus lacucha	Moraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Blechnum finlaysonianum	Blechnaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Callicarpa longifolia	Lamiaceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Canthiumeria robusta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Clerodendrum villosum	Lamiaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum maingayi	Hypericaceae	Native	Critically Endangered	Tree	High	Priority 1	High	High	Likely	**Major**	Negligible	Very Low	Unlikely	Negligible
		Derris amoena var. maingayana	Fabaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Dioscorea orbiculata var. tenuifolia	Dioscoreaceae	Native	Not assessed; recently	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Diospyros styraciformis	Ebenaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Dysoxylum cauliflorum	Meliaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Medium	Medium	Likely	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus villosa	Moraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Flacourtia rukam	Salicaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia eugeniifolia	Clusiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia griffithii	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Garcinia hombroniana	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Hornstedtia scyphifera var. scyphifera	Zingiberaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Hoya diversifolia	Apocynaceae	Native	Critically Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Knema cf. *malayana*	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Koompassia malaccensis	Fabaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Lindera lucida	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Litsea castanea	Lauraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Litsea grandis	Lauraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Lygodium circinnatum	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Neolitsea cassia	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Oncosperma horridum	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Phytocrene bracteata	Icacinaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Porterandia anisophylla	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Premna serratifolia	Lamiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Prunus arborea var. stipulacea	Rosaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Psychotria ovoidea	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Pternandra echinata	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Selaginella argentea	Selaginellaceae	Native	Critically Endangered	Herb	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Sterculia rubiginosa	Malvaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Syzygium nemestrinum	Myrtaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Uncaria cordata	Rubiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Unlikely	Negligible
Operational	Mortality	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Agelaea macrophylla	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ardisia elliptica	Myrsinaceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Artocarpus lacucha	Moraceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Blechnum finlaysonianum	Blechnaceae	Native	Vulnerable	Herb	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Callicarpa longifolia	Lamiaceae	Native	Endangered	Shrub	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Canthiumeria robusta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Clerodendrum villosum	Lamiaceae	Native	Vulnerable	Shrub	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum maingayi	Hypericaceae	Native	Critically Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Derris amoena var. maingayana	Fabaceae	Native	Vulnerable	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Dioscorea orbiculata var. tenuifolia	Dioscoreaceae	Native	Not assessed; recently	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Diospyros styraciformis	Ebenaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Dysoxylum cauliflorum	Meliaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus villosa	Moraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Flacourtia rukam	Salicaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Garcinia eugeniifolia	Clusiaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Garcinia griffithii	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Garcinia hombroniana	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Hornstedtia scyphifera var. scyphifera	Zingiberaceae	Native	Vulnerable	Herb	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Hoya diversifolia	Apocynaceae	Native	Critically Endangered	Epiphyte	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Knema cf. *malayana*	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Koompassia malaccensis	Fabaceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Lindera lucida	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Litsea castanea	Lauraceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Litsea grandis	Lauraceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Lygodium circinnatum	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Neolitsea cassia	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Oncosperma horridum	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Phytocrene bracteata	Icacinaceae	Native	Vulnerable	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Porterandia anisophylla	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Premna serratifolia	Lamiaceae	Native	Vulnerable	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Prunus arborea var. stipulacea	Rosaceae	Native	Critically Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Psychotria ovoidea	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Pternandra echinata	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Selaginella argentea	Selaginellaceae	Native	Critically Endangered	Herb	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Sterculia rubiginosa	Malvaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Syzygium nemestrinum	Myrtaceae	Native	Endangered	Tree	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Uncaria cordata	Rubiaceae	Native	Endangered	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Competition from exotic species	*Agelaea borneensis*	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Agelaea macrophylla	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ardisia elliptica	Myrsinaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Artocarpus lacucha	Moraceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Blechnum finlaysonianum	Blechnaceae	Native	Vulnerable	Herb	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Callicarpa longifolia	Lamiaceae	Native	Endangered	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Canthiumeria robusta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Clerodendrum villosum	Lamiaceae	Native	Vulnerable	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum maingayi	Hypericaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Derris amoena var. maingayana	Fabaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Dioscorea orbiculata var. tenuifolia	Dioscoreaceae	Native	Not assessed; recently	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Diospyros styraciformis	Ebenaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Dysoxylum cauliflorum	Meliaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Ficus villosa	Moraceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Flacourtia rukam	Salicaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Garcinia eugeniifolia	Clusiaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Garcinia griffithii	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Garcinia hombroniana	Clusiaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Hornstedtia scyphifera var. scyphifera	Zingiberaceae	Native	Vulnerable	Herb	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Hoya diversifolia	Apocynaceae	Native	Critically Endangered	Epiphyte	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Knema cf. *malayana*	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Koompassia malaccensis	Fabaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Lindera lucida	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Litsea castanea	Lauraceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Litsea grandis	Lauraceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Lygodium circinnatum	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Neolitsea cassia	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Oncosperma horridum	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Phytocrene bracteata	Icacinaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Porterandia anisophylla	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Premna serratifolia	Lamiaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Prunus arborea var. stipulacea	Rosaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Psychotria ovoidea	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Pternandra echinata	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Selaginella argentea	Selaginellaceae	Native	Critically Endangered	Herb	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Sterculia rubiginosa	Malvaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Syzygium nemestrinum	Myrtaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Uncaria cordata	Rubiaceae	Native	Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (Residual)			
Phase	Impact type	Taxon	Scientific Name	Common Name	National status	Global status	Ecological value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
Construction	Loss of reduction in habitats and food sources	Butterfly	*Telicota colon stinga*	Common palm dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Pachliopta aristolochiae asteris*	Common rose	Vulnerable	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not assessed; CITES protected (Appendix II)	High	Priority 1	Low	Low	Less Likely	Minor	Negligible	Very Low	Unlikely	Negligible
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Bird	*Treron curvirostra*	Thick-billed green pigeon	Endangered	Least Concern	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Bird	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Vulnerable	Least Concern	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	High	High	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Possible	**Moderate**	Negligible	Imperceptible	Unlikely	Negligible
		Bat	*Tylonycteris* sp.	Bamboo bat	Vulnerable	Least Concern	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Injury or mortality	Butterfly	*Telicota colon stinga*	Common palm dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Pachliopta aristolochiae asteris*	Common rose	Vulnerable	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not assessed; CITES protected (Appendix II)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Treron curvirostra*	Thick-billed green pigeon	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (Residual)			
Phase	Impact type	Taxon	Scientific Name	Common Name	National status	Global status	Ecological value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	High	High	Possible	**Moderate**	High	High	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	High	High	Possible	**Moderate**	High	High	Unlikely	Negligible
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Possible	**Moderate**	High	Medium	Unlikely	Negligible
		Bat	*Tylonycteris* sp.	Bamboo bat	Vulnerable	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
	Loss of ecological connectivity for faunal movement	Butterfly	*Telicota colon stinga*	Common palm dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Pachliopta aristolochiae asteris*	Common rose	Vulnerable	Not Assessed	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not assessed; CITES protected (Appendix II)	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Treron curvirostra*	Thick-billed green pigeon	Endangered	Least Concern	High	Priority 1	High	High	Likely	**Major**	High	High	Unlikely	Negligible
		Bird	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	High	Priority 1	High	High	Likely	**Major**	High	High	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	High	High	Likely	**Major**	High	High	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	Medium	Medium	Likely	**Moderate**	Medium	Medium	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Likely	**Moderate**	High	Medium	Unlikely	Negligible
		Bat	*Tylonycteris* sp.	Bamboo bat	Vulnerable	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Operational	Collisions with buildings (birds only)	Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Treron curvirostra*	Thick-billed green pigeon	Endangered	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Bird	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Less Likely	Minor
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor

									Pre-mitigated				Post-mitigated (Residual)			
Phase	Impact type	Taxon	Scientific Name	Common Name	National status	Global status	Ecological value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Endangered	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
	Loss of ecological connectivity for faunal movement	Butterfly	*Telicota colon stinga*	Common palm dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Negligible	Very Low	Less Likely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Pachliopta aristolochiae asteris*	Common rose	Vulnerable	Not Assessed	High	Priority 1	Negligible	Very Low	Less Likely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not assessed; CITES protected (Appendix II)	High	Priority 1	Negligible	Very Low	Less Likely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Treron curvirostra*	Thick-billed green pigeon	Endangered	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Bird	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	Negligible	Very Low	Less Likely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Less Likely	Minor	High	Medium	Unlikely	Negligible
		Bat	*Tylonycteris* sp.	Bamboo bat	Vulnerable	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
	Injury or mortality	Butterfly	*Telicota colon stinga*	Common palm dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Pachliopta aristolochiae asteris*	Common rose	Vulnerable	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not assessed; CITES protected (Appendix II)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Treron curvirostra*	Thick-billed green pigeon	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Cacomantis sepulcralis*	Rusty-breasted cuckoo	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (Residual)			
Phase	Impact type	Taxon	Scientific Name	Common Name	National status	Global status	Ecological value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Less Likely	Minor	High	Medium	Unlikely	Negligible
		Bat	*Tylonycteris* sp.	Bamboo bat	Vulnerable	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible

Appendix R2

Impact Assessment for Habitats, Plant and Faunal Species at Forested Area adjacent to Fairways Quarters

					Pre-mitigated				Post-mitigated (Residual)			
Phase	**Impact type**	**Habitat**	**Ecological Value**	**Sensitivity**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**
Construction	Loss of vegetation	Native-dominated Secondary Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Abandoned-land Forest	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Certain	Negligible
		Mixed Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Certain	**Moderate**
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Certain	**Moderate**
		D/S15 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		D/S16 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
	Habitat degradation	Native-dominated Secondary Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Abandoned-land Forest	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
		Mixed Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Less Likely	Negligible
		D/S15 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Less Likely	Minor
		D/S16 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
	Change in species composition	Native-dominated Secondary Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Possible	**Moderate**
		Abandoned-land Forest	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Mixed Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Possible	**Moderate**
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Unlikely	Negligible
		D/S15 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Unlikely	Negligible
		D/S16 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
Operational	Habitat degradation	Native-dominated Secondary Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Abandoned-land Forest	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Mixed Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		D/S15 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		D/S16 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
	Change in species composition	Native-dominated Secondary Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Abandoned-land Forest	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Mixed Forest	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Possible	Negligible
		Managed Vegetation	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		D/S15 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		D/S16 Stream	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
Construction	Mortality	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Acacia mangium	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Certain	**Moderate**
		Actinodaphne macrophylla	Lauraceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Agelaea borneensis	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Alstonia angustiloba	Apocynaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Certain	**Major**
		Alstonia scholaris	Apocynaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Certain	**Moderate**
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Andira inermis	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Angiopteris evecta	Marattiaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aphanamixis polystachya	Meliaceae	Native	Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aporosa nigricans	Phyllanthaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Archidendron jiringa	Fabaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aristolochia acuminata	Aristolochiaceae	Exotic	Cultivated Only	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Artocarpus heterophyllus	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Artocarpus integer	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Aspidopterys concava	Malpighiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Averrhoa bilimbi	Oxalidaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Baccaurea pyriformis	Phyllanthaceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bridelia stipularis	Phyllanthaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Bridelia tomentosa	Phyllanthaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Bulbophyllum vaginatum	Orchidaceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Calophyllum inophyllum	Calophyllaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Calophyllum rubiginosum	Calophyllaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Calophyllum tetrapterum	Calophyllaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Campnosperma auriculatum	Anacardiaceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cecropia pachystachya	Urticaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		cf. Asplenium nitidum	Aspleniaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		cf. Dibridsonia conferta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cinnamomum iners	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Claoxylon indicum	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cyclosorus polycarpus	Thelypteridaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Dacryodes cf. rostrata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Durio zibethinus	Malvaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Elaeis guineensis	Arecaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Endospermum sp.	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Erythrophleum suaveolens	Fabaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Falcataria moluccana	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Ficus aurata var. aurata	Moraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus barteri	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus globosa	Moraceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus kerkhovenii	Moraceae	Native	Critically Endangered	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus lyrata	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus religiosa	Moraceae	Exotic	Naturalised	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Gymnacranthera farquhariana var. farquhariana	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Khaya senegalensis	Meliaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Litsea elliptica	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Litsea firma	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Macaranga conifera	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Macaranga gigantea	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Macaranga griffithiana	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Mangifera indica	Anacardiaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Moringa oleifera	Rubiaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Nephelium lappaceum	Sapindaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Nephrolepis cf. *acutifolia*	Oleandraceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Pellacalyx axillaris	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Peltophorum pterocarpum	Fabaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Phlegmariurus carinatus	Lycopodiaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Piper pedicellosum	Piperaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Planchonella obovata	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Psychotria sarmentosa	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Samanea saman	Fabaceae	Exotic	Casual	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Spathodea campanulata	Bignoniaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Sterculia parviflora	Malvaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Symplocos fasciculata	Symplocaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Syzygium cf. *fastigiatum*	Myrtaceae	Not assessed	-	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Syzygium cf. *pustulatum*	Myrtaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Syzygium grande	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Syzygium lineatum	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Syzygium polyanthum	Myrtaceae	Native	Vulnerable	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Terminalia catappa	Combretaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Thyrsostachys siamensis	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Timonius wallichianus	Rubiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Vitex pinnata	Lamiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Certain	Minor
		Xanthophyllum ellipticum	Polygalaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Xanthophyllum eurhynchum	Polygalaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Impediment to seedling recruitment	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Possible	Negligible
		Acacia mangium	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Possible	Negligible
		Actinodaphne macrophylla	Lauraceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Agelaea borneensis	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Alstonia angustiloba	Apocynaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Possible	Negligible
		Alstonia scholaris	Apocynaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Possible	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Andira inermis	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Possible	Minor
		Angiopteris evecta	Marattiaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Aphanamixis polystachya	Meliaceae	Native	Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Aporosa nigricans	Phyllanthaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Archidendron jiringa	Fabaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Aristolochia acuminata	Aristolochiaceae	Exotic	Cultivated Only	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Artocarpus heterophyllus	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Artocarpus integer	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Aspidopterys concava	Malpighiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Averrhoa bilimbi	Oxalidaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Possible	Minor
		Baccaurea pyriformis	Phyllanthaceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Certain	**Moderate**
		Bridelia stipularis	Phyllanthaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Bridelia tomentosa	Phyllanthaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Bulbophyllum vaginatum	Orchidaceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Calophyllum inophyllum	Calophyllaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Calophyllum rubiginosum	Calophyllaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Calophyllum tetrapterum	Calophyllaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Campnosperma auriculatum	Anacardiaceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Cecropia pachystachya	Urticaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Possible	Negligible
		cf. Asplenium nitidum	Aspleniaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		cf. Dibridsonia conferta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Possible	**Moderate**
		Cinnamomum iners	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Claoxylon indicum	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Cyclosorus polycarpus	Thelypteridaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Possible	**Moderate**
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Dacryodes cf. *rostrata*	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Durio zibethinus	Malvaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Elaeis guineensis	Arecaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Endospermum sp.	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Possible	**Moderate**
		Erythrophleum suaveolens	Fabaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Falcataria moluccana	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Ficus aurata var. aurata	Moraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus barteri	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Possible	**Moderate**
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus globosa	Moraceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus kerkhovenii	Moraceae	Native	Critically Endangered	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus lyrata	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Ficus religiosa	Moraceae	Exotic	Naturalised	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Possible	**Moderate**

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Gymnacranthera farquhariana var. farquhariana	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Khaya senegalensis	Meliaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Possible	Minor
		Litsea elliptica	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Possible	**Moderate**
		Litsea firma	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Macaranga conifera	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Possible	Minor
		Macaranga gigantea	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Macaranga griffithiana	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Mangifera indica	Anacardiaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Moringa oleifera	Rubiaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Possible	Minor
		Nephelium lappaceum	Sapindaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Possible	Negligible
		Nephrolepis cf. *acutifolia*	Oleandraceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Pellacalyx axillaris	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Peltophorum pterocarpum	Fabaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Possible	Minor
		Phlegmariurus carinatus	Lycopodiaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Piper pedicellosum	Piperaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Planchonella obovata	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Psychotria sarmentosa	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Samanea saman	Fabaceae	Exotic	Casual	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Spathodea campanulata	Bignoniaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Sterculia parviflora	Malvaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Possible	**Moderate**
		Strophanthus caudatus	Apocynaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Symplocos fasciculata	Symplocaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Syzygium cf. *fastigiatum*	Myrtaceae	Not assessed	-	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Syzygium cf. *pustulatum*	Myrtaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Syzygium grande	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Syzygium lineatum	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Syzygium polyanthum	Myrtaceae	Native	Vulnerable	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Terminalia catappa	Combretaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Possible	Minor
		Thyrsostachys siamensis	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Certain	**Major**
		Timonius wallichianus	Rubiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Possible	**Moderate**
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Vitex pinnata	Lamiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Xanthophyllum ellipticum	Polygalaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
		Xanthophyllum eurhynchum	Polygalaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Possible	Minor
	Competition from exotic species	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Acacia mangium	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Actinodaphne macrophylla	Lauraceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Agelaea borneensis	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Alstonia angustiloba	Apocynaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Alstonia scholaris	Apocynaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Andira inermis	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Less Likely	Negligible
		Angiopteris evecta	Marattiaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Aphanamixis polystachya	Meliaceae	Native	Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Aporosa nigricans	Phyllanthaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Archidendron jiringa	Fabaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Aristolochia acuminata	Aristolochiaceae	Exotic	Cultivated Only	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Artocarpus heterophyllus	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Artocarpus integer	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Aspidopterys concava	Malpighiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Averrhoa bilimbi	Oxalidaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Less Likely	Minor
		Baccaurea pyriformis	Phyllanthaceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Bridelia stipularis	Phyllanthaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Bridelia tomentosa	Phyllanthaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Bulbophyllum vaginatum	Orchidaceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Calophyllum inophyllum	Calophyllaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Calophyllum rubiginosum	Calophyllaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Calophyllum tetrapterum	Calophyllaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Campnosperma auriculatum	Anacardiaceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Cecropia pachystachya	Urticaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		cf. *Asplenium nitidum*	Aspleniaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		cf. *Dibridsonia conferta*	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Less Likely	Minor
		Cinnamomum iners	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Claoxylon indicum	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Cyclosorus polycarpus	Thelypteridaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Dacryodes cf. *rostrata*	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Durio zibethinus	Malvaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Elaeis guineensis	Arecaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Endospermum sp.	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Erythrophleum suaveolens	Fabaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Falcataria moluccana	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Ficus aurata var. aurata	Moraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus barteri	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus globosa	Moraceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus kerkhovenii	Moraceae	Native	Critically Endangered	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus lyrata	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus religiosa	Moraceae	Exotic	Naturalised	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Less Likely	Minor
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Gymnacranthera farquhariana var. farquhariana	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Khaya senegalensis	Meliaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Less Likely	Minor

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Litsea elliptica	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
		Litsea firma	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Macaranga conifera	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Less Likely	Minor
		Macaranga gigantea	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Macaranga griffithiana	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Mangifera indica	Anacardiaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Moringa oleifera	Rubiaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Less Likely	Minor
		Nephelium lappaceum	Sapindaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Nephrolepis cf. acutifolia	Oleandraceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Pellacalyx axillaris	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Peltophorum pterocarpum	Fabaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Less Likely	Minor
		Phlegmariurus carinatus	Lycopodiaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Piper pedicellosum	Piperaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Planchonella obovata	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Psychotria sarmentosa	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Samanea saman	Fabaceae	Exotic	Casual	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Spathodea campanulata	Bignoniaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Sterculia parviflora	Malvaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Strophanthus caudatus	Apocynaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Symplocos fasciculata	Symplocaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Syzygium cf. fastigiatum	Myrtaceae	Not assessed	-	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Syzygium cf. pustulatum	Myrtaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Syzygium grande	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Syzygium lineatum	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Syzygium polyanthum	Myrtaceae	Native	Vulnerable	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Terminalia catappa	Combretaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Less Likely	Minor
		Thyrsostachys siamensis	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Less Likely	Minor
		Timonius wallichianus	Rubiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Vitex pinnata	Lamiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Xanthophyllum ellipticum	Polygalaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Xanthophyllum eurhynchum	Polygalaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
	Decline in plant health and survival	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Acacia mangium	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Actinodaphne macrophylla	Lauraceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Agelaea borneensis	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Alstonia angustiloba	Apocynaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Alstonia scholaris	Apocynaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Andira inermis	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Less Likely	Negligible
		Angiopteris evecta	Marattiaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Aphanamixis polystachya	Meliaceae	Native	Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Aporosa nigricans	Phyllanthaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Archidendron jiringa	Fabaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Aristolochia acuminata	Aristolochiaceae	Exotic	Cultivated Only	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Artocarpus heterophyllus	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Artocarpus integer	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Aspidopterys concava	Malpighiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Averrhoa bilimbi	Oxalidaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Less Likely	Minor
		Baccaurea pyriformis	Phyllanthaceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Bridelia stipularis	Phyllanthaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Bridelia tomentosa	Phyllanthaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Bulbophyllum vaginatum	Orchidaceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Calophyllum inophyllum	Calophyllaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Calophyllum rubiginosum	Calophyllaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Calophyllum tetrapterum	Calophyllaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Campnosperma auriculatum	Anacardiaceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Cecropia pachystachya	Urticaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		cf. Asplenium nitidum	Aspleniaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		cf. Dibridsonia conferta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Less Likely	Minor
		Cinnamomum iners	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Claoxylon indicum	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Cyclosorus polycarpus	Thelypteridaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Dacryodes cf. rostrata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Durio zibethinus	Malvaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Elaeis guineensis	Arecaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Endospermum sp.	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Erythrophleum suaveolens	Fabaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Falcataria moluccana	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Ficus aurata var. aurata	Moraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus barteri	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus globosa	Moraceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus kerkhovenii	Moraceae	Native	Critically Endangered	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus lyrata	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Ficus religiosa	Moraceae	Exotic	Naturalised	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Less Likely	Minor
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Gymnacranthera farquhariana var. farquhariana	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Khaya senegalensis	Meliaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Less Likely	Minor
		Litsea elliptica	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
		Litsea firma	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Macaranga conifera	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Less Likely	Minor
		Macaranga gigantea	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Macaranga griffithiana	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Mangifera indica	Anacardiaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Moringa oleifera	Rubiaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	High	Low	Less Likely	Minor
		Nephelium lappaceum	Sapindaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Less Likely	Negligible
		Nephrolepis cf. acutifolia	Oleandraceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Pellacalyx axillaris	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Peltophorum pterocarpum	Fabaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Less Likely	Minor
		Phlegmariurus carinatus	Lycopodiaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Piper pedicellosum	Piperaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Planchonella obovata	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Psychotria sarmentosa	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Less Likely	Minor
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Samanea saman	Fabaceae	Exotic	Casual	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Spathodea campanulata	Bignoniaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Sterculia parviflora	Malvaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Less Likely	Minor
		Strophanthus caudatus	Apocynaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Symplocos fasciculata	Symplocaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Syzygium cf. fastigiatum	Myrtaceae	Not assessed	-	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Syzygium cf. pustulatum	Myrtaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Syzygium grande	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Syzygium lineatum	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Syzygium polyanthum	Myrtaceae	Native	Vulnerable	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Terminalia catappa	Combretaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Medium	Low	Less Likely	Minor
		Thyrsostachys siamensis	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Less Likely	Minor
		Timonius wallichianus	Rubiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Less Likely	Minor
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Vitex pinnata	Lamiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Less Likely	Negligible
		Xanthophyllum ellipticum	Polygalaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
		Xanthophyllum eurhynchum	Polygalaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Less Likely	Negligible
Operational	Mortality	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Acacia mangium	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Actinodaphne macrophylla	Lauraceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Agelaea borneensis	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Alstonia angustiloba	Apocynaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Alstonia scholaris	Apocynaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Andira inermis	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Angiopteris evecta	Marattiaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Aphanamixis polystachya	Meliaceae	Native	Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Aporosa nigricans	Phyllanthaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Archidendron jiringa	Fabaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Aristolochia acuminata	Aristolochiaceae	Exotic	Cultivated Only	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Artocarpus heterophyllus	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Artocarpus integer	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Aspidopterys concava	Malpighiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Averrhoa bilimbi	Oxalidaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Baccaurea pyriformis	Phyllanthaceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Bridelia stipularis	Phyllanthaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Bridelia tomentosa	Phyllanthaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Bulbophyllum vaginatum	Orchidaceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Less Likely	Minor
		Calophyllum inophyllum	Calophyllaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Calophyllum rubiginosum	Calophyllaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Calophyllum tetrapterum	Calophyllaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Campnosperma auriculatum	Anacardiaceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Cecropia pachystachya	Urticaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		cf. Asplenium nitidum	Aspleniaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		cf. Dibridsonia conferta	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Cinnamomum iners	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Claoxylon indicum	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Cyclosorus polycarpus	Thelypteridaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Dacryodes cf. rostrata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Durio zibethinus	Malvaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Elaeis guineensis	Arecaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Endospermum sp.	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Erythrophleum suaveolens	Fabaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Falcataria moluccana	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Ficus aurata var. aurata	Moraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus barteri	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus globosa	Moraceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus kerkhovenii	Moraceae	Native	Critically Endangered	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus lyrata	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus religiosa	Moraceae	Exotic	Naturalised	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Gymnacranthera farquhariana var. farquhariana	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Khaya senegalensis	Meliaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Litsea elliptica	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Litsea firma	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Macaranga conifera	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Macaranga gigantea	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Macaranga griffithiana	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Mangifera indica	Anacardiaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Moringa oleifera	Rubiaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Nephelium lappaceum	Sapindaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Nephrolepis cf. acutifolia	Oleandraceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Pellacalyx axillaris	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Peltophorum pterocarpum	Fabaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Phlegmariurus carinatus	Lycopodiaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Piper pedicellosum	Piperaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Planchonella obovata	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Psychotria sarmentosa	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Samanea saman	Fabaceae	Exotic	Casual	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Spathodea campanulata	Bignoniaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Sterculia parviflora	Malvaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Strophanthus caudatus	Apocynaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Symplocos fasciculata	Symplocaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Syzygium cf. fastigiatum	Myrtaceae	Not assessed	-	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Syzygium cf. pustulatum	Myrtaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Syzygium grande	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Syzygium lineatum	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Syzygium polyanthum	Myrtaceae	Native	Vulnerable	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Terminalia catappa	Combretaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Thyrsostachys siamensis	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Timonius wallichianus	Rubiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Vitex pinnata	Lamiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Possible	Minor
		Xanthophyllum ellipticum	Polygalaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
		Xanthophyllum eurhynchum	Polygalaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Possible	Minor
	Competition from exotic species	*Acacia auriculiformis*	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Acacia mangium	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Actinodaphne macrophylla	Lauraceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Agelaea borneensis	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Alstonia angustiloba	Apocynaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Alstonia scholaris	Apocynaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Andira inermis	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Unlikely	Negligible
		Angiopteris evecta	Marattiaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Aphanamixis polystachya	Meliaceae	Native	Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Aporosa lucida var. lucida	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Aporosa nigricans	Phyllanthaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Archidendron jiringa	Fabaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Aristolochia acuminata	Aristolochiaceae	Exotic	Cultivated Only	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Artocarpus heterophyllus	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Unlikely	Negligible
		Artocarpus integer	Moraceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Unlikely	Negligible
		Aspidopterys concava	Malpighiaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Averrhoa bilimbi	Oxalidaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Unlikely	Negligible
		Baccaurea pyriformis	Phyllanthaceae	Native	Presumed Extinct	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Unlikely	Negligible
		Bridelia stipularis	Phyllanthaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Bridelia tomentosa	Phyllanthaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Bulbophyllum vaginatum	Orchidaceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Calophyllum inophyllum	Calophyllaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Calophyllum rubiginosum	Calophyllaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Calophyllum tetrapterum	Calophyllaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Campnosperma auriculatum	Anacardiaceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Carallia brachiata	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Cecropia pachystachya	Urticaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		cf. *Asplenium nitidum*	Aspleniaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		cf. *Dibridsonia conferta*	Rubiaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Cinnamomum iners	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Claoxylon indicum	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Cyclosorus polycarpus	Thelypteridaceae	Native	Vulnerable	Herb	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Dacryodes cf. *rostrata*	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Durio zibethinus	Malvaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Unlikely	Negligible
		Elaeis guineensis	Arecaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Unlikely	Negligible
		Endospermum sp.	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Erythrophleum suaveolens	Fabaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Unlikely	Negligible
		Falcataria moluccana	Fabaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Ficus aurata var. aurata	Moraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus barteri	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Unlikely	Negligible
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus glandulifera	Moraceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus globosa	Moraceae	Native	Endangered	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus grossularioides var. grossularioides	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus hispida	Moraceae	Exotic	Naturalised	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus kerkhovenii	Moraceae	Native	Critically Endangered	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus lyrata	Moraceae	Exotic	Cultivated Only	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Unlikely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Ficus religiosa	Moraceae	Exotic	Naturalised	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Guioa pleuropteris	Sapindaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Gymnacranthera farquhariana var. farquhariana	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Khaya senegalensis	Meliaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Unlikely	Negligible
		Litsea elliptica	Lauraceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Litsea firma	Lauraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Lygodium longifolium	Schizaeaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Macaranga conifera	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Macaranga gigantea	Euphorbiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Macaranga griffithiana	Euphorbiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Macaranga hullettii	Euphorbiaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Mangifera indica	Anacardiaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Unlikely	Negligible
		Moringa oleifera	Rubiaceae	Exotic	Cultivated Only	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Medium	Very Low	Unlikely	Negligible
		Nephelium lappaceum	Sapindaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Nephrolepis cf. *acutifolia*	Oleandraceae	Native	Endangered	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Pellacalyx axillaris	Rhizophoraceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Peltophorum pterocarpum	Fabaceae	Native	Critically Endangered	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Phlegmariurus carinatus	Lycopodiaceae	Native	Presumed Extinct	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Piper pedicellosum	Piperaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Planchonella obovata	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Psychotria sarmentosa	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Pternandra caerulescens	Melastomataceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Unlikely	Negligible
		Samanea saman	Fabaceae	Exotic	Casual	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Low	Very Low	Unlikely	Negligible
		Spathodea campanulata	Bignoniaceae	Exotic	Naturalised	Tree	Low	Priority 3	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Sterculia parviflora	Malvaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Symplocos fasciculata	Symplocaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Syzygium cf. *fastigiatum*	Myrtaceae	Not assessed	-	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Syzygium cf. *pustulatum*	Myrtaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Syzygium grande	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Syzygium lineatum	Myrtaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Syzygium polyanthum	Myrtaceae	Native	Vulnerable	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Terminalia catappa	Combretaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Thyrsostachys siamensis	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Unlikely	Negligible
		Timonius wallichianus	Rubiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Uncaria longiflora var. pteropoda	Rubiaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Vitex pinnata	Lamiaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Unlikely	Negligible
		Xanthophyllum ellipticum	Polygalaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible
		Xanthophyllum eurhynchum	Polygalaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	High	High	Unlikely	Negligible

										Pre-mitigated				Post-mitigated (Residual)			
Phase	Impact type	Taxon	Scientific name	Common name	National status	Global status	Location of records	Ecological value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
Construction	Loss of/reduction in habitats and food sources	Butterfly	*Borbo cinnara*	Formosan swift	Endangered	Not Assessed	Site II	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Medium	Medium	Less Likely	Minor
		Butterfly	*Arhopala amphimuta amphimuta*	NA	Nationally Extinct (Rediscovered)	Not Assessed	Site I	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	Site I, III (indirect)	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Unlikely	Negligible
		Bird	*Accipiter trivirgatus*	Crested goshawk	Critically Endangered	Least Concern	Site I, II	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	Site I, II, III	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	Site I, II, III	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	Site I, II	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	Site I, II, III	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	Site I, II	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Strix seloputo*	Spotted wood owl	Critically Endangered	Least Concern	Site II (proximity)	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	Site I, II, III	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Site I, II	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Site I	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Bat	*Tylonycteris sp.*	Bamboo bat	Vulnerable	Least Concern	Site I	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Low	Low	Unlikely	Negligible
	Injury or mortality	Butterfly	*Borbo cinnara*	Formosan swift	Endangered	Not Assessed	Site II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Arhopala amphimuta amphimuta*	NA	Nationally Extinct (Rediscovered)	Not Assessed	Site I	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	Site I, III (indirect)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Accipiter trivirgatus*	Crested goshawk	Critically Endangered	Least Concern	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	Site I, II, III	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Less Likely	Minor
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	Site I, II	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Less Likely	Minor
		Bird	*Strix seloputo*	Spotted wood owl	Critically Endangered	Least Concern	Site II (proximity)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	Site I, II, III	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Site I, II	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Site I	Medium	Priority 2	High	Medium	Possible	**Moderate**	High	Medium	Less Likely	Minor
		Bat	*Tylonycteris sp.*	Bamboo bat	Vulnerable	Least Concern	Site I	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
	Loss of ecological connectivity for faunal movement	Butterfly	*Borbo cinnara*	Formosan swift	Endangered	Not Assessed	Site II	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Arhopala amphimuta amphimuta*	NA	Nationally Extinct (Rediscovered)	Not Assessed	Site I	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	Site I, III (indirect)	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Accipiter trivirgatus*	Crested goshawk	Critically Endangered	Least Concern	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	Site I, II, III	High	Priority 1	High	High	Likely	**Major**	High	High	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	Site I, II	High	Priority 1	High	High	Likely	**Major**	High	High	Unlikely	Negligible
		Bird	*Strix seloputo*	Spotted wood owl	Critically Endangered	Least Concern	Site II (proximity)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible

										Pre-mitigated				Post-mitigated (Residual)			
Phase	**Impact type**	**Taxon**	**Scientific name**	**Common name**	**National status**	**Global status**	**Location of records**	**Ecological value**	**Sensitivity**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	Site I, II, III	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Site I, II	High	Priority 1	Medium	Medium	Likely	**Moderate**	Medium	Medium	Less Likely	Minor
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Site I	Medium	Priority 2	High	Medium	Likely	**Moderate**	High	Medium	Unlikely	Negligible
		Bat	*Tylonycteris sp.*	Bamboo bat	Vulnerable	Least Concern	Site I	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Operational	Collisions with buildings (birds only)	Bird	*Accipiter trivirgatus*	Crested goshawk	Critically Endangered	Least Concern	Site I, II	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	Site I, II, III	High	Priority 1	HIgh	High	Less Likely	Minor	HIgh	High	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	Site I, II	High	Priority 1	HIgh	High	Less Likely	Minor	HIgh	High	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	Site I, II, III	High	Priority 1	HIgh	High	Less Likely	Minor	HIgh	High	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Strix seloputo*	Spotted wood owl	Critically Endangered	Least Concern	Site II (proximity)	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
	Injury or mortality	Butterfly	*Borbo cinnara*	Formosan swift	Endangered	Not Assessed	Site II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Arhopala amphimuta amphimuta*	NA	Nationally Extinct (Rediscovered)	Not Assessed	Site I	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	Site I, III (indirect)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Accipiter trivirgatus*	Crested goshawk	Critically Endangered	Least Concern	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	Site I, II, III	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	Site I, II	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Bird	*Strix seloputo*	Spotted wood owl	Critically Endangered	Least Concern	Site II (proximity)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	Site I, II, III	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Site I, II	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Site I	Medium	Priority 2	High	Medium	Less Likely	Minor	High	Medium	Unlikely	Negligible
		Bat	*Tylonycteris sp.*	Bamboo bat	Vulnerable	Least Concern	Site I	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
	Loss of ecological connectivity for faunal movement	Butterfly	*Borbo cinnara*	Formosan swift	Endangered	Not Assessed	Site II	High	Priority 1	Negligible	Very Low	Less Likely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Arhopala amphimuta amphimuta*	NA	Nationally Extinct (Rediscovered)	Not Assessed	Site I	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	Site I, III (indirect)	High	Priority 1	Negligible	Very Low	Less Likely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bird	*Accipiter trivirgatus*	Crested goshawk	Critically Endangered	Least Concern	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	Site I, II, III	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	Site I, II	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Bird	*Pycnonotus zeylanicus*	Straw-headed bulbul	Endangered	Critically Endangered	Site I, II, III	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	Site I, II	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Bird	*Strix seloputo*	Spotted wood owl	Critically Endangered	Least Concern	Site II (proximity)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	Site I, II, III	High	Priority 1	Negligible	Very Low	Less Likely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	Site I, II	High	Priority 1	Medium	Medium	Less Likely	Minor	Medium	Medium	Unlikely	Negligible
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Site I	Medium	Priority 2	High	Medium	Less Likely	Minor	High	Medium	Unlikely	Negligible
		Bat	*Tylonycteris sp.*	Bamboo bat	Vulnerable	Least Concern	Site I	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible

Appendix R3

Impact Assessment for Habitats, Plant and Faunal Species in Windsor

					Pre-mitigated				Post-mitigated (Residual)			
Phase	**Impact type**	**Habitat**	**Ecological Value**	**Sensitivity**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**
Construction	Loss of vegetation	Native-dominated Secondary Forest	High	Priority 1	High	High	Certain	**Major**	Low	Low	Certain	**Moderate**
		Abandoned-land Forest	Medium	Priority 2	High	Medium	Certain	**Major**	Low	Very Low	Certain	Minor
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	High	Medium	Certain	**Major**	Low	Very Low	Certain	Minor
		Managed Vegetation	Medium	Priority 2	High	Medium	Certain	**Major**	Low	Very Low	Certain	Minor
		Windsor Nature Park	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		D/S13 Stream	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Habitat degradation	Native-dominated Secondary Forest	High	Priority 1	NA	NA	NA	NA	NA	NA	NA	NA
		Abandoned-land Forest	Medium	Priority 2	Medium	Low	Possible	Minor	Medium	Low	Less Likely	Minor
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Medium	Low	Possible	Minor	Medium	Low	Less Likely	Minor
		Managed Vegetation	Medium	Priority 2	Medium	Low	Possible	Minor	Low	Very Low	Possible	Minor
		Windsor Nature Park	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		D/S13 Stream	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
	Change in species composition	Native-dominated Secondary Forest	High	Priority 1	NA	NA	NA	NA	NA	NA	NA	NA
		Abandoned-land Forest	Medium	Priority 2	Medium	Low	Likely	**Moderate**	Low	Very Low	Possible	Minor
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Medium	Low	Likely	**Moderate**	Low	Very Low	Possible	Minor
		Managed Vegetation	Medium	Priority 2	Low	Very Low	Likely	Minor	Low	Very Low	Possible	Minor
		Windsor Nature Park	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		D/S13 Stream	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
Operational	Habitat degradation	Native-dominated Secondary Forest	High	Priority 1	NA	NA	NA	NA	NA	NA	NA	NA
		Abandoned-land Forest	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Low	Very Low	Less Likely	Negligible
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Low	Very Low	Less Likely	Negligible
		Managed Vegetation	Medium	Priority 2	Low	Very Low	Less Likely	Negligible	Low	Very Low	Less Likely	Negligible
		Windsor Nature Park	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		D/S13 Stream	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
	Change in species composition	Native-dominated Secondary Forest	High	Priority 1	NA	NA	NA	NA	NA	NA	NA	NA
		Abandoned-land Forest	Medium	Priority 2	Medium	Low	Likely	**Moderate**	Medium	Low	Less Likely	Minor
		Scrubland and Herbaceous Vegetation	Medium	Priority 2	Medium	Low	Likely	**Moderate**	Medium	Low	Less Likely	Minor
		Managed Vegetation	Medium	Priority 2	Low	Very Low	Likely	Minor	Low	Very Low	Less Likely	Negligible
		Windsor Nature Park	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		D/S13 Stream	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
Construction	Mortality	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Certain	**Moderate**	Low	Low	Certain	**Moderate**
		Aidia densiflora	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Certain	**Major**	Low	Low	Certain	**Moderate**
		Aporosa cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Low	Low	Certain	**Moderate**	Low	Low	Certain	**Moderate**
		Bambusa heterostachya	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bambusa multiplex	Poaceae	Exotic	Cultivated Only	Shrub	High	Priority 1	High	High	Certain	**Major**	High	High	Certain	**Major**
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Low	Low	Certain	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Certain	**Moderate**	Low	Low	Certain	**Moderate**
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	High	Medium	Certain	**Major**
		Elaeocarpus nitidus	Elaeocarpaceae	Native	Vulnerable	Tree	High	Priority 1	High	High	Certain	**Major**	Negligible	Very Low	Unlikely	Negligible
		Elaeocarpus rugosus	Elaeocarpaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Enkleia malaccensis	Thymelaeaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Erythropalum scandens	Olacaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	High	High	Certain	**Major**	Medium	Medium	Certain	**Major**
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	High	High	Certain	**Major**	Negligible	Very Low	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Medium	Medium	Certain	**Major**	Low	Low	Certain	**Moderate**
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Low	Low	Certain	**Moderate**	Low	Low	Certain	**Moderate**
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	High	High	Certain	**Major**	Medium	Medium	Certain	**Major**
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Low	Low	Certain	**Moderate**	Low	Low	Certain	**Moderate**
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Certain	**Major**	Medium	Medium	Certain	**Major**
		Gymnacranthera cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Horsfieldia polyspherula	Myristicaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Certain	**Moderate**	Low	Low	Certain	**Moderate**
		Knema malayana	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Low	Low	Certain	**Moderate**	Low	Low	Certain	**Moderate**
		Oxyceros longiflorus	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	High	High	Certain	**Major**	High	High	Certain	**Major**
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Low	Very Low	Certain	Minor	Negligible	Imperceptible	Unlikely	Negligible
		Radermachera quadripinnata ssp. lobbii	Bignoniaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Rinorea anguifera	Violaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Rourea fulgens	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Salacia cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Salacia cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Certain	**Moderate**	Low	Low	Certain	**Moderate**
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Certain	**Major**	Negligible	Very Low	Unlikely	Negligible
		Tetracera macrophylla	Dilleniaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Impediment to seedling recruitment	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Aidia densiflora	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Aporosa cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Bambusa heterostachya	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Certain	Minor	Negligible	Very Low	Certain	Minor
		Bambusa multiplex	Poaceae	Exotic	Cultivated Only	Shrub	High	Priority 1	Negligible	Very Low	Certain	Minor	Negligible	Very Low	Certain	Minor
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Certain	Minor	Low	Low	Certain	**Moderate**
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	High	Medium	Possible	**Moderate**	Negligible	Imperceptible	Possible	Negligible
		Elaeocarpus nitidus	Elaeocarpaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Elaeocarpus rugosus	Elaeocarpaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Enkleia malaccensis	Thymelaeaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Erythropalum scandens	Olacaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Low	Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Gymnacranthera cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Horsfieldia polyspherula	Myristicaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Knema malayana	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Oxyceros longiflorus	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Medium	Very Low	Possible	Minor	Low	Very Low	Possible	Minor
		Radermachera quadripinnata ssp. lobbii	Bignoniaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Rinorea anguifera	Violaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Rourea fulgens	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Salacia cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Salacia cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Possible	Minor	Negligible	Very Low	Possible	Minor
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Possible	Minor
		Tetracera macrophylla	Dilleniaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Possible	Minor	Negligible	Very Low	Possible	Minor
	Competition from exotic species	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Aidia densiflora	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Aporosa cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Bambusa heterostachya	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Bambusa multiplex	Poaceae	Exotic	Cultivated Only	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Low	Low	Likely	**Moderate**
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	High	Medium	Likely	**Moderate**	Negligible	Imperceptible	Likely	Negligible
		Elaeocarpus nitidus	Elaeocarpaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Elaeocarpus rugosus	Elaeocarpaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Enkleia malaccensis	Thymelaeaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Erythropalum scandens	Olacaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Gymnacranthera cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Horsfieldia polyspherula	Myristicaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Knema malayana	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Oxyceros longiflorus	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Medium	Very Low	Likely	Minor	Low	Very Low	Likely	Minor
		Radermachera quadripinnata ssp. lobbii	Bignoniaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Rinorea anguifera	Violaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Rourea fulgens	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Salacia cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Salacia cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Tetracera macrophylla	Dilleniaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
	Decline in plant health and survival	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Aidia densiflora	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Aporosa cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Bambusa heterostachya	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Bambusa multiplex	Poaceae	Exotic	Cultivated Only	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Low	Low	Likely	**Moderate**
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	High	Medium	Likely	**Moderate**	Negligible	Imperceptible	Likely	Negligible
		Elaeocarpus nitidus	Elaeocarpaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Elaeocarpus rugosus	Elaeocarpaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Enkleia malaccensis	Thymelaeaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Erythropalum scandens	Olacaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Gymnacranthera cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Horsfieldia polyspherula	Myristicaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Knema malayana	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Oxyceros longiflorus	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Medium	Very Low	Likely	Minor	Low	Very Low	Likely	Minor
		Radermachera quadripinnata ssp. lobbii	Bignoniaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Rinorea anguifera	Violaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Rourea fulgens	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Salacia cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Salacia cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Low	Low	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Likely	**Moderate**	Negligible	Very Low	Likely	Minor
		Tetracera macrophylla	Dilleniaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Likely	Minor	Negligible	Very Low	Likely	Minor
Operational	Mortality	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aidia densiflora	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Aporosa cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bambusa heterostachya	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bambusa multiplex	Poaceae	Exotic	Cultivated Only	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Negligible	Imperceptible	Unlikely	Negligible	Negligible	Imperceptible	Unlikely	Negligible
		Elaeocarpus nitidus	Elaeocarpaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Elaeocarpus rugosus	Elaeocarpaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Enkleia malaccensis	Thymelaeaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Erythropalum scandens	Olacaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Gymnacranthera cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Horsfieldia polyspherula	Myristicaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (residual)			
Phase	Impact type	Species	Family	Origin	Status	Habit	Ecological Value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Knema malayana	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Oxyceros longiflorus	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Radermachera quadripinnata ssp. lobbii	Bignoniaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Rinorea anguifera	Violaceae	Native	Critically Endangered	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Rourea fulgens	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Salacia cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Salacia cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Tetracera macrophylla	Dilleniaceae	Native	Vulnerable	Climber	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
	Competition from exotic species	*Agelaea macrophylla*	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Aidia densiflora	Rubiaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Alsophila latebrosa	Cyatheaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Amphineuron opulentum	Thelypteridaceae	Native	Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Aporosa benthamiana	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Aporosa cf. *lucida* var. *lucida*	Phyllanthaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Artabotrys suaveolens	Annonaceae	Native	Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Bambusa heterostachya	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Bambusa multiplex	Poaceae	Exotic	Cultivated Only	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Bambusa vulgaris	Poaceae	Exotic	Casual	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Connarus semidecandrus	Connaraceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Cratoxylum cochinchinense	Hypericaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Cyrtophyllum fragrans	Gentianaceae	Native	Common	Tree	Medium	Priority 2	Medium	Low	Possible	Minor	Negligible	Imperceptible	Likely	Minor
		Elaeocarpus nitidus	Elaeocarpaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Elaeocarpus rugosus	Elaeocarpaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Enkleia malaccensis	Thymelaeaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Erythropalum scandens	Olacaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Ficus benjamina	Moraceae	Cryptogenic	-	Strangler	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Ficus fistulosa	Moraceae	Native	Common	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Ficus heteropleura	Moraceae	Native	Common	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Ficus microcarpa	Moraceae	Native	Common	Strangler	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Ficus punctata	Moraceae	Native	Common	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Ficus variegata	Moraceae	Native	Common	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Glochidion zeylanicum var. zeylanicum	Phyllanthaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Gnetum sp.	Gnetaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Goniophlebium percussum	Polypodiaceae	Native	Vulnerable	Epiphyte	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Guioa pubescens	Sapindaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Gymnacranthera cf. *forbesii*	Myristicaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Horsfieldia polyspherula	Myristicaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Knema malayana	Myristicaceae	Native	Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Oncosperma tigillarium	Arecaceae	Native	Vulnerable	Shrub	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Oxyceros longiflorus	Rubiaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Palaquium obovatum	Sapotaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Pterocarpus indicus	Fabaceae	Exotic	Casual	Tree	Low	Priority 3	Medium	Very Low	Possible	Minor	Negligible	Imperceptible	Likely	Negligible
		Radermachera quadripinnata ssp. lobbii	Bignoniaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Rinorea anguifera	Violaceae	Native	Critically Endangered	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Rourea fulgens	Connaraceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Salacia cf. *korthalsiana*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Salacia cf. *viminea*	Celastraceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Santiria laevigata	Burseraceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Strombosia javanica	Olacaceae	Native	Vulnerable	Tree	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Strophanthus caudatus	Apocynaceae	Native	Critically Endangered	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor
		Tetracera macrophylla	Dilleniaceae	Native	Vulnerable	Climber	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Likely	Minor

									Pre-mitigated				Post-mitigated (Residual)			
Phase	**Impact type**	**Taxon**	***Scientific Name***	**Common Name**	**National status**	**Global status**	**Ecological value**	**Sensitivity**	Impact intensity	**Consequence**	**Likelihood**	**Impact significance**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**
Construction	Loss of reduction in habitats and food sources	Odonate	*Coeliccia octogesima*	Telephone sylvan	Vulnerable	Not Assessed	High	Priority 1	Low	Low	Less Likely	Negligible	Low	Low	Less Likely	Negligible
		Odonate	*Devadatta argyoides*	Malayan grisette	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Negligible	Low	Low	Less Likely	Negligible
		Odonate	*Microgomphus chelifer*	Tiny sheartail	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Negligible	Low	Low	Less Likely	Negligible
		Odonate	*Pericnemis stictica*	Dryad	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Likely	**Moderate**	Medium	Medium	Likely	**Moderate**
		Odonate	*Podolestes orientalis*	Blue-spotted flatwing	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Negligible	Low	Low	Less Likely	Negligible
		Butterfly	*Potanthus trachala tytleri*	Detached dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Low	Low	Possible	Minor	Low	Low	Possible	Minor
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	High	Priority 1	Low	Low	Possible	Minor	Low	Low	Possible	Minor
		Amphibian	*Nyctixalus pictus*	Cinnamon bush frog	Vulnerable	Near Threatened	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Amphibian	*Pulchrana baramica*	Golden-eared rough-sided frog	Vulnerable	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Unlikely	Negligible
		Reptile	*Amyda cartilaginea*	Asian softshell turtle	Vulnerable	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	High	High	Unlikely	Negligible
		Reptile	*Boiga melanota*	Gold-ringed cat snake	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	High	High	Unlikely	Negligible
		Reptile	*Draco melanopogon*	Black-bearded flying dragon	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	High	High	Unlikely	Negligible
		Reptile	*Dendrelaphis haasi*	Haas's bronzeback	Critically Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	High	High	Unlikely	Negligible
		Reptile	*Sibynophis melanocephalus*	Black-headed collared snake	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Negligible	Very Low	Unlikely	Negligible
		Bird	*Copsychus malabaricus*	White-rumped shama	Critically Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Low	Low	Possible	Minor
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Low	Low	Possible	Minor
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Low	Low	Possible	Minor
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Low	Low	Possible	Minor
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Medium	Medium	Possible	**Moderate**	Low	Low	Possible	Minor
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Low	Low	Possible	Minor
		Bird	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Critically Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Low	Low	Possible	Minor
		Mammal	*Iomys horsfieldii*	Horsfield's flying squirrel	Endangered	Least Concern	High	Priority 1	High	High	Likely	**Major**	Medium	Medium	Possible	**Moderate**
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	High	High	Likely	**Major**	Medium	Medium	Possible	**Moderate**
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Likely	**Moderate**	Medium	Low	Possible	Minor
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	High	High	Likely	**Major**	Medium	Medium	Possible	**Moderate**
		Mammal	*Nycticebus coucang*	Sunda slow loris	Endangered	Endangered	High	Priority 1	High	High	Likely	**Major**	Medium	Medium	Possible	**Moderate**
		Mammal	*Tragulus kanchil*	Lesser mousedeer	Endangered	Least Concern	High	Priority 1	High	High	Likely	**Major**	Medium	Medium	Possible	**Moderate**
	Injury or mortality	Odonate	*Coeliccia octogesima*	Telephone sylvan	Vulnerable	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Odonate	*Devadatta argyoides*	Malayan grisette	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Odonate	*Microgomphus chelifer*	Tiny sheartail	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Odonate	*Pericnemis stictica*	Dryad	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Odonate	*Podolestes orientalis*	Blue-spotted flatwing	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Potanthus trachala tytleri*	Detached dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Amphibian	*Nyctixalus pictus*	Cinnamon bush frog	Vulnerable	Near Threatened	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Amphibian	*Pulchrana baramica*	Golden-eared rough-sided frog	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Reptile	*Amyda cartilaginea*	Asian softshell turtle	Vulnerable	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Reptile	*Boiga melanota*	Gold-ringed cat snake	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Draco melanopogon*	Black-bearded flying dragon	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Reptile	*Dendrelaphis haasi*	Haas's bronzeback	Critically Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Sibynophis melanocephalus*	Black-headed collared snake	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Bird	*Copsychus malabaricus*	White-rumped shama	Critically Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor

									Pre-mitigated				Post-mitigated (Residual)			
Phase	**Impact type**	**Taxon**	***Scientific Name***	**Common Name**	**National status**	**Global status**	**Ecological value**	**Sensitivity**	Impact intensity	**Consequence**	**Likelihood**	**Impact significance**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Bird	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Critically Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Mammal	*Iomys horsfieldii*	Horsfield's flying squirrel	Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Possible	**Moderate**	High	Medium	Less Likely	Minor
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Mammal	*Nycticebus coucang*	Sunda slow loris	Endangered	Endangered	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Mammal	*Tragulus kanchil*	Lesser mousedeer	Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
	Loss of ecological connectivity for fauna movement	Odonate	*Coeliccia octogesima*	Telephone sylvan	Vulnerable	Not Assessed	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Odonate	*Devadatta argyoides*	Malayan grisette	Endangered	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Odonate	*Microgomphus chelifer*	Tiny sheartail	Vulnerable	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Odonate	*Pericnemis stictica*	Dryad	Vulnerable	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Odonate	*Podolestes orientalis*	Blue-spotted flatwing	Vulnerable	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Butterfly	*Potanthus trachala tytleri*	Detached dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Amphibian	*Nyctixalus pictus*	Cinnamon bush frog	Vulnerable	Near Threatened	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Amphibian	*Pulchrana baramica*	Golden-eared rough-sided frog	Vulnerable	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Reptile	*Amyda cartilaginea*	Asian softshell turtle	Vulnerable	Vulnerable	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Reptile	*Boiga melanota*	Gold-ringed cat snake	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Draco melanopogon*	Black-bearded flying dragon	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Dendrelaphis haasi*	Haas's bronzeback	Critically Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Sibynophis melanocephalus*	Black-headed collared snake	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Bird	*Copsychus malabaricus*	White-rumped shama	Critically Endangered	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Bird	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Critically Endangered	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Mammal	*Iomys horsfieldii*	Horsfield's flying squirrel	Endangered	Least Concern	High	Priority 1	High	High	Likely	**Major**	High	High	Possible	**Moderate**
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	Negligible	Very Low	Less Likely	Minor	Negligible	Very Low	Less Likely	Minor
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Likely	**Moderate**	High	Medium	Possible	**Moderate**
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	Medium	Medium	Likely	**Moderate**	Medium	Medium	Possible	**Moderate**
		Mammal	*Nycticebus coucang*	Sunda slow loris	Endangered	Endangered	High	Priority 1	High	High	Likely	**Major**	High	High	Possible	**Moderate**
		Mammal	*Tragulus kanchil*	Lesser mousedeer	Endangered	Least Concern	High	Priority 1	High	High	Likely	**Major**	High	High	Possible	**Moderate**
Operational	Collisions with buildings (birds only)	Bird	*Copsychus malabaricus*	White-rumped shama	Critically Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Critically Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
	Loss of ecological connectivity for fauna movement	Odonate	*Coeliccia octogesima*	Telephone sylvan	Vulnerable	Not Assessed	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Odonate	*Devadatta argyoides*	Malayan grisette	Endangered	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Odonate	*Microgomphus chelifer*	Tiny sheartail	Vulnerable	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Odonate	*Pericnemis stictica*	Dryad	Vulnerable	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
		Odonate	*Podolestes orientalis*	Blue-spotted flatwing	Vulnerable	Least Concern	High	Priority 1	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible

									Pre-mitigated				Post-mitigated (Residual)			
Phase	Impact type	Taxon	*Scientific Name*	Common Name	National status	Global status	Ecological value	Sensitivity	Impact intensity	Consequence	Likelihood	Impact significance	Impact intensity	Consequence	Likelihood	Impact significance
		Butterfly	*Potanthus trachala tytleri*	Detached dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	High	Priority 1	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
		Amphibian	*Nyctixalus pictus*	Cinnamon bush frog	Vulnerable	Near Threatened	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Amphibian	*Pulchrana baramica*	Golden-eared rough-sided frog	Vulnerable	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Reptile	*Amyda cartilaginea*	Asian softshell turtle	Vulnerable	Vulnerable	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Reptile	*Boiga melanota*	Gold-ringed cat snake	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Draco melanopogon*	Black-bearded flying dragon	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Dendrelaphis haasi*	Haas's bronzeback	Critically Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Sibynophis melanocephalus*	Black-headed collared snake	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Bird	*Copsychus malabaricus*	White-rumped shama	Critically Endangered	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Bird	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Critically Endangered	Least Concern	High	Priority 1	High	High	Less Likely	Minor	High	High	Less Likely	Minor
		Mammal	*Iomys horsfieldii*	Horsfield's flying squirrel	Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	Negligible	Very Low	Less Likely	Minor	Negligible	Very Low	Less Likely	Minor
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Possible	**Moderate**	High	Medium	Less Likely	Minor
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Mammal	*Nycticebus coucang*	Sunda slow loris	Endangered	Endangered	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Mammal	*Tragulus kanchil*	Lesser mousedeer	Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
	Injury or mortality	Odonate	*Coeliccia octogesima*	Telephone sylvan	Vulnerable	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Odonate	*Devadatta argyoides*	Malayan grisette	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Odonate	*Microgomphus chelifer*	Tiny sheartail	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Odonate	*Pericnemis stictica*	Dryad	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Odonate	*Podolestes orientalis*	Blue-spotted flatwing	Vulnerable	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Potanthus trachala tytleri*	Detached dart	Nationally Extinct (Rediscovered)	Not Assessed	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Butterfly	*Troides helena cerberus*	Common birdwing	Vulnerable	Not Assessed; CITES protected (Appendix II)	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Unlikely	Negligible
		Amphibian	*Nyctixalus pictus*	Cinnamon bush frog	Vulnerable	Near Threatened	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Amphibian	*Pulchrana baramica*	Golden-eared rough-sided frog	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Reptile	*Amyda cartilaginea*	Asian softshell turtle	Vulnerable	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Reptile	*Boiga melanota*	Gold-ringed cat snake	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Draco melanopogon*	Black-bearded flying dragon	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Reptile	*Dendrelaphis haasi*	Haas's bronzeback	Critically Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Reptile	*Sibynophis melanocephalus*	Black-headed collared snake	Vulnerable	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Bird	*Copsychus malabaricus*	White-rumped shama	Critically Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Gallus gallus*	Red junglefowl	Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Bird	*Loriculus galgulus*	Blue-crowned hanging-parrot	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Nisaetus cirrhatus*	Changeable hawk-eagle	Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Psittacula longicauda*	Long-tailed parakeet	Not Assessed	Vulnerable	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Bird	*Rallina fasciata*	Red-legged crake	Vulnerable	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Bird	*Surniculus lugubris*	Square-tailed drongo-cuckoo	Critically Endangered	Least Concern	High	Priority 1	Low	Low	Less Likely	Minor	Low	Low	Less Likely	Minor
		Mammal	*Iomys horsfieldii*	Horsfield's flying squirrel	Endangered	Least Concern	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor

									Pre-mitigated				Post-mitigated (Residual)			
Phase	**Impact type**	**Taxon**	***Scientific Name***	**Common Name**	**National status**	**Global status**	**Ecological value**	**Sensitivity**	Impact intensity	**Consequence**	**Likelihood**	**Impact significance**	**Impact intensity**	**Consequence**	**Likelihood**	**Impact significance**
		Mammal	*Macaca fascicularis*	Long-tailed macaque	Least Concern	Vulnerable	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Mammal	*Galeopterus variegatus*	Sunda colugo	Near Threatened	Least Concern	Medium	Priority 2	High	Medium	Possible	**Moderate**	High	Medium	Less Likely	Minor
		Mammal	*Manis javanica*	Sunda pangolin	Critically Endangered	Critically Endangered	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor
		Mammal	*Nycticebus coucang*	Sunda slow loris	Endangered	Endangered	High	Priority 1	Medium	Medium	Possible	**Moderate**	Medium	Medium	Less Likely	Minor
		Mammal	*Tragulus kanchil*	Lesser mousedeer	Endangered	Least Concern	High	Priority 1	High	High	Possible	**Moderate**	High	High	Less Likely	Minor

Appendix S

Rope Bridge Specification

Appendix DD Rope Bridge Specification

The main objective of the rope bridge is to provide a permanent canopy connection across Island Club Road for arboral fauna such as the nationally Critically Endangered Raffle banded langur (*Presbytis femoralis femoralis*) and Sunda slow loris (*Nycticebus coucang*). Three tentative locations have been proposed along Island Club Road (Figure 1). These locations were chosen due to the following justification detailed in Table 1.

Nonetheless, the rope bridge proposed should be guided by the following specifications shown in Figure 2. There are however a few things to take note:

1. Width between the two poles should at least span the width of Island Club Road.
2. Height of the poles ideally should reach the height of the existing canopy in the area, if not it should minimally be 5m from the ground.
3. To bridge the gap between the pole and the forest on either side of Island Club Road (i.e. northern forest fragment and Windsor Nature Park), a rope should extent into the canopy. Specification of this rope should follow specification of the rope used for the bridge.
4. Proposed locations and specifications would still require LTA and technical agencies such as NParks to finalise prior to construction of the rope bridges.

Figure 1. Propose locations where rope bridges can be placed along Island Club Road

Appendix DD Rope Bridge Specification

Table 1. Justification of rope bridge location

Rope Bridge Location	Justification	Photos
RB_01	• Raffles banded langur, Malayan colugo and. flying squirrels have been sighted along this stretch, indicating the potential use of the stretch (refer to Section 7.3.3.3.11). • There is currently no canopy connection. However, existing site condition of the canopy has potential for a natural canopy to form if not for the constant pruning of trees. By placing one here, this can act as an enhancement measure to improve connectivity along this stretch. • Existing landscape is a line of planted coconut trees running parallel to the road which can act as poles for the bridge (i.e. no poles are needed for the rope bridges; rope bridges will be attached directly to the trees).	 
RB_02	• Location proposed is existing canopy connection. However, it is pruned regularly. By placing a rope bridge nearby, helps to ensure a permanent connection for arboreal mammals.	 

Appendix DD Rope Bridge Specification

Rope Bridge Location	Justification	Photos
RB_03	• Currently, landscape on either side of the road is relatively open. Rope bridge has to be accompanied by enhancement planting.	 

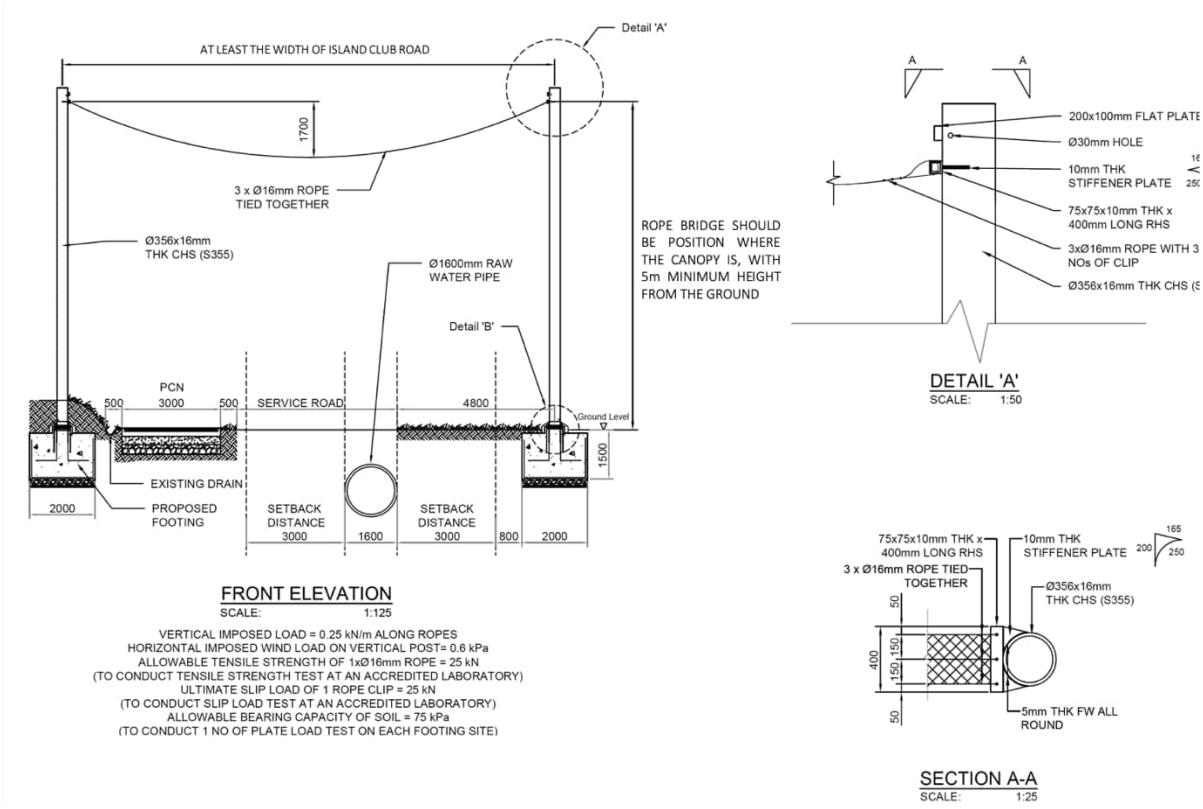


Figure 2. Specification of rope bridge

Appendix T

Calculation Regression Line for Vibration

Appendix T Calculation Regression Line for Vibration

Ambient Vibration in Windsor

CR2005 uses measured baseline data (see Table 1) and the linear regression line (Gaussian) analysis to determine the vibration decay-with-distance to predict the ambient vibration levels throughout the study area in Windsor.

The analysis assumes that the distribution of y that about the regression line is Gaussian. The linear regression line has the general equation:

$$\boldsymbol{y = mx + c}$$

Where $\boldsymbol{m}$ is the gradient of the line and $\boldsymbol{c}$ the intercept and:

$\boldsymbol{y = log_{10}(ppv)}$, $\boldsymbol{x = log_{10}(scaled\ distance)}$.

The formula to predict vibration level is:

$$\boldsymbol{log(ppv) = -0.0.7221 * log(dist) + 0.1837}$$

Where

$\boldsymbol{ppv}$ is the predicted 99th percentile ambient PPV vibration level (mm/s); and

$\boldsymbol{dist}$ is the distance from the road (m).

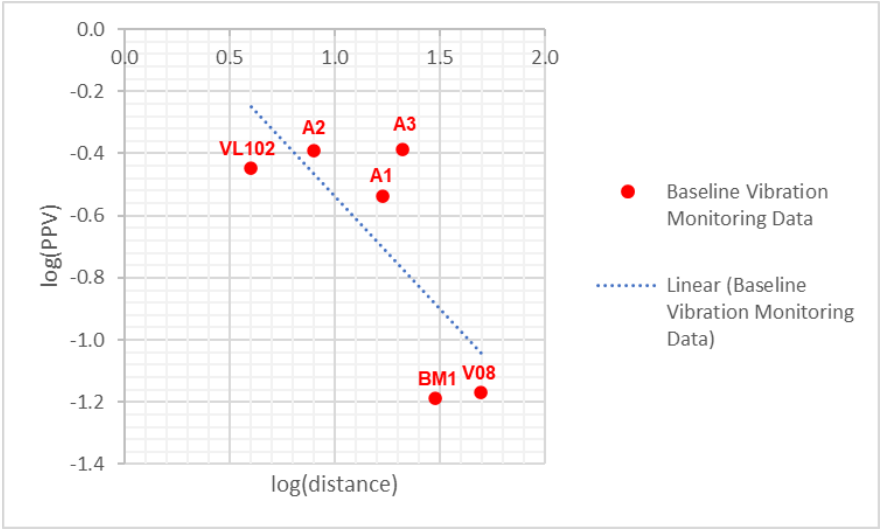


Figure 1 Logarithm of the Peak Particle Velocity as a Function of the Logarithm of the Scaled Distance

Conversion to Wiss Equation:

$$\log(PPV) = \mathrm{m}\log(x) + c$$
$$\log(PPV) = \log(x^m) + c$$
$$\log(PPV) - \log(x^m) = c$$
$$\log\left(\frac{PPV}{x^m}\right) = c$$
$$\frac{PPV}{x^m} = 10^c$$
$$PPV = 10^c.x^m$$

- $m = -0.7221$
- $c = 0.1837$
- $10\text{^}c = 1.5265$

Hence :

$$PPV = 1.53x^{-0.72}$$

Table 1 Data Extrapolation to Derive Regression Line and Confidence Boundaries

Baseline Vibration Monitoring Location	Distance from the Road, m	99th percentile PPV, mm/s	log(distance)	log(PPV)
VLV102	4	0.36	0.60	-0.45
A1	17	0.29	1.23	-0.54
A2	8	0.40	0.90	-0.39
A3	21	0.41	1.32	-0.39
BM1	30	0.07	1.48	-1.19
V08	50	0.07	1.70	-1.17

Regression Equation, key parameters:			
Slope	-0.7221	**Intercept**	0.1837
Standard error	0.3224	**Standard error**	0.4059
R^2	0.5563	**Standard error**	0.2861
F	5.0161	**df**	4
Reg SoS	0.4104	**Resid SoS**	0.3273

Note:
R^2 is the coefficient of determination.
F determines whether the observed relationship between the dependent and independent variables occurs by chance.
df is the degree of freedom.
RegSoS is the regression sum of squares.
Resid SoS is the residual sum of squares

Rock Breaking and Excavation

Vibration monitoring data (see Table 2) from Contract T207 has been reviewed and used as data input for the regression line analysis (following the guidance of BS 6472-2-2008). Contract T207 measured vibration emissions at various distances for MICs(C) 1.2 kg, 1.6 kg, 3 kg, 3.2 kg and 3.5 kg. For each vibration measurement location, the slant distance (d) from the combustion point was determined and used, together with the associated MIC, to calculate the scaled distance (s) where:

$$s = d\sqrt{C}$$

The maximum component of the vibration (peak particle velocity, ppv) recorded at each location is given in Table 2 with the slant distances and MICs for each event/measurement combination. Some reportedly irrelevant readings were removed from the assessment of the regression calculation as advised by the LTA's appointed Technical advisor.

Regression analysis may be conducted as below to determine the equation of $\boldsymbol{log10(ppv)}$, $\boldsymbol{y}$, as a function of $\boldsymbol{log10(scaled\ distance)}$, $\boldsymbol{x}$. The data and values derived from conducting the statistical analysis are given in Figure 2. The analysis assumes that the distribution of y that about the regression line is Gaussian. The linear regression line has the general equation:

$$y = mx + c$$

Where m is the gradient of the line and c the intercept and:

$y = log_{10}(ppv)$, $x = log_{10}(scaled\ distance)$.

The formula to predict vibration level is:

$$log(ppv) = -1.518 * log(dist) + 3.112$$

Where

ppv is the predicted vibration level

$dist$ is the distance between vibration source and receptor

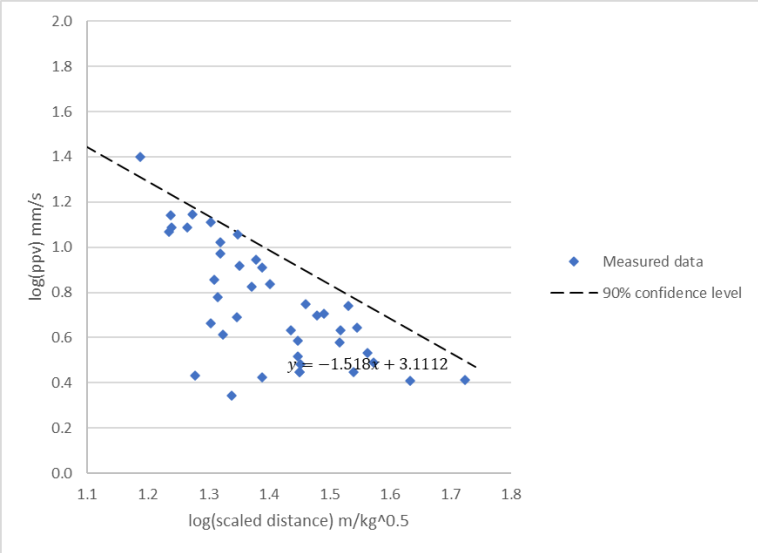


Figure 2 Logarithm of the Peak Particle Velocity as a Function of the Logarithm of the Scaled Distance

Conversion to Wiss Equation:

$$\log(PPV) = \mathrm{m}\log\left(\frac{x}{\sqrt{MIC}}\right) + c$$

$$\log(PPV) = \log\left[\left(\frac{x}{\sqrt{MIC}}\right)^{m}\right] + c$$

$$\log(PPV) - \log\left[\left(\frac{x}{\sqrt{MIC}}\right)^{m}\right] = c$$

$$\log\left[\frac{PPV}{\left(\frac{x}{\sqrt{MIC}}\right)^{m}}\right] = c$$

$$\frac{PPV}{\left(\frac{x}{\sqrt{MIC}}\right)^{m}} = 10^{c}$$

$$PPV = 10^{c}\left(\frac{x}{\sqrt{MIC}}\right)^{m}$$

- $m = -1.518$
- $c = 3.1112$
- $10\text{^}c = 1291$

Hence :

$$PPV = 1291\left(\frac{x}{\sqrt{MIC}}\right)^{-1.5}$$

Table 2 T207 Vibration Monitoring Data

Station	R	MIC, kg	Scaled Distance	PPV, mm/s	Approximate Depth	Comment
VM3	35.5	1.6	28.1	3.9	28.0	Sewer (with void)
VM4	54.4	1.6	43.0	2.6	28.0	22Kv (with void)
VM3	29.7	3.0	17.1	11.7	29.0	Capping Beam
VM4	38.6	3.0	22.3	11.4	29.0	Sewer (with void)
VM5	57.0	3.0	32.9	4.3	29.0	22Kv (with void)
VM3	26.7	3.0	15.4	25.0	27.0	Capping Beam
VM4	37.8	3.0	21.8	2.2	27.0	Sewer (with void)

Station	R	MIC, kg	Scaled Distance	PPV, mm/s	Approximate Depth	Comment
VM5	56.9	3.0	32.9	3.8	27.0	22Kv (with void)
VM3	35.3	3.0	20.4	7.2	35.0	Capping beam Corner C
VM4	40.7	3.0	23.5	6.7	35.0	Sewer (with void)
VM5	58.9	3.0	34.0	5.5	35.0	22Kv (with void)
VM6	49.0	3.0	28.3	3.0	35.0	Capping Beam Nee Soon Fence
VM3	34.9	3.0	20.1	12.9	35.0	Capping Beam at Corner C
VM5	59.9	3.0	34.6	2.8	35.0	22Kv (with void)
VM3	30.0	3.0	17.3	12.2	30.0	Capping Beam Corner C
VM4	42.4	3.0	24.5	2.7	30.0	Sewer (with void)
VM5	60.7	3.0	35.0	4.4	30.0	22Kv (with void)
VM6	48.5	3.0	28.0	3.3	30.0	Capping Beam beside Nee Soon Fence
VM3	41.4	3.0	23.9	8.8	30.0	Capping beam at Corner C
VM4	31.9	3.0	18.4	12.2	30.0	Sewer
VM5	35.8	3.0	20.7	6.0	30.0	22KV
VM3	40.2	3.2	22.5	8.3	31.0	Capping Beam at Corner C
VM4	30.9	3.2	17.3	13.8	31.0	Sewer
VM5	45.1	3.2	25.2	6.9	31.0	22Kv
VM3	43.8	3.2	24.5	8.1	40.0	Capping Beam at Corner C
VM4	39.8	3.2	22.2	4.9	40.0	Sewer
VM5	55.3	3.2	30.9	5.1	40.0	22KV
VM3	39.1	3.5	20.9	9.4	40.0	Capping Beam at Corner C
VM4	39.5	3.5	21.1	4.1	40.0	Sewer
VM5	56.3	3.5	30.1	5.0	40.0	22KV
VM3	39.1	3.5	20.9	10.5	40.0	Capping Beam, at Corner C
VM4	37.6	3.5	20.1	4.6	40.0	Sewer
VM5	54.0	3.5	28.9	5.6	40.0	22Kv
VM6	52.7	3.5	28.2	2.8	40.0	Capping Beam near Nee Soon Fence
VM3	35.1	3.5	18.8	14.0	40.0	Capping Beam at Corner C
VM4	35.5	3.5	19.0	2.7	40.0	Sewer
VM5	51.1	3.5	27.3	4.3	40.0	22KV
VM6	52.7	3.5	28.2	2.8	40.0	Capping Beam near Nee Soon Fence
VM3	40.0	1.2	36.5	3.4	41.0	Capping Beam at Corner C
VM4	41.0	1.2	37.4	3.1	41.0	Sewer
VM5	58.0	1.2	52.9	2.6	41.0	22Kv

Table 3 Derivation of Regression Line and Confidence Boundaries

Slant distance d	MIC C	Max ppv ppv	Scaled distance s	Log(s) x	log(ppv) y	xy	x^2	y^2	x-x_mean	y-y_mean	(x-x_mean)*(y-y_mean)	(x-x_mean^2)	(y-y_mean)^2
m	kg	mm/s	m/kg^0.5										
35.5	1.6	4	28	1.4482	0.5866	0.8495	2.0972	0.3441	0.0462	-0.1570	-0.0073	0.0021	0.0247
54.4	1.6	3	43	1.6335	0.4099	0.6696	2.6684	0.1680	0.2316	-0.3337	-0.0773	0.0536	0.1113
29.7	3.0	12	17	1.2342	1.0682	1.3184	1.5232	1.1410	-0.1678	0.3246	-0.0545	0.0281	0.1054
38.6	3.0	11	22	1.3480	1.0569	1.4247	1.8172	1.1170	-0.0539	0.3133	-0.0169	0.0029	0.0982
57.0	3.0	4	33	1.5173	0.6335	0.9612	2.3022	0.4013	0.1154	-0.1101	-0.0127	0.0133	0.0121
26.7	3.0	25	15	1.1880	1.3979	1.6607	1.4112	1.9542	-0.2140	0.6543	-0.1400	0.0458	0.4282
37.8	3.0	2	22	1.3389	0.3424	0.4585	1.7927	0.1173	-0.0630	-0.4012	0.0253	0.0040	0.1609
56.9	3.0	4	33	1.5166	0.5798	0.8793	2.2999	0.3361	0.1146	-0.1638	-0.0188	0.0131	0.0268
35.3	3.0	7	20	1.3092	0.8573	1.1224	1.7140	0.7350	-0.0927	0.1137	-0.0105	0.0086	0.0129
40.7	3.0	7	23	1.3710	0.8261	1.1326	1.8797	0.6824	-0.0309	0.0825	-0.0026	0.0010	0.0068
58.9	3.0	6	34	1.5316	0.7404	1.1339	2.3457	0.5481	0.1296	-0.0032	-0.0004	0.0168	0.0000
49.0	3.0	3	28	1.4516	0.4829	0.7010	2.1072	0.2332	0.0497	-0.2607	-0.0130	0.0025	0.0680
34.9	3.0	13	20	1.3043	1.1106	1.4485	1.7011	1.2334	-0.0977	0.3670	-0.0359	0.0095	0.1347
59.9	3.0	3	35	1.5389	0.4472	0.6881	2.3681	0.2000	0.1369	-0.2964	-0.0406	0.0187	0.0879
30.0	3.0	12	17	1.2386	1.0864	1.3455	1.5340	1.1802	-0.1634	0.3428	-0.0560	0.0267	0.1175
42.4	3.0	3	24	1.3888	0.4265	0.5923	1.9288	0.1819	-0.0131	-0.3171	0.0042	0.0002	0.1005
60.7	3.0	4	35	1.5446	0.6435	0.9939	2.3859	0.4140	0.1427	-0.1001	-0.0143	0.0204	0.0100
48.5	3.0	3	28	1.4472	0.5185	0.7504	2.0943	0.2689	0.0452	-0.2251	-0.0102	0.0020	0.0507
41.4	3.0	9	24	1.3784	0.9445	1.3019	1.9001	0.8920	-0.0235	0.2009	-0.0047	0.0006	0.0404
31.9	3.0	12	18	1.2652	1.0864	1.3745	1.6008	1.1802	-0.1367	0.3428	-0.0469	0.0187	0.1175
35.8	3.0	6	21	1.3153	0.7782	1.0235	1.7301	0.6055	-0.0866	0.0346	-0.0030	0.0075	0.0012
40.2	3.2	8	22	1.3517	0.9191	1.2423	1.8270	0.8447	-0.0503	0.1755	-0.0088	0.0025	0.0308

Slant distance d	MIC C	Max ppv ppv	Scaled distance s	Log(s) x	log(ppv) y	xy	x^2	y^2	x-x_mean	y-y_mean	(x-x_mean)*(y-y_mean)	(x-x_mean^2)	(y-y_mean)^2
30.9	3.2	14	17	1.2374	1.1399	1.4105	1.5311	1.2993	-0.1646	0.3963	-0.0652	0.0271	0.1570
45.1	3.2	7	25	1.4016	0.8388	1.1757	1.9645	0.7037	-0.0004	0.0952	0.0000	0.0000	0.0091
43.8	3.2	8	24	1.3889	0.9085	1.2618	1.9290	0.8253	-0.0131	0.1649	-0.0022	0.0002	0.0272
39.8	3.2	5	22	1.3473	0.6902	0.9299	1.8152	0.4764	-0.0546	-0.0534	0.0029	0.0030	0.0029
55.3	3.2	5	31	1.4902	0.7076	1.0544	2.2205	0.5007	0.0882	-0.0360	-0.0032	0.0078	0.0013
39.1	3.5	9	21	1.3201	0.9731	1.2847	1.7428	0.9470	-0.0818	0.2295	-0.0188	0.0067	0.0527
39.5	3.5	4	21	1.3246	0.6128	0.8117	1.7545	0.3755	-0.0774	-0.1308	0.0101	0.0060	0.0171
56.3	3.5	5	30	1.4785	0.6990	1.0334	2.1859	0.4886	0.0765	-0.0446	-0.0034	0.0059	0.0020
39.1	3.5	11	21	1.3201	1.0212	1.3481	1.7428	1.0428	-0.0818	0.2776	-0.0227	0.0067	0.0771
37.6	3.5	5	20	1.3032	0.6628	0.8637	1.6982	0.4392	-0.0988	-0.0808	0.0080	0.0098	0.0065
54.0	3.5	6	29	1.4604	0.7482	1.0926	2.1327	0.5598	0.0584	0.0046	0.0003	0.0034	0.0000
52.7	3.5	3	28	1.4498	0.4472	0.6483	2.1019	0.2000	0.0478	-0.2964	-0.0142	0.0023	0.0879
35.1	3.5	14	19	1.2733	1.1461	1.4593	1.6212	1.3136	-0.1287	0.4025	-0.0518	0.0166	0.1620
35.5	3.5	3	19	1.2782	0.4314	0.5514	1.6338	0.1861	-0.1238	-0.3122	0.0386	0.0153	0.0975
51.1	3.5	4	27	1.4364	0.6335	0.9099	2.0632	0.4013	0.0344	-0.1101	-0.0038	0.0012	0.0121
52.7	3.5	3	28	1.4498	0.4472	0.6483	2.1019	0.2000	0.0478	-0.2964	-0.0142	0.0023	0.0879
40.0	1.2	3	37	1.5625	0.5315	0.8304	2.4413	0.2825	0.1605	-0.2121	-0.0340	0.0258	0.0450
41.0	1.2	3	37	1.5732	0.4914	0.7730	2.4749	0.2414	0.1712	-0.2522	-0.0432	0.0293	0.0636
58.0	1.2	3	53	1.7238	0.4150	0.7153	2.9716	0.1722	0.3219	-0.3286	-0.1058	0.1036	0.1080
41			Mean	1.402	0.744						-0.02115	0.01394	0.06740
Count N			Sum			41.88	81.16	25.43			-0.867	0.5714	2.763
			SD									0.1181	0.2596

Rotary Bore Piling Vibration

Table 4 PPV Levels from BS 5228-2_2009+A1_2014

X-Axis	Measured BS 5228-2_2009+A1_2014 PPV Table D6 (all soils and modes)	Soil	Mode
3.5	0.23	Sands and gravels over chalk	Augering
3.5	2.4	Sands and gravels over chalk	Surging casing
5	0.54	6 m of the soft ground over rock	Twisting in casing
5	0.36	6 m of the soft ground over rock	Spinning off
5	0.22	6 m of the soft ground over rock	Boring with a rock auger
5	0.42	6 m of the soft ground over rock	Auguring
5	0.43	6 m of the soft ground over rock	Dollying casing
5.5	0.13	Fill including pockets of gravel over London clay	Auger hitting the base of the hole
6	0.08	Sands and gravels over chalk	Spinning off
7	1	Fill/gravel/London clay	Augering
8	0.04	Sands and gravels over chalk	Dollying casing
8	1.7	Sands and gravels over chalk	Spinning off
8	0.06	Sands and gravels over chalk	Augering
9	0.2	Fill/wet sand/lias clay	Augering
9	0.8	Fill/wet sand/lias clay	Augering
10	0.38	Fill clay	Auger hitting the base of the hole
10	1.1	Fill clay	Driving casing with 3t dolly
10	0.96	Fill clay	Augering
10	0.57	Fill clay	Mudding in
10	0.4	Fill/sand/clay	Spinning off
10	0.3	Fill/sand/clay	Dollying casing
10	0.3	Fill/sand/clay	Auger hitting the base of the hole
10	1	Fill/sand/clay	Mudding in
14	0.3	Fill/sand/clay	Dollying casing
14	0.2	Fill/sand/clay	Augering
14	0.8	Fill/sand/clay	Augering
15	0.1	Fill/sand/clay	Auger hitting the base of the hole
20	0.3	Fill clay	Augering
20	0.55	Fill clay	Hammering casing with Kelly bar
20	0.44	Fill clay	Augering
20	0.05	Fill/dense ballast/ London clay	Auger hitting the base of the hole
20	0.23	Fill/dense ballast/ London clay	Spinning off

X-Axis	Measured BS 5228-2_2009+A1_2014 PPV Table D6 (all soils and modes)	Soil	Mode
26	0.02	Fill/sand/clay	Augering
26	0.1	Fill/sand/clay	Auger hitting the base of the hole
30	0.03	Fill clay	Spinning off

$$y = ax^b$$

Where a and b are the regression coefficients that describe the relationship between x and y.

The formula to predict vibration level is:

$$ppv = 102.31(dist)^{-2.073}$$

Where

ppv is the predicted vibration level

$dist$ is the distance between vibration source and receptor

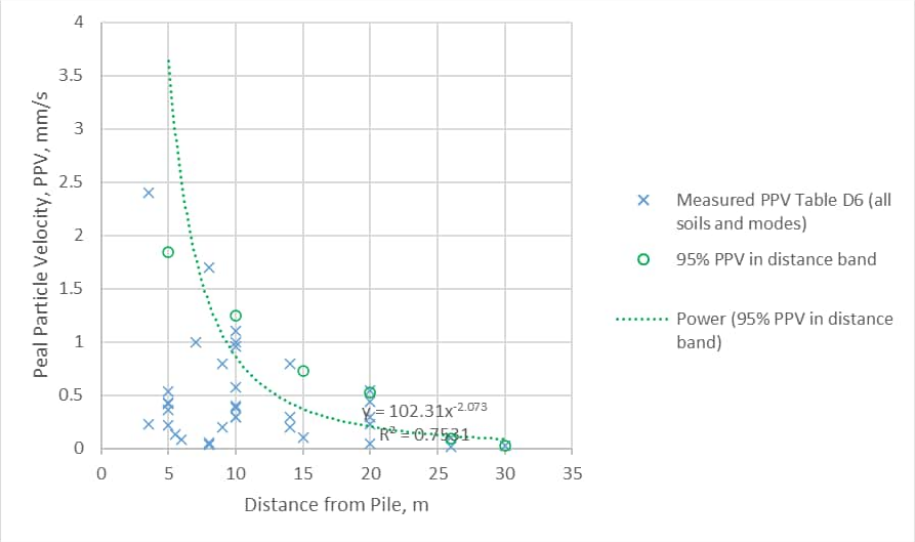


Figure 3 Regression Power Curve for Predicting Vibration Level

Table 5 Key Parameters of the Power Curve Equation

Power Curve Equation, Key Parameters		
	a	102.31
	b	-2.073
Distance (up to and including), m	**95% PPV in distance band, m**	**Predicted 95% PPV, mm/s**
5	1.8	3.64
10	1.3	0.86
15	0.7	0.37
20	0.53	0.21
26	0.10	0.12
30	0.03	0.09

Appendix U

Wildlife Incident Form

Wildlife Incident Form

Date (YYYY/MM/DD):	Time:
Description of Location:	GPS Coordinates:
Wildlife Observed:	Animal Condition (circle): Alive / Killed / Dead / Injured Animal activity (circle): Moving / Resting / Trapped
Photographs Taken:	MFLG and NParks notified: Yes / No Name of staff notified:
Describe Incident (e.g., activities being carried out; what animal was doing; personnel involved):	
Actions Taken:	
Reported by:	Reported to:
Contact no.:	Contact no:
Remarks:	

Appendix V

Fauna Inspection Form

Fauna Inspections

Inspection Round:
Date of Inspection:
Start and End Time:
Project Title:

Contractor:
Conducted by:
Weather:

Fauna inspections across site include: (a) inspection of hoarding integrity and possibility of wildlife entry into site, (b) inspection of erosion control blankets for wildlife entrapment, and (c)inspection within and around TPZs on site for wildlife presence. Ad-hoc fauna inspections will be conducted when the need arises, e.g. when vegetation needs to be removed on site.

S/N	Activity	Zone inspected	Findings	Coordinates (Lat, Long)	Remarks, photos	Actions to be taken

Appendix W

Tree Protection and Conservation Guidelines

TREE PROTECTION AND CONSERVATION GUIDELINES

By

Derek Yap

Lead Arborist

Camphora Pte Ltd

ISA certified

SG-0117A

CONTENT REQUIREMENTS

This document outlines specific measures to protect trees during construction or other site disturbance. The content and scope of the document will vary based on the site, type of construction, tree species, tree location and other factors.

TREE PROTECTION AND CONSERVATION GUIDELINES

This section outlines the general provisions for tree protection before, during and after construction. Additional measures may be added by the attending arborist on a case-by-case basis.

PRE-DEMOLITION/PILING/CONSTRUCTION

1. Pre-Construction Meeting

The attending arborist shall attend a pre-construction meeting with the project contractor or construction supervisor to explain the tree protection and monitoring requirements as outlined in this document.

In addition, the project contractor or construction supervisor shall complete the 'VERIFICATION OF TREE PROTECTION CHECKLIST' as attached in Annex A before the onset of the construction.

1.1 Tree Protection Zone

Prior to any site clearing (demolition works), piling works, grading, trenching or other soil disturbance, a tree protection zone (TPZ) must be installed as follows:

i. Type

The barriers should be temporary, made of a hard material, 1.8-m tall and firmly installed into the ground.

ii. Ground protection

Mulching material (can be compost or woodchips) at 100-mm thick to be laid within the TPZ. If woodchips are used, termicide treatment is necessary to prevent the introduction of harmful termites.

Apply complete fertilizer (N:P:K 15:15:15) upon or together with the application of mulch.

iii. Signage

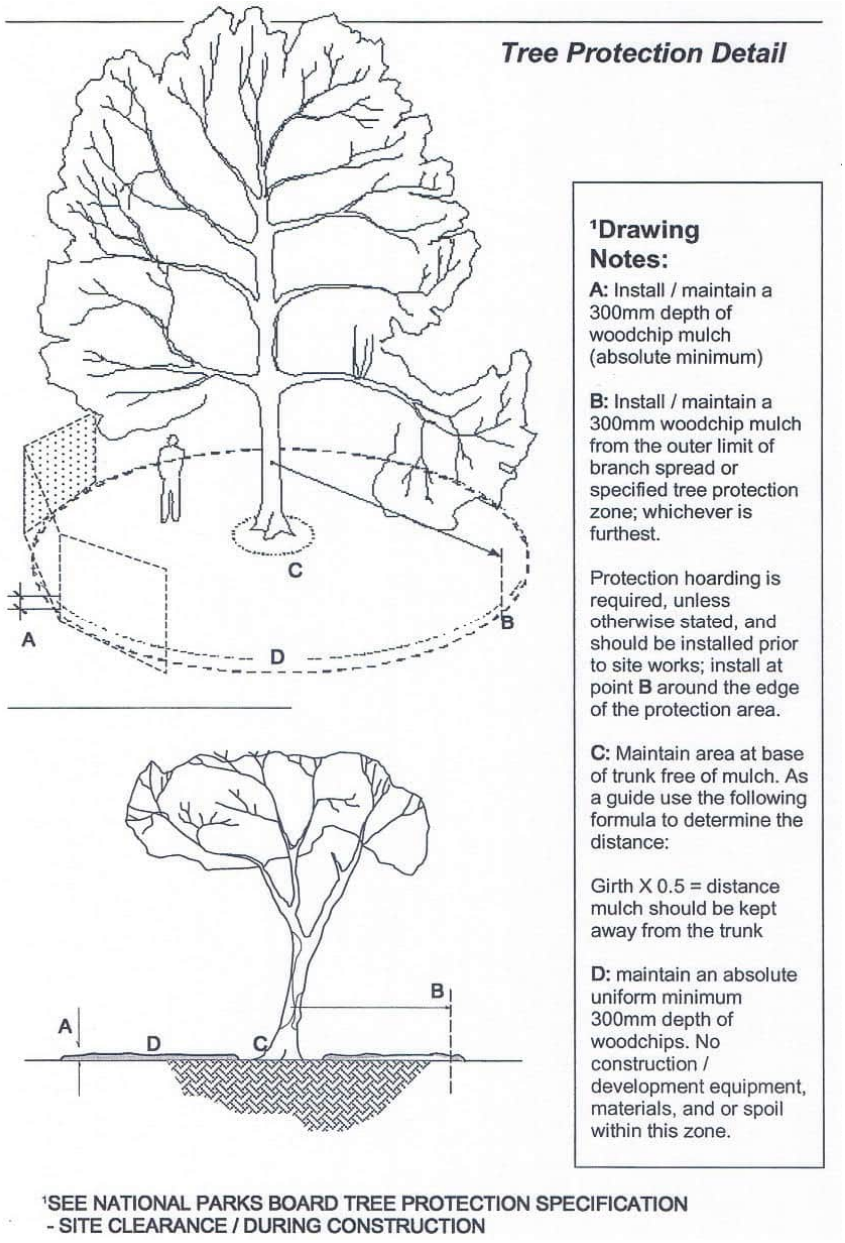
A readily-visible and waterproof sign shall be installed on all sides of the fencing around each individual protected tree. The size of each sign must be a minimum of 300mm wide and must contain the wording below:

Entry prohibited. This fence shall remain in place throughout the entire construction period.

iv. Fencing installation

Installation must be approved by the attending arborists and/or the approved authority prior to construction.

A diagrammatic representation of a proper Tree protection zone is presented below.



1.2 Tree pruning and removal

Various trees may need to be pruned away from structures or proposed construction activity. ***Construction or contractor personnel shall not attempt pruning or removal.*** Consultation and written approval with attending arborist must be obtained prior to pruning.

Removal of trees adjacent to trees that are to be retained requires planning and skilled arboriculture workers. Trees should not be removed by pushing with excavators/heavy

machinery or with lumberjack (one cut) methods. Directional felling methods (notch and back-cut) should be deployed during removal of trees.

Removal of trees that extend into branches or roots of protected trees shall not be attempted by the demolition or construction crew, or by grading or other heavy equipment. Before removing tree stumps, the project manager shall seek the advice from the attending arborist determine if roots are entangled with trees that are to remain. If so, these stumps shall have their roots severed before extracting them.

1.3 Site Clearance

To avoid lumber jack felling of trees that may severely damage the canopy of conserved trees, it is recommended that qualified (see Point 4.3 Tree Conservation Guidelines) Arboriculture contractors be engage to fell trees adjacent to protected trees to ensure that the trees (when cut) fall away from the protected trees and their associated TPZs.

Contractors carry out tree felling works near assigned TPZs of conserved trees should

i. Employ directional felling through the use of notch and back cuts

ii. Deploy cranes to tension trunks in the direction of the drop

iii. Carry out pruning of canopy branches to remove entangling branches

iv. If trees to be removed are taller than neighbouring trees to be retained, removal of branches should be carried out in a controlled manner using ropes and cranes to avoid damaging canopy of the lower trees.

v. To avoid pruning of conserved trees at the proximity unless consultation and approval from attending arborist has been obtained.

vi. No tree should be removed by pushing with an excavator or heavy machinery.

DURING DEMOLITION/PILING/CONSTRUCTION

2. Tree Protection Zone Restrictions

- No ground disturbance, grading, trenching or other construction activities shall occur within the TPZ except as specified and/or approved by the attending arborist or authority.
- No construction material, debris, machinery (e.g. generators) or other construction waste shall be stored within the TPZ. Weight and presence of these materials increases

soil compaction and reduces the area exposed for water infiltration and gaseous exchange.

Figure 1: Construction material and heavy machinery are prohibited within the TPZ

- Excavation works within the TPZ are strictly prohibited. Unless otherwise specified by the attending arborist, all work done within the TPZ shall be completed with manual trenching with hand tools or other hand held power tools that will not cause any root/tree damage.

  If roots need to be cut, it shall be done using proper equipment (e.g. pruning saw, chain saw) under the supervision of the attending arborist.

Figure 2: Trial trench by skilled workers using hand tools exposing root architecture

- Nailing, tying or pasting of materials on trees is prohibited. The tree shall not be used

as an anchor for supporting structures during the construction.

Figure 3: Using tree as anchor may damage its bark.

Figure 4: No nails shall be driven into the tree as it promotes infiltration of pests/diseases

- Phytotoxic materials such as fuels, oils, cement, chemicals, and paint shall be kept away and stored/mixed at least 2.5m from the tree protection zone. Such chemicals can significantly change the cation exchange capacity and pH of the soil, rendering nutrient uptake inefficient and creating an environment too toxic for the roots to grow.

  Construction slug especially from piling works should not be deposited within the TPZ. Such sludge is usually high in clay content and when layered over and within the TPZ could significantly alter the water infiltration and gaseous exchange rates of the root absorption area of the tree.

Canvass sheets/Eco-mat must be laid on the existing soil near the tree in view of soil protection during the demolition, drilling or other construction activities pertaining to concrete structures.

Figure 5: Construction cement deposited at tree base.

Figure 6: Tree showing signs of decline overtime.

- Lowering the grade around trees can have an immediate and long-term effect on trees. Typically, most roots are within the top 1m of soil, and most of the fine roots active in water and nutrient absorption are in the top 300mm.

  A) Grade changes within the TPZ are not permitted.

  B) Grade changes outside the TPZ shall not significantly alter drainage.

  C) Grade changes under specifically approved circumstances shall not allow more than

200mm of fill soil or allow more than 150mm of existing soil to be removed from natural grade, unless mitigated.

D) Grade fills over 200mm or impervious overlay shall incorporate an approved permanent aeration system, permeable material, or other approved mitigation.

E) Grade cuts exceeding 150mm shall incorporate retaining walls or an appropriate transition equivalent.

No removal of the TPZ will be permitted under any circumstances.

Figure 7: Inappropriate installation/maintenance of TPZ during construction.

2.2 Proximity of Heavy machinery/vehicles

Heavy vehicles and machinery (e.g. excavators, piling cranes, 10 wheelers) movement should be limited near TPZs. Temporary access/passageways should be planned to avoid conserved trees.

Figure 8: Tree branches were severed due to the negligence of the crane operator.

2.3 Drainage Considerations

In the event that water ponding conditions develop in the course of construction due to change in grade/platform levels, construction events or any other unforeseeable factors, the contractor is required to improve drainage around or within the TPZ in consultation with the attending arborist.

2.4 Trenching, Excavation and Equipment use

Trenching, excavation or boring within the TPZ shall be limited to activities approved by the architect and/or attending Arborist. Explore alternatives for trenching outside the root zone. Avoid exposing roots during hot, dry weather. Backfill trenches as soon as possible with soil and soak with water the same day. Small roots can die in 10 to 15 minutes and large roots may not survive an hour of exposure. If the trench must be left open all roots must be kept moist by wrapping them in peat moss and burlap.

i. Root Severance

No roots greater than 0.2m in diameter shall be cut without approval of the attending Arborist. Tunneling under roots is the approved alternative. Prior to excavation for foundation/footing/walls, or grading or trenching within the TPZ, roots shall be severed cleanly outside the TPZ to the depth of the planned excavation. When roots must be cut, they shall be cut cleanly with a sharp saw to sound wood and flush with the trench site.

Figure 9: Tunneling under roots.

ii. Excavation

Any approved excavation, demolition, or extraction of material shall be performed with equipment that is placed outside the TPZ. Hand digging, hydraulic, or pneumatic excavation (e.g. air spading) are permitted methods for excavation within the TPZ.

Figure 10: Root exploratory works using an air spade. Air spading avoids damage of structural and even feeder roots of the tree.

iii. Heavy Equipment

Use of backhoes, Ditch-Witches, steal tread tractors or other heavy vehicles within the TPZ is prohibited unless approved by the attending Arborist. If allowed, a protective root buffer is required.

2.5 Tree Care

In the course of construction, the following measures may be necessary to reduce the effects of construction stress on protected trees. Quantum, duration and extent to be advised by attending arborist.

(A) Fertilization

A1 Vertical trenches and Nutrient Sinks

Create vertical trenching and nutrient sinks. These nutrient sinks should go down to at least 300mm deep and should be filled with high grade compost and 12% Humic acid (dilution 1:100). These sinks will act to reduce construction stress by conditioning the soil, increasing soil microbiological activity and increasing organic matter At least 24 numbers of vertical trenches / nutrient sinks are required for trees greater than 2m in girth. Vertical trenches for trees under 2m in girth will be

determined empirically by the attending arborist and will take into account site conditions, tree species and its pre construction vigor. Top up nutrient sinks every 3 months.

A2 Soil Injection of Biostimulants

Mandatory if TPZ has been infringed into, soil compaction has occurred, tree condition has observed to have declined (indicators: reduction in Live crown ratios, twig die back at canopy and change in leaf colour/size/density)

- **Purpose :** To de-compact soil using a hydraulic pressurized delivery of biostimulants that both hydrates and aerates at the same time. Aim to reduce compaction to less than 400psi in the first 500mm of the soil.
- Mixed bio stimulants – serves 2 functions
  Decompaction
- Humic acid – as soil conditioner and chelating agent (Nutrients are mobilized in forms that the plants can accept), facilitate release of nutrients and reduces leaching. Also improves water holding capacities of soil.
- Liquid gypsum / Dolomite – soil conditioner, improve soil structure and facilitate release of nutrients in clay soils typical of local conditions.

  To feed and increase soil microbiology to increase tree vigor post damage. Soil microbiology helps nutrient uptake and encourages healthy root growth critical to prevent construction stress.

- Mollases – High CE for immediate uptake,
- Fish Kelp – Protein source. Organic fertilisers
- Slow release fertilizers (Osmocote)

(B) Watering

- Water supplement during periods of drought.
- Watering duration and extent depends on site conditions and species.
- Watering is carried out until first signs of inundation are observed (i.e. water infiltration observe to slow down significantly).

(C) Myconate treatment

- To trigger and stimulate growth of existing mycorrhizae.

(D) Pesticide treatment

- To control pest (e.g. termites, borers, caterpillars etc) when it occurs.
- Fungicide or bacteriocide as required or as determined by attending arborist to control microbe pathogens.

(E) Additonal pruning

To be carried out in consultation with the attending Arborist. Trees are living things and may require some form of pruning during the course of the development.

- Crown cleansing- Prune to remove dead branches that may have developed through time.
- Crown lifting- Prune to lift crown to avoid new amenities.
- Crown thinning- Prune to reduce canopy branches and loading.

Structural pruning (including crown reduction) to remove branches that may obstruct new amenities and/or movement of critically necessary equipment may require the planning and standing supervision of the attending arborist.

2.6 Engaging Arboriculture Contractors

All arboriculture works should be carried out by skilled and trained arboriculture teams. As such, it is preferred that only Arboriculture contractors which have at least 8 years working experience and must show previous work experience in developments of similar size or complexity. Arboriculture contractors should meet NParks safety requirements for work at height, LTA's requirements for temporary works along roadsides (where necessary) and have a certified arborist to supervise the pruning/felling/planting works.

All arboriculture workers engaged in tree climbing and chainsaw work shall possess a valid basic tree climbing certification base upon demonstrated competence in the WSQ module conducted by CUGE or an equivalent WSQ approved training organization.

Each Arboriculture crew shall possess the following VALID competences,
Operation of chainsaw for ground work (LS-MT-103E-1)
Chainsaw safety and maintenance (LS-MT-102E-1)
Perform formative pruning of young trees (LS-MT-114E-1)
Provide Arboriculture support on site (LS-MT-116E-1)
Workplace safety and health – operators (ES-WSH-101G-1)
Respond to Emergency (LS-HM-208E-1)
Perform advance rigging and climbing techniques (LS-HM-308S-1)
Perform aerial tree access and aerial rescue skills (Ls-HM-204S-1)
Implement and apply appropriate risk and safety management to sector practices (LS-BP-301S-1)
Prepare risk assessment report (LS-HM-406S-1)
Operate and work from an elevated work platform (CUGE-ARB-3501)

POST-CONSTRUCTION

3. Soft Landscaping

Ground works, site preparation and implementation of all landscaping near protected trees must be undertaken carefully.

TPZ barriers can only be removed at this juncture for the purpose. However, when working near trees, cultivation of soils in these areas must be cautiously handled using hand tools. Planting of shrubs shall be at a distance of at least 300mm away from existing root collar.

Avoid changes to ground levels or unnecessary compaction of soils within proximity to existing trees during the course.

Figure 10: New plantings at a minimum distance of 300mm (all round) from root collar

ANNEX A

VERIFICATION OF TREE PROTECTION CHECKLIST

Note: The project contractor or construction supervisor shall verify in writing that all **preconstruction** tree preservation conditions have been met as follows:

Submitted by: _____

Company/Project: _____

Date/Time: _____

S/N	Action	Checked (✔)	Remarks
1	Installation of tree fencing around identified trees within/near site (hard material at 1.8m tall)		
2	Tree protection zone (TPZ) dimensions meets specifications (from NParks and/or attending arborist)		
3	Warning signs prominently displayed on all sides of the fencing, including designated tree number		
4	Removal of construction material (ie machinery, debris, tools etc) within TPZ		
5	Mulching of high grade compost of 100mm thick around identified trees		
6	Completion of tree pruning (if necessary) under the supervision/written approval with the attending arborist		
7	Establishment of a tree maintenance schedule according to arborist recommendations (to be submitted to attending arborist)		

Verified by (attending arborist): _____

Date/Time: _____

Appendix X

Pre-felling Tree Inspection Form

Pre-felling Tree Inspection Form							Personnel:				**Assessment criteria** **Fell**: Ready to fell, no findings of old nests **S-EM**: Fell with supervision by Environmental Manager. Possibly active nest, presence of bird's nest fern, thick vegetation, tree cavities, ground burrows, logs and debris piles. **S-ECO**: Fell with supervision by Ecologist. During bird breeding season. Possibly active nest, presence of bird's nest fern, thick vegetation, tree cavities, ground burrows, logs and debris piles. **Do not fell**: Sedentary fauna, active nest or burrow seen; bee or wasp nest.			
Inspection Date			Valid until				Weather:							
Site:			Bird breeding season (Mar – Jul)?: Y / N				Time In:		Time out:					
Tree No.	Fauna		Nests		Thick vegetation		Tree cavities		Ground burrows		Log and debris piles		Assessment	Remarks
	Details (species, behaviour, height)	Photo no.	Details (nest type, epiphytic fern, species, eggs or young present)	Photo no.	Details (climbers, oil palm, nibong palm, etc)	Photo no.	Details (species, eggs/ young present, height)	Photo no.	Details (species, eggs/ young present, height)	Photo no.	Details	Photo no.		

Appendix Y

Powered Mechanical Equipment List

Activity	Indicative Equipment/ Facility	Sound Power Level, PWL, dB(A)
Site preparatory works	40 ft Trailer	108
	Breaker	100
	Concrete pump	86
	Crane	88
	Drum Compactor	106
	Dump Truck	97
	Excavator	96
	Vibratior Pile Driver	116
	Front end loader	113
	Hand held Breaker	113
	Hand Held ChainSaw	115
	Hydraulic Foundation Drill	105
	Lorry Cranes	88
	Telehandler 5t	88
	Tracked excavator	96
	Tractor	88
	Truck mixer	97
Piling/D-wall works	Bentonite separation plant	94
	Bentonite Slurry Tanks	94
	Clean Water Tanks	108
	Colloidal Mixer (bentonite)	103
	Compressor	83
	Concrete pump	86
	Crane: Crawler 50t	88
	Dump truck	97
	D-wall rig with Grab	101
	Excavator	96
	Flat truck	97
	Generator	86
	Lime dosing plant	93
	Loader	97
	Measuring Tank & Agitator	104
	Mobile Crane	100
	Pneumatic rock drill mounted on tracked excavator	100
	Ready Mix Concrete Truck	98
	Slurry Pump	86
	Tracked excavator	96
	Truck mixer	97
	Truck Mounted Crane	88
Excavation / Reinforced Concrete Works	Concrete pump	86
	Crane crawler	88
	Dump Truck	97
	Excavator	96
	Flat truck	97
	Front end loader	113
	Generator	86
	Loader	97
	Lorry Cranes	88
	Roller	101
	Tracked excavator	96
	Truck mixer	97
Tunnelling	Air Chiller	92
	Air compressor	83
	Air Receiver	83
	Crane	88
	Excavator	96
	Gantry Crane	88
	Grout mixing plant	108
	Muckaway truck	97
	Segment Delivery	97
	Shaft hoist	101
	slurry separation plant	94
	Tunnel Boring Machine	88
	Ventilation air cooling plant	92
	Ventilation supply fans	92
	Water chiller plant	90
Construction of Permanent Structure	Compressor	83
	Concrete pump	86
	Crane	88
	Dump Truck	97
	Excavator	96
	Generator	86
	Mini Excavator	86
	Mobile Crane	100
	Ready Mix Concrete Truck	98
	Tempoary Water Pump	93
	Forklift	104
	Electric Tower Cranes	88
Reinstatement and Finishing Works	Asphalt Paver	112
	Concrete pump	86
	Crane mounted with Vibrator Pile Driver	116
	Dump Truck	97
	D-wall rig with Grab	101
	Excavator	96
	Front end loader	113
	Grader	106
	Mobile Crane	100
	Ready Mix Concrete Truck	98
	Roller	101
	Truck Mounted Crane	88
Note:: *PWL based on noise levels obtained within British Standard BS5228-1:2009*		

Appendix Z

Worksites Construction Inventory

INVENTORY LIST - A1-W1

				Activities (7am -7pm) 12 hours / LAeq(12 Hours)			Activities (7pm -10pm) 3 hours			Activities (10pm -7am) 9 hours			Activities (7am -7pm) LAeq (5min)			Activities (7pm -10pm) LAeq (1 hour)			Activities (10pm -7am) LAeq (1 hour)			Activities (7pm -10pm) LAeq (5 min)			Activities (10pm -7am) LAeq (5 min)		
Construction Activity	PME	Total No	Approximate no of months for this activity (M)	Day Time (7am - 7pm) Equipment No.	Day Time (7am - 7pm) On-Time (%)	PWL dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL dB(A)	Day Time (7am - 7pm) Equipment No.	Day Time (7am - 7pm) On-Time (%)	PWL dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL dB(A)
Site Clearance and Site Preparatory Works	Tree Saw	3	2	3	80%	114	3	80%	114	3	80%	114	3	100%	115	3	100%	115	3	100%	115	3	100%	115	3	100%	115
	Drum Compactor	1	9	1	80%	105	1	80%	105	1	80%	105	1	100%	106	1	100%	106	1	100%	106	1	100%	106	1	100%	106
	Telehandler 5t	2	9	2	80%	100	2	80%	100	2	80%	100	2	100%	101	2	100%	101	2	100%	101	2	100%	101	2	100%	101
	Tractor	1	9	1	80%	97	1	80%	97	1	80%	97	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	100%	98
	Concrete pump	1	3	1	80%	105	1	80%	105	1	80%	105	1	100%	106	1	100%	106	1	100%	106	1	100%	106	1	100%	106
	Truck mixer	1	3	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
	Tracked excavator	1	9	1	80%	105	1	80%	105	1	80%	105	1	100%	106	1	100%	106	1	100%	106	1	100%	106	1	100%	106
	Dump truck	2	9	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
	Breaker	2	9	2	80%	102	2	80%	102	2	80%	102	2	100%	103	2	100%	103	2	100%	103	2	100%	103	2	100%	103
						117			117			117			118			118			118			118			118
Piling / D-wall Works	Pneumatic rock drill mounted on tracked excavator (rock coring)	2	5	2	80%	102	2	80%	102	2	80%	102	2	100%	103	2	100%	103	2	100%	103	2	100%	103	2	100%	103
	Impact piling rig	2	5	2	80%	116	2	80%	116	2	80%	116	2	100%	117	2	100%	117	2	100%	117	2	100%	117	2	100%	117
	Bentonite separation plant	2	5	2	80%	106	2	80%	106	2	80%	106	2	100%	107	2	100%	107	2	100%	107	2	100%	107	2	100%	107
	Lime dosing plant	1	5	1	80%	92	1	80%	92	1	80%	92	1	100%	93	1	100%	93	1	100%	93	1	100%	93	1	100%	93
	Loader	1	5	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
	Tracked excavator 30t	1	5	1	80%	99	1	80%	99	1	80%	99	1	100%	100	1	100%	100	1	100%	100	1	100%	100	1	100%	100
	Dump Truck	2	5	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
	Crane: Crawler 50t	2	5	2	80%	100	2	80%	100	2	80%	100	2	100%	101	2	100%	101	2	100%	101	2	100%	101	2	100%	101
	Concrete pump	2	5	2	80%	108	2	80%	108	2	80%	108	2	100%	109	2	100%	109	2	100%	109	2	100%	109	2	100%	109
	Truck mixer	1	5	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
	Flat truck	2	5	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
						119			119			119			120			120			120			120			120
Excavation and RC Works	Tracked excavator 30t	1	8	1	80%	99	1	80%	99	1	80%	99	1	100%	100	1	100%	100	1	100%	100	1	100%	100	1	100%	100
	Dump Truck	2	8	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
	Loader	1	8	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
	Concrete pump	2	8	2	80%	108	2	80%	108	2	80%	108	2	100%	109	2	100%	109	2	100%	109	2	100%	109	2	100%	109
	Truck mixer	1	8	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
	Crane crawler 50t	2	8	2	80%	100	2	80%	100	2	80%	100	2	100%	101	2	100%	101	2	100%	101	2	100%	101	2	100%	101
	Flat truck	2	8	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
						115			115			115			116			116			116			116			116
Superstructure Construction	Electric Tower Cranes	2	6	2	80%	100	2	80%	100	2	80%	100	2	100%	101	2	100%	101	2	100%	101	2	100%	101	2	100%	101
	Air compressor	2	6	2	80%	105	2	80%	105	2	80%	105	2	100%	106	2	100%	106	2	100%	106	2	100%	106	2	100%	106
	Excavator	2	6	2	80%	108	2	80%	108	2	80%	108	2	100%	109	2	100%	109	2	100%	109	2	100%	109	2	100%	109
	Diesel Generator	3	6	3	80%	110	3	80%	110	3	80%	110	3	100%	111	3	100%	111	3	100%	111	3	100%	111	3	100%	111
	Forklift	2	6	2	80%	106	2	80%	106	2	80%	106	2	100%	107	2	100%	107	2	100%	107	2	100%	107	2	100%	107
	Dump Truck	3	6	3	80%	111	3	80%	111	3	80%	111	3	100%	112	3	100%	112	3	100%	112	3	100%	112	3	100%	112
	Diesel Mobile Cranes at Ground Level	1	6	1	80%	97	1	80%	97	1	80%	97	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	100%	98
						116			116			116			117			117			117			117			117
Utility Diversion	Excavator	1	1	1	80%	105							1	100%	106												
	Dump Truck	1	1	1	80%	106							1	100%	107												
						109									110												
Concurrent Project: PUB Water Pipeline Works at BKSR																											
Open cut. Welding/Lining	Lorry Crane/Lorry	2	18	2	25%	105							2	100%	111												
	Portable Generator	2	18	2	66%	107							2	100%	109												
	Excavator	2	18	2	66%	107							2	100%	109												
	Welding Machine	4	18	4	66%	105							4	100%	107												
	Concrete Truck	1	18	1	25%	102							1	100%	108												
						113									116												
Pipe jacking/Shaft Construction	Lorry Crane	2	9	2	25%	105							2	100%	111												
	Crawler/Mobile Crane	2	9	2	66%	111							2	100%	113												
Permanent Works/ Reinstatement	Excavators	4	9	4	66%	110							4	100%	112												
	Portable Generator	4	9	4	66%	110							4	100%	112												
	Welding Machine	2	9	2	66%	102							2	100%	104												
	Lorries	4	9	4	66%	112							4	100%	114												
	Concrete Truck	2	12	2	25%	105							2	100%	111												
						113									116												

INVENTORY LIST -A1-W2

					Activities(7am-7pm) 12 hours/ LAeq(12 hours)			Activities(7pm-10pm) 3 hours			Activities(10pm-7am) 9 hours			Activities(7am-7pm) LAeq(5min)			Activities(7pm-10pm) LAeq(1 hr)			Activities(10pm-7am) LAeq(1 hr)			Activities(7pm-10pm) LAeq(5min)			Activities(10pm-7am) LAeq(5min)		
Activity by sequence	Construction Activity	PME	Total No	Approximate no of months for this activity (M)	Day Time (7am - 7pm) Equipment No.	Day Time (7am - 7pm) On-Time (%)	PWL, dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL, dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL, dB(A)	Day Time (7am - 7pm) Equipment No.	Day Time (7am - 7pm) On-Time (%)	PWL, dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL, dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL, dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL, dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL, dB(A)
1	Site Clearance and Site Preparatory Works	Tree Saw	3	2	3	80%	115	3	80%	115	3	80%	115	3	100%	116	3	100%	116	3	100%	116	3	100%	116	3	100%	116
		Drum Compactor	1	9	1	80%	105	1	80%	105	1	80%	105	1	100%	106	1	100%	106	1	100%	106	1	100%	106	1	100%	106
		Telehandler 5t	2	9	2	80%	100	2	80%	100	2	80%	100	2	100%	101	2	100%	101	2	100%	101	2	100%	101	2	100%	101
		Tractor	1	9	1	80%	97	1	80%	97	1	80%	97	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	100%	98
		Concrete pump	1	3	1	80%	105	1	80%	105	1	80%	105	1	100%	106	1	100%	106	1	100%	106	1	100%	106	1	100%	106
		Truck mixer	1	3	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
		Tracked excavator	1	9	1	80%	105	1	80%	105	1	80%	105	1	100%	106	1	100%	106	1	100%	106	1	100%	106	1	100%	106
		Dump truck	2	9	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
		Breaker	2	9	2	80%	102	2	80%	102	2	80%	102	2	100%	103	2	100%	103	2	100%	103	2	100%	103	2	100%	103
							117			117			117			118			118			118			118			118
2	Piling / D-wall Works	Impact pilling rig	2	5	2	80%	116	2	80%	116	2	80%	116	2	100%	117	2	100%	117	2	100%	117	2	100%	117	2	100%	117
		Bentonite separation plant	2	5	2	80%	106	2	80%	106	2	80%	106	2	100%	107	2	100%	107	2	100%	107	2	100%	107	2	100%	107
		Lime dosing plant	1	5	1	80%	92	1	80%	92	1	80%	92	1	100%	93	1	100%	93	1	100%	93	1	100%	93	1	100%	93
		Loader	1	5	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
		Tracked excavator 30t	1	5	1	80%	99	1	80%	99	1	80%	99	1	100%	100	1	100%	100	1	100%	100	1	100%	100	1	100%	100
		Dump Truck	2	5	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
		Crane: Crawler 50t	2	5	2	80%	100	2	80%	100	2	80%	100	2	100%	101	2	100%	101	2	100%	101	2	100%	101	2	100%	101
		Concrete pump	2	5	2	80%	108	2	80%	108	2	80%	108	2	100%	109	2	100%	109	2	100%	109	2	100%	109	2	100%	109
		Truck mixer	1	5	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
		Flat truck	2	5	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
							119			119			119			120			120			120			120			120
3	Excavation and RC Works	Tracked excavator 30t	1	8	1	80%	99	1	80%	99	1	80%	99	1	100%	100	1	100%	100	1	100%	100	1	100%	100	1	100%	100
		Dump Truck	2	8	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
		Loader	1	8	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
		Concrete pump	2	8	2	80%	108	2	80%	108	2	80%	108	2	100%	109	2	100%	109	2	100%	109	2	100%	109	2	100%	109
		Truck mixer	1	8	1	80%	106	1	80%	106	1	80%	106	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107
		Crane crawler 50t	2	8	2	80%	100	2	80%	100	2	80%	100	2	100%	101	2	100%	101	2	100%	101	2	100%	101	2	100%	101
		Flat truck	2	8	2	80%	109	2	80%	109	2	80%	109	2	100%	110	2	100%	110	2	100%	110	2	100%	110	2	100%	110
							115			115			115			116			116			116			116			116
4	Superstructure Construction	Electric Tower Cranes	2	6	2	80%	100	2	80%	100	2	80%	100	2	100%	101	2	100%	101	2	100%	101	2	100%	101	2	100%	101
		Air compressor	2	6	2	80%	105	2	80%	105	2	80%	105	2	100%	106	2	100%	106	2	100%	106	2	100%	106	2	100%	106
		Excavator	2	6	2	80%	108	2	80%	108	2	80%	108	2	100%	109	2	100%	109	2	100%	109	2	100%	109	2	100%	109
		Diesel Generator	3	6	3	80%	110	3	80%	110	3	80%	110	3	100%	111	3	100%	111	3	100%	111	3	100%	111	3	100%	111
		Forklift	2	6	2	80%	106	2	80%	106	2	80%	106	2	100%	107	2	100%	107	2	100%	107	2	100%	107	2	100%	107
		Dump Truck	3	6	3	80%	111	3	80%	111	3	80%	111	3	100%	112	3	100%	112	3	100%	112	3	100%	112	3	100%	112
		Diesel Mobile Cranes at Ground Level	1	6	1	80%	97	1	80%	97	1	80%	97	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	100%	98
							116			116			116			117			117			117			117			117
Construction Activity at Site E																												
1	Site Clearance and Site Preparatory Works	Tree Saw	3	2	3	80%	115							3	100%	116												
		Drum Compactor	1	9	1	80%	105							1	100%	106												
		Telehandler 5t	2	9	2	80%	100							2	100%	101												
		Tractor	1	9	1	80%	97							1	100%	98												
		Concrete pump	1	3	1	80%	105							1	100%	106												
		Truck mixer	1	3	1	80%	106							1	100%	107												
		Tracked excavator	1	9	1	80%	105							1	100%	106												
		Dump truck	2	9	2	80%	109							2	100%	110												
		Breaker	2	9	2	80%	102							2	100%	103												
							117									118												
Road work																												
1. Clearance for Construction Area																												
1	a. Setting up of hoarding	Lorry Crane	2	6	2	80%	100																					
		Hand held Breaker	1	6	1	50%	118																					
2	b. Level and excavation	Front end loader	1	6	1	80%	112																					
3	c. Tree removal	Lorry Crane	1	6	1	50%	95																					
		Hand Held ChainSaw	1	6	1	50%	112																					
4	d. Debris removal	Dump Truck	1	6	1	80%	106																					
							120																					
2. Construction of Worksite Access																												
1	Levelling of road subbase	Excavator	1	6	1	80%	105	1	80%	105				1	100%	106	1	100%	106				1	100%	106			
2	Road compaction	Roller	1	6	1	80%	100	1	80%	100				1	100%	101	1	100%	101				1	100%	101			
3	Levelling works	Front end loader	1	6	1	80%	112	1	80%	112				1	100%	113	1	100%	113				1	100%	113			
4	Delivery of Mill (Premix)	Dump Truck	1	6	1	80%	106	1	80%	106				1	100%	107	1	100%	107				1	100%	107			
5	Levelling	Grader	1	6	1	80%	105	1	80%	105				1	100%	106	1	100%	106				1	100%	106			
6	Asphalt laying	Asphalt Paver	1	6	1	80%	111	1	80%	111				1	100%	112	1	100%	112				1	100%	112			
							116			116						117			117						117			
TBM (Launching to CR15, CR13)																												
1	TBM- Assemble tunneling equipment	TBM & Gantries	1	10	1	50%	95	1	50%	95	1	50%	95	1	100%	98	1	70%	96	1	70%	96	100%	98	6309573445	1	100%	98
		40T Gantry Crane	1	10	1	50%	95	1	50%	95	1	50%	95	1	100%	98	1	70%	96	1	70%	96	100%	98	6309573445	1	100%	98
		30T Excavator	1	10	1	50%	97	1	50%	97	1	50%	97	1	100%	100	1	70%	98	1	70%	98	100%	100	10000000000	1	100%	100
		Grout mixing plant	1	10	1	50%	105	1	50%	105	1	50%	105	1	100%	108	1	70%	106	1	70%	106	100%	108	6309573448	1	100%	108
		slurry separation plant	1	10	1	50%	101	1	50%	101	1	50%	101	1	100%	104	1	70%	102	1	70%	102	100%	104	25118864315	1	100%	104
		Segment Delivery	1	10	1	50%	104	1	50%	104	1	50%	104	1	100%	107	1	70%	105	1	70%	105	100%	107	50118723363	1	100%	107
		Muckaway truck	1	10	1	50%	104	1	50%	104	1	50%	104	1	100%	107	1	70%	105	1	70%	105	100%	107	50118723363	1	100%	107
		Water chiller plant	1	10	1	50%	87	1	50%	87	1	50%	87	1	100%	90	1	70%	89	1	70%	89	100%	90	1071519305	1	100%	90
		Ventilation air cooling plant	1	10	1	50%	89	1	50%	89	1	50%	89	1	100%	92	1	70%	90	1	70%	90	100%	92	1584893192	1	100%	92
		Ventilation supply fans	1	10	1	50%	89	1	50%	89	1	50%	89	1	100%	92	1	70%	90	1	70%	90	100%	92	1584893192	1	100%	92
		Shaft hoist	1	10	1	50%	98	1	50%	98	1	50%	98	1	100%	101	1	70%	99	1	70%	99	100%	101	1258925411 8	1	100%	101
		Air compressor	1	10	1	50%	100	1	50%	100	1	50%	100	1	100%	103	1	70%	101	1	70%	101	100%	103	19952623150	1	100%	103
		Air Receiver	1	10	1	50%	100	1	50%	100	1	50%	100	1	100%	103	1	70%	101	1	70%	101	100%	103	19952623150	1	100%	103
		Air Chiller	1	10	1	50%	89	1	50%	89	1	50%	89	1	100%	92	1	70%	90	1	70%	90	100%	92	1584893192	1	100%	92
		200 T crane	1	10	1	50%	96	1	50%	96	1	50%	96	1	100%	99	1	70%	97	1	70%	97	100%	99	7943282347	1	100%	99
							111			111			111			114			113			113		114	114.4300495			114
2	Lowering of TBM	Air compressor	1	10	1	50%	100	1	50%	100	1	50%	100	1	100%	103	1	70%	101	1	70%	101	100%	103	19952623150	1	100%	103
		Air Receiver	1	10	1	50%	100	1	50%	100	1	50%	100	1	100%	103	1	70%	101	1	70%	101	100%	103	19952623150	1	100%	103
		500 t crane	1	10	1	50%	103	1	50%	103	1	50%	103	1	100%	106	1	70%	104	1	70%	104	100%	106	39810717055	1	100%	106
3	TBM Main Drive	TBM & Gantries	1	10	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	100%	98	100%	98	6309573445	1	100%	98
		40T Gantry Crane	1	10	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	100%	98	100%	98	6309573445	1	100%	98
		30T Excavator	1	10	1	100%	100	1	100%	100	1	100%	100	1	100%	100	1	100%	100	1	100%	100	100%	100	10000000000	1	100%	100
		Grout mixing plant	1	10	1	100%	108	1	100%	108	1	100%	108	1	100%	108	1	100%	108	1	100%	108	100%	108	63095734448	1	100%	108
		slurry separation plant	1	10	1	100%	104	1	100%	104	1	100%	104	1	100%	104	1	100%	104	1	100%	104	100%	104	25118864315	1	100%	104
		Segment Delivery	1	10	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107	100%	107	50118723363	1	100%	107
		Muckaway truck	1	10	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	100%	107	100%	107	50118723363	1	100%	107
		Water chiller plant	1	10	1	100%	90	1	100%	90	1	100%	90	1	100%	90	1	100%	90	1	100%	90	100%	90	1071519305	1	100%	90
		Ventilation air cooling plant	1	10	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	100%	92	100%	92	1584893192	1	100%	92
		Ventilation supply fans	1	10	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	100%	92	100%	92	1584893192	1	100%	92
		Shaft hoist	1	10	1	100%	101	1	100%	101	1	100%	101	1	100%	101	1	100%	101	1	100%	101	100%	101	1258925411 8	1	100%	101
		Air compressor	1	10	1	100%	103	1	100%	103	1	100%	103	1	100%	103	1	100%	103	1	100%	103	100%	103	19952623150	1	100%	103
		Air Receiver	1	10	1	100%	103	1	100%	103	1	100%	103	1	100%	103	1	100%	103	1	100%	103	100%	103	19952623150	1	100%	103
		Air Chiller	1	10	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	100%	92	100%	92	1584893192	1	100%	92
							115			115			115			115			115			115		115	115.4295962			115

INVENTORY LIST - CR13 Retrieval Shaft and Underpinning Works at Peirce Secondary School

					Activities (7am -7pm) 12 hours / $L_{Aeq(12\ Hours)}$			Activities (7pm -10pm) 3 hours			Activities (10pm -7am) 9 hours			Activities (7am -7pm) LAeq (5min)			Activities (7pm -10pm) LAeq (1 hour)			Activities (10pm -7am) LAeq (1 hour)			Activities (7pm -10pm) LAeq (5 hour)			Activities (10pm -7am) LAeq (5 hour)		
Activity by sequence	Construction Activity	PME	Total No	Approximate no of months for this activity	Day Time (7am - 7pm) Equipment No.	Day Time (7am - 7pm) On-Time (%)	PWL, dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL, dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL, dB(A)	Day Time (7am - 7pm) Equipment No.	Day Time (7am - 7pm) On-Time (%)	PWL, dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL, dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL, dB(A)	Evening Time (7pm - 10pm) Equipment No.	Evening Time (7pm - 10pm) On - Time (%)	PWL, dB(A)	Night Time (10pm - 7am) Equipment No.	Night Time (10pm - 7am) On - Time (%)	PWL, dB(A)
1. Clearance for Construction Area																												
1	a. Setting up of hoarding	Lorry Cranes	2	6	2	80%	90	-	-		-	-		2	100%	91	-	-		-	-		-	-		-	-	
		Hand held Breaker	1	6	1	50%	110	-	-		-	-		1	100%	113	-	-		-	-		-	-		-	-	
2	b. Level and excavation	Front end loader	1	6	1	80%	112	-	-		-	-		1	100%	113	-	-		-	-		-	-		-	-	
3	c. Tree removal	Lorry Cranes	1	6	1	50%	85	-	-		-	-		1	100%	88	-	-		-	-		-	-		-	-	
		Hand Held ChainSaw	1	6	1	50%	112	-	-		-	-		1	100%	115	-	-		-	-		-	-		-	-	
4	d. Debris removal	Dump Truck	1	6	1	80%	96	-	-		-	-		1	100%	97	-	-		-	-		-	-		-	-	
							116									119												
2. TERS-Temporary Earth Retaining System (Sheet piling/ Contiguous Bored Pile-CBP)																												
1	Mobilizing of Hoarding boards, Delivery of decking	Lorry Cranes	1	2	1	50%	85	1	50%	85	-	-		1	100%	88	1	70%	86				1	100%	88			
2	Delivery of rebar, sheel piles , king post, decking	40 ft Trailer	1	2	1	50%	105	1	50%	105	-	-		1	100%	108	1	70%	106				1	100%	108			
3	Installation of King post of decking support	Hydraulic Foundation Drill	1	2	1	50%	102	-	-		-	-		1	100%	105	-	-					-					
4	Excavation of working platfrom	Excavator	1	2	1	50%	93	1	50%	93	-	-		1	100%	96	1	70%	94				1	100%	96			
5	Installation of decking	Crane	1	2	1	50%	85	1	50%	85	-	-		1	100%	88	1	70%	86				1	100%	88			
							107			105						110			107						108			
3. Levelling (Cut and Fill) to Work Platform Level																												
1	for ECM supply	Generator	1	18	1	100%	86	1	100%	86	1	100%	86	1	100%	86	1	70%	84	1	100%	86	1	100%	86	1	100%	86
2	Removal of Spoils and delivery of Hard Core	Dump Truck	1	18	1	30%	92	1	30%	92	-	-		1	100%	97	1	70%	95				1	100%	97			
3	Levelling of working platform	Front end loader	1	18	1	30%	108	-	-		-	-		1	100%	113	-	-					-	-		-	-	
4	Excavation to platform level & ECM trenches	Excavator	3	18	3	50%	98	-	-		-	-		3	100%	101	-	-					-	-		-	-	
5	Platform preparation	Roller	1	18	1	40%	97	-	-		-	-		1	100%	101	-	-					-	-		-	-	
6	Delivery of Steel plates and materials	Lorry Cranes	1	18	1	50%	85	-	-		-	-		1	100%	88	-	-					-	-		-	-	
7	Spoil removal	Dump Truck	3	18	1	50%	94	-	-		-	-		1	100%	97	-	-					-	-		-	-	
							109			93			86			114			96			86			97			86
4 Station ERSS - Installation of D Wall/ SBP/ Sheet Pile																												
1	Excavation of D wall Trenches	D-wall rig with Grab	3	18	3	80%	105	3	80%	105	-	-		3	100%	106	3	70%	104				3	100%	106			
2	To Hoist Tremie Pipe & Re-bar D wall Cages	Truck Mounted Crane	1	18	1	80%	87	1	80%	87	-	-		1	100%	88	1	70%	86				1	100%	88			
3	Handle tremie pipe & re-bar	Mobile Crane	1	18	1	80%	99	1	80%	99	-	-		1	100%	100	1	70%	98				1	100%	100			
4	For casting wall	Ready Mix Concrete Truck	1	18	1	50%	95	1	50%	95	-	-		1	100%	98	1	70%	96				1	100%	98			
5	Concreting works	Concrete pump	1	18	1	50%	83	1	50%	83	-	-		1	100%	86	1	70%	84				1	100%	86			
6	Batching Plant	Colloidal Mixer (bentonite)		18			-	-	-		-	-				-	-	-					-	-				
		Compressor		18			-	-	-		-	-				-	-	-					-	-				
		Generator		18			-	-	-		-	-				-	-	-					-	-				
		Ripple Screen (included in STP)	1	18	1	80%	81	1	80%	81	-	-		1	100%	82	1	70%	80				1	100%	82			
		Measuring Tank & Agitator		18			-	-	-		-	-				-	-	-					-	-				
		Slurry Pump		18			-	-	-		-	-				-	-	-					-	-				
		Clean Water Tanks		18			-	-	-		-	-				-	-	-					-	-				
		Bentonite Slurry Tanks		18			-	-	-		-	-				-	-	-					-	-				
7	Earth Removal from Tanks	Excavator	1	18	1	50%	93	1	50%	93	-	-		1	100%	96	1	70%	94				1	100%	96			
8	Spoil & slurry disposal	Dump Truck	1	18	1	50%	94	1	50%	94	-	-		1	100%	97	1	70%	95				1	100%	97			
							107			107						108			107						108			
5. Installation of Wallers & Struts/Stage excavation																												
1	Hot works - welding of steel beams, brackets, etc	Welding Equipment	3	18	1	100%	81	1	100%	81	1	100%	81	1	100%	81	1	70%	79	1	70%	79	1	100%	81	1	100%	81
2	Delivery ofSteel sections	40 ft Trailer	1	18	1	50%	105	1	50%	105	1	50%	105	1	100%	108	1	70%	106	1	70%	106	1	100%	108	1	100%	108
3	Hoisting of Waler & Struts	Mobile Crane	1	18	1	80%	99	1	80%	99	1	80%	99	1	100%	100	1	70%	98	1	70%	98	1	100%	100	1	100%	100
4	Stage excavation for walers & struts	Crane	1	18	1	80%	87	1	80%	87	1	80%	87	1	100%	88	1	70%	86	1	70%	86	1	100%	88	1	100%	88
5	Stage Excavation	Excavator	2	18	2	80%	98	2	80%	98	2	80%	98	2	100%	99	2	70%	97	2	70%	97	2	100%	99	2	100%	99
6	Stage Excavation	Mini Excavator	2	18	2	80%	88	2	80%	88	2	80%	88	2	100%	89	2	70%	87	2	70%	87	2	100%	89	2	100%	89
7	Spoi and slurry removal	Dump truck	4	18	4	80%	102	4	80%	102	4	80%	102	4	100%	103	4	70%	101	4	70%	101	4	100%	103	4	100%	103
							108			108			108			110			109			109			110			110
6. TBM Receiving Shaft (Receiving From A1-W2)																												
		TBM & Gantries	1	10	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	70%	96	1	70%	96	1	100%	98	1	100%	98
		40T Gantry Crane	1	10	1	100%	98	1	100%	98	1	100%	98	1	100%	98	1	70%	96	1	70%	96	1	100%	98	1	100%	98
		30T Excavator	1	10	1	100%	100	1	100%	100	1	100%	100	1	100%	100	1	70%	98	1	70%	98	1	100%	100	1	100%	100
		Grout mixing plant	1	10	1	100%	108	1	100%	108	1	100%	108	1	100%	108	1	70%	106	1	70%	106	1	100%	108	1	100%	108
		slurry separation plant	1	10	1	100%	104	1	100%	104	1	100%	104	1	100%	104	1	70%	102	1	70%	102	1	100%	104	1	100%	104
		Muckaway trucks	1	10	1	100%	107	1	100%	107	1	100%	107	1	100%	107	1	70%	105	1	70%	105	1	100%	107	1	100%	107
1	TBM Tunnel Recovery	Water chiller plant	1	10	1	100%	90	1	100%	90	1	100%	90	1	100%	90	1	70%	89	1	70%	89	1	100%	90	1	100%	90
		Ventilation air cooling plant	1	10	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	70%	90	1	70%	90	1	100%	92	1	100%	92
		Ventilation supply fans	1	10	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	70%	90	1	70%	90	1	100%	92	1	100%	92
		Shaft hoist	1	10	1	100%	101	1	100%	101	1	100%	101	1	100%	101	1	70%	99	1	70%	99	1	100%	101	1	100%	101
		Air compressor	1	10	1	100%	103	1	100%	103	1	100%	103	1	100%	103	1	70%	101	1	70%	101	1	100%	103	1	100%	103
		Air Receiver	1	10	1	100%	103	1	100%	103	1	100%	103	1	100%	103	1	70%	101	1	70%	101	1	100%	103	1	100%	103
		Air Chiller	1	10	1	100%	92	1	100%	92	1	100%	92	1	100%	92	1	70%	90	1	70%	90	1	100%	92	1	100%	92
		40T Gantry Crane	1	10	1	50%	95	1	50%	95	1	50%	95	1	100%	98	1	70%	96	1	70%	96	1	100%	98	1	100%	98
		HDPE Delivery	1	10	1	50%	105	1	50%	105	1	50%	105	1	100%	108	1	70%	106	1	70%	106	1	100%	108	1	100%	108
		Ventilation air cooling plant	1	10	1	50%	89	1	50%	89	1	50%	89	1	100%	92	1	70%	90	1	70%	90	1	100%	92	1	100%	92
2	Tunnel CPL Lining	Ventilation supply fans	1	10	1	50%	89	1	50%	89	1	50%	89	1	100%	92	1	70%	90	1	70%	90	1	100%	92	1	100%	92
		Shaft hoist	1	10	1	50%	98	1	50%	98	1	50%	98	1	100%	101	1	70%	99	1	70%	99	1	100%	101	1	100%	101
		Air compressor	1	10	1	50%	100	1	50%	100	1	50%	100	1	100%	103	1	70%	101	1	70%	101	1	100%	103	1	100%	103
		Air Receiver	1	10	1	50%	100	1	50%	100	1	50%	100	1	100%	103	1	70%	101	1	70%	101	1	100%	103	1	100%	103
							114			114			114			115			114			114			115			115
7. Construction of Permanent Structure																												
1	Pumping of water from ground or rain	Tempoary Water Pump	4	12	1	100%	93	1	100%	93	1	100%	93	1	100%	93	1	70%	91	1	70%	91	1	100%	93	1	100%	93
2	Power supply for lighting , pumps and temporary ventilation fans	Generator	3	12	1	100%	86	1	100%	86	1	100%	86	1	100%	86	1	70%	84	1	70%	84	1	100%	86	1	100%	86
3	Excavation below surface for working platform	Excavator	1	12	1	50%	93	1	50%	93	1	50%	93	1	100%	96	1	70%	94	1	70%	94	1	100%	96	1	100%	96
4	Stage Excavation to prepare Lean concrete	Mini Excavator	2	12	2	80%	88	2	80%	88	2	80%	88	2	100%	89	2	70%	87	2	70%	87	2	100%	89	2	100%	89
5	Excavation below surface - removal of spoil	Crane	1	12	1	50%	85	1	50%	85	1	50%	85	1	100%	88	1	70%	86	1	70%	86	1	100%	88	1	100%	88
6	Spoil removal	Dump Truck	1	12	1	50%	94	1	50%	94	1	50%	94	1	100%	97	1	70%	95	1	70%	95	1	100%	97	1	100%	97
8	Air compressor for cleaning formwork before casting	Compressor	1	12	1	50%	80	1	50%	80	1	50%	80	1	100%	83	1	70%	81	1	70%	81	1	100%	83	1	100%	83
7	Handle re-bar & hoisting of false work, scaffolding, temporary working platforms	Mobile Crane	1	12	1	50%	97	1	50%	97	1	50%	97	1	100%	100	1	70%	98	1	70%	98	1	100%	100	1	100%	100
8	For Casting	Ready Mix Concrete Truck	1	12	1	50%	95	1	50%	95	1	50%	95	1	100%	98	1	70%	96	1	70%	96	1	100%	98	1	100%	98
9	For Casting	Concrete pump	1	12	1	50%	83	1	50%	83	1	50%	83	1	100%	86	1	70%	84	1	70%	84	1	100%	86	1	100%	86
							102			102			102			105			103			103			105			105
8. Resintatement of Work & Exiting Road																												
1	Levelling of road subbase, base	Excavator	1	6	1	80%	95	1	80%	95	-	-		1	100%	96	1	70%	94				1	100%	96			
2	Road compaction	Roller	1	6	1	80%	100	1	80%	100	-	-		1	100%	101	1	70%	99				1	100%	101			
3	Levelling works	Front end loader	1	6	1	80%	112	1	80%	112	-	-		1	100%	113	1	70%	111				1	100%	113			
4	Delivery of Mill (Premix)	Dump Truck	1	6	1	80%	96	1	80%	96	-	-		1	100%	97	1	70%	95				1	100%	97			
5	Levelling	Grader	1	6	1	80%	105	1	80%	105	-	-		1	100%	106	1	70%	104				1	100%	106			
6	Asphalt laying	Asphalt Paver	1	6	1	80%	111	1	80%	111	-	-		1	100%	112	1	70%	110				1	100%	112			
							115			115						116			115						116			
9. Entrances - Construction of D Wall & Sheet piles																												
1	Excavation of D wall Trenches	D-wall rig with Grab	1	6	1	80%	100	-	-		-	-		1	100%	101	-	-										
2	To Hoist Tremie Pipe & Re-bar D wall Cages	Truck Mounted Crane	1	6	1	80%	87	-	-		-	-		1	100%	88	-	-										
3	Handle tremie pipe & re-bar	Mobile Crane	1	6	1	80%	99	-	-		-	-		1	100%	100	-	-										
2	For casting wall	Ready Mix Concrete Truck	1	6	1	80%	97	-	-		-	-		1	100%	98	-	-										
3	Concreting works	Concrete pump	1	6	1	80%	85	-	-		-	-		1	100%	86	-	-										
4	Spoil & slurry disposal	Dump Truck	1	6	1	80%	96	-	-		-	-		1	100%	97	-	-										
5	Delivery of rebar, sheel piles , king post, decking	40 ft Trailer	1	6	1	50%	105	-	-		-	-		1	100%	108	-	-										
							108									110												
10. Utilities Diersion Works																												
1	Utilities Divarsion	Excavator	1	1	1	80%	105							1	100%	106												
2		Dump Truck	1	1	1	80%	106							1	100%	107												
							109									110												

Note:

Appendix AA

Airborne Noise Criteria Correction Calculation

Background Noise Correction Calculations for $L_{Aeq(12hrs)}$, dB

Types of Affected Buildings	Noise Criteria for $L_{Aeq(12hrs)}$, dB (Monday to Saturday)												Noise Criteria for $L_{Aeq(12hrs)}$, dB (Sunday & Public Holiday)											
	NM08		NM09		NM10		NM11		NM12		NM13		NM08		NM09		NM10		NM11		NM12		NM13	
	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am	7am – 7pm	7pm – 7am
(a) Hospitals, schools, institutions of higher learning, homes for the aged or sick etc.																								
Construction noise criteria	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50
Overall baseline noise level	54	47	56	55	59	51	59	57	55	48	57	49	50	40	55	53	53	50	54	51	52	47	57	49
Difference between maximum permissible construction noise level and overall baseline noise level	6	3	4	5	1	1	1	7	5	2	3	1	10	10	5	3	7	0	6	1	8	3	3	1
Background noise correction factor	1	2	1	1	3	3	3	1	1	2	2	3	0	0	1	2	1	3	1	3	1	2	2	3
Corrected noise sensitive receptor criteria	61	52	61	56	63	54	63	58	61	52	62	53	60	50	61	55	61	53	61	54	61	52	62	53
(b) Residential buildings located less than 150 m from the construction site where the noise is being emitted																								
Construction noise criteria	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA
Overall baseline noise level	54	47	56	55	59	51	59	57	55	48	57	49	50	40	55	53	53	50	54	51	52	47	57	49
Difference between maximum permissible construction noise level and overall baseline noise level	21	NA	19	NA	16	NA	16	NA	20	NA	18	NA	25	NA	20	NA	22	NA	21	NA	23	NA	18	NA
Background noise correction factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corrected noise sensitive receptor criteria	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	NA	75	51	75	NA	75	NA
(c) Buildings (other than those in paragraphs (a) and (b))																								
Construction noise criteria	75	65	75	65	75	65	75	65	75	65	75	65	75	65	75	65	75	65	75	65	75	65	75	65
Overall baseline noise level	54	47	56	55	59	51	59	57	55	48	57	49	50	40	55	53	53	50	54	51	52	47	57	49
Difference between maximum permissible construction noise level and overall baseline noise level	21	18	19	10	16	14	16	8	20	17	18	16	25	25	20	12	22	15	21	14	23	18	18	16
Background noise correction factor	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corrected noise sensitive receptor criteria	75	65	75	65	75	65	75	66	75	65	75	65	75	65	75	65	75	65	75	65	75	65	75	65

Background Noise Correction Calculations for LAeq(1hr), dB

Types of Affected Buildings	Noise Criteria for $L_{Aeq(1hr)}$, dB (Monday to Saturday)												Noise Criteria for $L_{Aeq(1hr)}$, dB (Sunday & Public Holiday)											
	NM08		NM09		NM10		NM11		NM12		NM13		NM08		NM09		NM10		NM11		NM12		NM13	
	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am	7pm – 10pm	10pm – 7am
(b) Residential buildings located less than 150 m from the construction site where the noise is being emitted																								
Construction noise criteria	65	55	65	55	65	55	65	55	65	55	65	55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Overall baseline noise level	50	40	57	52	53	49	56	53	49	46	52	47	42	39	55	51	52	49	51	51	52	49	51	51
Difference between maximum permissible construction noise level and overall baseline noise level	15	15	8	3	12	6	9	2	16	9	13	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Background noise correction factor	0	0	1	2	0	1	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Corrected noise sensitive receptor criteria	65	55	66	57	65	56	66	57	65	56	65	56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Types of Affected Buildings	Noise Criteria for $L_{Aeq(5mins)}$, dB (Monday to Saturday)																		Noise Criteria $L_{Aeq(5mins)}$, dB (Sunday & Public Holiday)																	
	NM08			NM09			NM10			NM11			NM12			NM13			NM08			NM09			NM10			NM11			NM12			NM13		
	7am – 7pm	7pm – 7am	10pm – 7am	7am – 7pm	7pm – 10pm	10pm – 7am	7am – 7pm	7pm – 10pm	10pm – 7am	7am – 7pm	7pm – 7am	10pm – 7am	7am – 7pm	7pm – 7am	10pm – 7am	7am – 7pm	7pm – 7am	10pm – 7am	7am – 7pm	7pm – 7am	10pm – 7am	7am – 7pm	7pm – 10pm	10pm – 7am	7am – 7pm	7pm – 10pm	10pm – 7am	7am – 7pm	7pm – 7am	10pm – 7am	7am – 7pm	7pm – 10pm	10pm – 7am	7am – 7pm	7pm – 7am	10pm – 7am
(a) Hospitals, schools, institutions of higher learning, homes for the aged or sick etc.																																				
Construction noise criteria	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55
Overall baseline noise level	51	49	39	56	56	51	57	53	49	55	55	53	52	48	46	52	52	47	48	41	38	55	55	51	53	52	49	51	50	51	51	46	48	52	48	48
Difference between maximum permissible construction noise level and overall baseline noise level	24	6	16	19	1	4	18	2	6	20	0	2	23	7	9	23	3	8	27	14	17	20	0	4	22	3	6	24	5	4	24	9	7	23	7	7
Background noise correction factor	0	1	0	0	3	2	0	2	1	0	3	2	0	1	1	0	2	1	0	0	0	0	3	1	0	2	1	0	1	1	0	1	1	0	1	1
Corrected noise sensitive receptor criteria	75	56	55	75	59	57	75	57	56	75	58	57	75	56	56	75	57	56	75	55	55	75	58	56	75	57	56	75	56	56	75	56	56	75	56	56
(b) Residential buildings located less than 150 m from the construction site where the noise is being emitted																																				
Construction noise criteria	90	70	55	90	70	55	90	70	55	90	70	55	90	70	55	90	70	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55	75	55	55
Overall baseline noise level	51	49	39	56	56	51	57	53	49	55	55	53	52	48	46	52	52	47	48	41	38	55	55	51	53	52	49	51	50	51	51	46	48	52	48	48
Difference between maximum permissible construction noise level and overall baseline noise level	39	21	16	34	14	4	33	17	6	35	15	2	38	22	9	38	18	8	27	14	17	20	0	4	22	3	6	24	5	4	24	9	7	23	7	7
Background noise correction factor	0	0	0	0	0	2	0	0	1	0	0	2	0	0	1	0	0	1	0	0	0	0	3	1	0	2	1	0	1	1	0	1	1	0	1	1
Corrected noise sensitive receptor criteria	90	70	55	90	70	57	90	70	56	90	70	57	90	70	56	90	70	56	75	55	55	75	58	56	75	57	56	75	56	56	75	56	56	75	56	56
(c) Buildings (other than those in paragraphs (a) and (b))																																				
Construction noise criteria	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70
Overall baseline noise level	51	49	39	56	56	51	57	53	49	55	55	53	52	48	46	52	52	47	48	41	38	55	55	51	53	52	49	51	50	51	51	46	48	52	48	48
Difference between maximum permissible construction noise level and overall baseline noise level	39	21	31	34	14	19	33	17	21	35	15	17	38	22	24	38	18	23	42	29	32	35	15	19	37	18	21	39	20	19	39	24	22	38	22	22
Background noise correction factor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corrected noise sensitive receptor criteria	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70	90	70	70

Project Criteria for Construction Noise Impact Assessment

No	Types of Affected Buildings	Noise Criteria for $L_{Aeq(12hours)}$, dB		Noise Criteria for $L_{Aeq(1hr)}$, dB		Noise Criteria for $L_{Aeq(5mins)}$, dB		
		7am - 7pm	7pm - 7am	7pm - 10pm	10pm - 7am	7am - 7pm	7pm - 10pm	10pm - 7am
Monday to Saturday								
NM07	(a) Noise Sensitive	63	58	NA	NA	75	60	58
	(b) Residential	75	NA	66	58	90	70	58
	(c) Others	75	66	NA	NA	90	70	70
NM08	(a) Noise Sensitive	61	52	NA	NA	75	56	55
	(b) Residential	75	NA	65	55	90	70	55
	(c) Others	75	65	NA	NA	90	70	70
NM09	(a) Noise Sensitive	61	56	NA	NA	75	59	57
	(b) Residential	75	NA	66	57	90	70	57
	(c) Others	75	65	NA	NA	90	70	70
NM10	(a) Noise Sensitive	63	54	NA	NA	75	57	56
	(b) Residential	75	NA	65	56	90	70	56
	(c) Others	75	65	NA	NA	90	70	70
NM11	(a) Noise Sensitive	63	58	NA	NA	75	58	57
	(b) Residential	75	NA	66	57	90	70	57
	(c) Others	75	66	NA	NA	90	70	70
NM12	(a) Noise Sensitive	61	52	NA	NA	75	56	56
	(b) Residential	75	NA	65	56	90	70	56
	(c) Others	75	65	NA	NA	90	70	70
NM13	(a) Noise Sensitive	62	53	NA	NA	75	57	56
	(b) Residential	75	NA	65	56	90	70	70
	(c) Others	75	65	NA	NA	90	70	70

No	Types of Affected Buildings	Noise Criteria for $L_{Aeq(12hours)}$, dB		Noise Criteria for $L_{Aeq(5mins)}$, dB		
		7am - 7pm	7pm - 7am	7am - 7pm	7pm - 10pm	10pm - 7am
Sunday and Public Holiday						
NM07	(a) Noise Sensitive	63	57	75	60	58
	(b) Residential	75	NA	75	60	58
	(c) Others	75	66	90	70	70
NM08	(a) Noise Sensitive	60	50	75	55	55
	(b) Residential	75	NA	75	55	55
	(c) Others	75	65	90	70	70
NM09	(a) Noise Sensitive	61	55	75	58	56
	(b) Residential	75	NA	75	58	56
	(c) Others	75	65	90	70	70
NM10	(a) Noise Sensitive	61	52	75	56	56
	(b) Residential	75	NA	75	56	56
	(c) Others	75	65	90	70	70
NM11	(a) Noise Sensitive	62	53	75	56	56
	(b) Residential	75	NA	75	56	56
	(c) Others	75	65	90	70	70
NM12	(a) Noise Sensitive	61	52	75	56	56
	(b) Residential	75	NA	75	56	56
	(c) Others	75	65	90	70	70
NM13	(a) Noise Sensitive	62	53	75	56	56
	(b) Residential	75	NA	75	56	56
	(c) Others	75	65	90	70	70

Background Noise Correction Calculations for LAeq(15min), dB

Type of Affected Premises	Noise Criteria for $L_{Aeq(15mins)}$, dB																	
	NM08			NM09			NM10			NM11			NM12			NM13		
	7am - 7pm	7pm - 11pm	11pm - 7am	7am - 7pm	7pm - 11pm	11pm - 7am	7am - 7pm	7pm - 11pm	11pm - 7am	7am - 7pm	7pm - 11pm	11pm - 7am	7am - 7pm	7pm - 11pm	11pm - 7am	7am - 7pm	7pm - 11pm	11pm - 7am
Noise Sensitive Premises such as hospital, home for the aged sick, library, etc.																		
Construction noise criteria	60	55	50	60	55	50	60	55	50	60	55	50	60	55	50	60	55	50
Overall baseline noise level	51	47	39	56	56	51	57	52	49	55	55	52	52	48	46	53	51	46
Difference between maximum permissible construction noise level and overall baseline noise level	9	8	11	4	1	1	3	3	1	5	0	2	8	7	4	7	4	4
Background noise correction factor	1	1	0	1	3	3	2	2	3	1	3	3	1	1	1	1	1	2
Corrected noise sensitive receptor criteria	61	56	50	61	59	54	62	57	53	61	58	55	61	56	51	61	56	52
Residential Premises																		
Construction noise criteria	65	60	55	65	60	55	65	60	55	65	60	55	65	60	55	65	60	55
Overall baseline noise level	51	47	39	56	56	51	57	52	49	55	55	52	52	48	46	53	51	46
Difference between maximum permissible construction noise level and overall baseline noise level	14	13	16	9	4	4	8	8	6	10	5	3	13	12	9	12	9	9
Background noise correction factor	0	0	0	1	1	1	1	1	1	1	1	2	0	0	1	0	1	1
Corrected noise sensitive receptor criteria	65	60	55	66	61	56	66	61	56	66	61	57	65	60	56	65	61	56
Others																		
Construction noise criteria	70	65	60	70	65	60	70	65	60	70	65	60	70	65	60	70	65	60
Overall baseline noise level	51	47	39	56	56	51	57	52	49	55	55	52	52	48	46	53	51	46
Difference between maximum permissible construction noise level and overall baseline noise level	19	18	21	14	9	9	13	13	11	15	10	8	18	17	14	17	14	14
Background noise correction factor	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0
Corrected noise sensitive receptor criteria	70	65	60	70	66	61	70	65	60	70	66	61	70	65	60	70	65	60

Project Criteria for Operation Noise Impact Assessment

No	Type of Affected Premises	Noise Criteria for $L_{Aeq(15mins)}$, dB		
		7am - 7pm	7pm - 11pm	11pm - 7am
NM08	Noise Sensitive Premises such as hospital, home for the aged sick, library, etc.	61	56	50
	Residential Premises	65	60	55
	Others	70	65	60
NM09	Noise Sensitive Premises such as hospital, home for the aged sick, library, etc.	61	59	54
	Residential Premises	66	61	56
	Others	70	66	61
NM10	Noise Sensitive Premises such as hospital, home for the aged sick, library, etc.	61	56	51
	Residential Premises	65	60	56
	Others	70	65	60
NM11	Noise Sensitive Premises such as hospital, home for the aged sick, library, etc.	61	56	52
	Residential Premises	65	61	56
	Others	70	65	60
NM12	Noise Sensitive Premises such as hospital, home for the aged sick, library, etc.	61	56	51
	Residential Premises	65	60	56
	Others	70	65	60
NM13	Noise Sensitive Premises such as hospital, home for the aged sick, library, etc.	61	56	52
	Residential Premises	65	61	56
	Others	70	65	60

Appendix BB

Specification of Erosion Control Mats

Appendix BB Specification of Erosion Control Mats

Specification of Erosion Control Mats (ECM)

Any ECM that is required on site should follow specifications below:

1. Should not have potential to trap any fauna. Snakes are commonly trapped in nylon mesh as the mesh are ridge and non-expandable, making it harder for fauna to escape or wriggle free once trapped (Figure 1).
2. Completely biodegradable which means no nylon mesh ECM should be used. This is because ECM are frequently left on site long after the completion of the development and thus would still have the potential to trap fauna. Recommended to use jute/coconut husk mesh to replace nylon mesh (Figure 2).

Figure 1. Case study of the use of plastic mesh ECM.

Figure 2. Comparison of nylon mesh ECM and completely biodegradable ECM.

Appendix CC

Vibration Impact Predictions and Assessment Details

The study assesses the predicted vibration levels against the impact intensity matrix outlined in Table 1.

Table 1 Impact Intensity Assessment for Construction and Operational Vibration

Area Affected (ha)	Impact Intensity				
6 < area	Negligible	Low	Medium	High	High
4.8 < area ≤ 6	Negligible	Low	Medium	Medium	High
2.4 < area ≤ 4.8	Negligible	Low	Low	Medium	High
1.2 < area ≤ 2.4	Negligible	Negligible	Low	Medium	Medium
0 < area ≤ 1.2	Negligible	Negligible	Low	Medium	Medium
Ambient Level	Ambient to T1	T1 to T2	T2 to T3	T3 to T4	> T4

The summary of the construction vibration impact assessment results with reference to impact intensity criteria in Table 1 are listed from Table 2 to Table 3.

Table 2 Summary of Construction Vibration Impact Assessment Results at Windsor

Construction Vibration Impact Assessment at Windsor	Max PPV Outside Worksite and Within Priority 1 Habitat (Windsor), mm/s	Fauna Receptor Classification	Impact Intensity	Impact Consequence	Likelihood	Impact Significance
A1-W1 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 1.7 kg	9.36	1	Medium	Medium	Certain	Major
A1-W1 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 1.7 kg		2	Medium	Low	Certain	Moderate
A1-W1 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 1.7 kg		3	Medium	Very Low	Certain	Minor
A1-W1 Worksite (Rock Breaking and Excavation) using the T207 Equation approach, MIC = 2.9 kg	10.8	1	Medium	Medium	Certain	Major
A1-W1 Worksite (Rock Breaking and Excavation) using the T207 Equation approach, MIC = 2.9 kg		2	Medium	Low	Certain	Moderate
A1-W1 Worksite (Rock Breaking and Excavation) using the T207 Equation approach, MIC = 2.9 kg		3	Medium	Very Low	Certain	Minor
A1-W1 Worksite (Rotary Bore Piling) base / mitigated scenario	0.3	1	Medium	Medium	Possible	Moderate
A1-W1 Worksite (Rotary Bore Piling) base / mitigated scenario		2	Negligible	Imperceptible	Possible	Negligible
A1-W1 Worksite (Rotary Bore Piling) base / mitigated scenario		3	Not Impacted	Not Impacted	Possible	Not Impacted
A1-W1 Worksite (Bulldozer) base scenario	0.3	1	Medium	Medium	Possible	Moderate
A1-W1 Worksite (Bulldozer) base scenario		2	Medium	Low	Possible	Minor
A1-W1 Worksite (Bulldozer) base scenario		3	Medium	Very Low	Possible	Minor
A1-W1 Worksite (Bulldozer) mitigated scenario	1.0	1	Medium	Medium	Possible	Moderate
A1-W1 Worksite (Bulldozer) mitigated scenario		2	Medium	Low	Possible	Minor
A1-W1 Worksite (Bulldozer) mitigated scenario		3	Medium	Very Low	Possible	Minor
Windsor (Tunnel Boring) base / mitigated scenario (BS Method)	0.8	1	Medium	Medium	Certain	Major
Windsor (Tunnel Boring) base / mitigated scenario (BS Method)		2	Medium	Low	Certain	Moderate
Windsor (Tunnel Boring) base / mitigated scenario (BS Method)		3	Medium	Very Low	Certain	Minor
Windsor (Tunnel Boring) base (Esvelt Method)	0.5	1	Low	Low	Certain	Moderate
Windsor (Tunnel Boring) base (Esvelt Method)		2	Medium	Low	Certain	Moderate

Construction Vibration Impact Assessment at Windsor	Max PPV Outside Worksite and Within Priority 1 Habitat (Windsor), mm/s	Fauna Receptor Classification	Impact Intensity	Impact Consequence	Likelihood	Impact Significance
Windsor (Tunnel Boring) base (Esvelt Method)		3	Medium	Very Low	Certain	Minor
Windsor (Tunnel Boring) mitigated scenario (Esvelt Method)	0.4	1	Medium	Medium	Certain	Major
Windsor (Tunnel Boring) mitigated scenario (Esvelt Method)		2	Medium	Low	Certain	Moderate
Windsor (Tunnel Boring) mitigated scenario (Esvelt Method)		3	Medium	Very Low	Certain	Minor
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 1 (base / mitigated scenario)	0.1	1	Negligible	Very Low	Certain	Minor
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 1 (base / mitigated scenario)		2	Negligible	Imperceptible	Certain	Negligible
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 1 (base / mitigated scenario)		3	Negligible	Imperceptible	Certain	Negligible
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 2 (base / mitigated scenario)	0.4	1	Low	Low	Certain	Moderate
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 2 (base / mitigated scenario)		2	Low	Very Low	Certain	Minor
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 2 (base / mitigated scenario)		3	Low	Very Low	Certain	Minor
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 3 (base / mitigated scenario)	0.2	1	Low	Low	Certain	Moderate
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 3 (base / mitigated scenario)		2	Low	Very Low	Certain	Minor
Windsor (Tunnel Boring) Specific - Esvelt Predictions Spot 3 (base / mitigated scenario)		3	Low	Very Low	Certain	Minor

Table 3 Summary of Construction Vibration Impact Assessment Results at Eng Neo Avenue Forest and Forested Area Adjacent to Fairways Quarters

Construction Vibration Assessment at Eng Neo Avenue Forest and Forested Area Adjacent to Fairways Quarters	Max PPV Outside Worksite and Within Priority 1 Habitat (Eng Neo Avenue Forest), mm/s	Max PPV Outside Worksite and Within Priority 1 Habitat (Forested Area Adjacent to Fairways Quarters), mm/s	Fauna Receptor Classification	Impact Intensity	Impact Consequence	Likelihood	Impact Significance
A1-W2 Worksite (Low Vibratory Roller) mitigated scenario	0.01	1.44	1	Low	Low	Less Likely	Minor
A1-W2 Worksite (Low Vibratory Roller) mitigated scenario			2	Low	Very Low	Less Likely	Negligible
A1-W2 Worksite (Low Vibratory Roller) mitigated scenario			3	Low	Very Low	Less Likely	Negligible
A1-W2 Worksite (High Vibratory Roller) mitigated scenario	0.07	5.20	1	Medium	Medium	Less Likely	Minor
A1-W2 Worksite (High Vibratory Roller) mitigated scenario			2	Medium	Low	Less Likely	Minor
A1-W2 Worksite (High Vibratory Roller) mitigated scenario			3	Medium	Very Low	Less Likely	Negligible
A1-W2 Worksite (Rotary Bore Piling) base scenario	0.31	0.0002	1	Low	Low	Possible	Minor
A1-W2 Worksite (Rotary Bore Piling) base scenario			2	Low	Very Low	Possible	Minor
A1-W2 Worksite (Rotary Bore Piling) base scenario			3	Low	Very Low	Possible	Minor
A1-W2 Worksite (Bulldozer) base scenario	2	0.01	1	Low	Low	Possible	Minor
A1-W2 Worksite (Bulldozer) base scenario			2	Not Impacted	Not Impacted	Possible	Not Impacted
A1-W2 Worksite (Bulldozer) base scenario			3	Low	Very Low	Possible	Minor
A1-W2 Worksite (Bulldozer) mitigated scenario	0.09	0.7	1	High	High	Possible	Moderate
A1-W2 Worksite (Bulldozer) mitigated scenario			2	Low	Very Low	Possible	Minor
A1-W2 Worksite (Bulldozer) mitigated scenario			3	High	Low	Possible	Minor

Construction Vibration Assessment at Eng Neo Avenue Forest and Forested Area Adjacent to Fairways Quarters	Max PPV Outside Worksite and Within Priority 1 Habitat (Eng Neo Avenue Forest), mm/s	Max PPV Outside Worksite and Within Priority 1 Habitat (Forested Area Adjacent to Fairways Quarters), mm/s	Fauna Receptor Classification	Impact Intensity	Impact Consequence	Likelihood	Impact Significance
A1-W2 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 1.7 kg base	8.3	0.42	1	Medium	Medium	Certain	Moderate
A1-W2 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 1.7 kg base			2	Not Impacted	Not Impacted	Certain	Not Impacted
A1-W2 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 1.7 kg base			3	Medium	Very Low	Certain	Minor
A1-W2 Worksite (Rock Breaking and Excavation) using the T207, MIC = 2.9 kg base	5.67	0.33	1	Medium	Medium	Certain	Major
A1-W2 Worksite (Rock Breaking and Excavation) using the T207, MIC = 2.9 kg base			2	Not Impacted	Not Impacted	Certain	Not Impacted
A1-W2 Worksite (Rock Breaking and Excavation) using the T207, MIC = 2.9 kg base			3	Medium	Very Low	Certain	Minor
A1-W2 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 0.3 kg mitigated	0.17	0.29	1	Low	Low	Certain	Moderate
A1-W2 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 0.3 kg mitigated			2	Negligible	Imperceptible	Certain	Negligible
A1-W2 Worksite (Rock Breaking and Excavation) using the BS 6472-2-2008 approach, MIC = 0.3 kg mitigated			3	Low	Very Low	Certain	Minor
A1-W2 Worksite (Rock Breaking and Excavation) using the T207, MIC = 0.6 kg mitigated	0.17	0.3	1	Low	Low	Certain	Moderate
A1-W2 Worksite (Rock Breaking and Excavation) using the T207, MIC = 0.6 kg mitigated			2	Negligible	Imperceptible	Certain	Negligible
A1-W2 Worksite (Rock Breaking and Excavation) using the T207, MIC = 0.6 kg mitigated			3	Low	Very Low	Certain	Minor
A1-W2 Worksite (Tunnel Boring) base scenario (BS Method)	0.84	0.11	1	Low	Low	Certain	Moderate
A1-W2 Worksite (Tunnel Boring) base scenario (BS Method)			2	Not Impacted	Not Impacted	Certain	Not Impacted
A1-W2 Worksite (Tunnel Boring) base scenario (BS Method)			3	Low	Very Low	Certain	Minor
A1-W2 Worksite (Tunnel Boring) mitigated scenario (BS Method)	0.89	0.40	1	Low	Low	Certain	Moderate
A1-W2 Worksite (Tunnel Boring) mitigated scenario (BS Method)			2	Low	Very Low	Certain	Minor
A1-W2 Worksite (Tunnel Boring) mitigated scenario (BS Method)			3	Low	Very Low	Certain	Minor
A1-W2 Worksite (Tunnel Boring) base scenario (Esvelt Method)	0.43	0.05	1	Low	Low	Certain	Moderate
A1-W2 Worksite (Tunnel Boring) base scenario (Esvelt Method)			2	Not impacted	Not Impacted	Certain	Not Impacted
A1-W2 Worksite (Tunnel Boring) base scenario (Esvelt Method)			3	Low	Very Low	Certain	Minor
A1-W2 Worksite (Tunnel Boring) mitigated scenario (Esvelt Method)	0.47	0.20	1	Low	Low	Certain	Moderate
A1-W2 Worksite (Tunnel Boring) mitigated scenario (Esvelt Method)			2	Low	Imperceptible	Certain	Negligible
A1-W2 Worksite (Tunnel Boring) mitigated scenario (Esvelt Method)			3	Low	Very Low	Certain	Minor
A1-W2 Worksite (Tunnel Boring) base scenario (Esvelt Method) Spot	0.47	0.05	1	Low	- Low	Certain	Moderate
A1-W2 Worksite (Tunnel Boring) base scenario (Esvelt Method) Spot			2	Not Impacted	Not Impacted	Certain	Not Impacted
A1-W2 Worksite (Tunnel Boring) base scenario (Esvelt Method) Spot			3	Low	Very Low	Certain	Minor

Construction Vibration Assessment at Eng Neo Avenue Forest and Forested Area Adjacent to Fairways Quarters	Max PPV Outside Worksite and Within Priority 1 Habitat (Eng Neo Avenue Forest), mm/s	Max PPV Outside Worksite and Within Priority 1 Habitat (Forested Area Adjacent to Fairways Quarters), mm/s	Fauna Receptor Classification	Impact Intensity	Impact Consequence	Likelihood	Impact Significance
A1-W2 Worksite (Tunnel Boring) mitigated scenario (Esvelt Method) Spot	0.52	0.05	1	Low	Low	Certain	Moderate
A1-W2 Worksite (Tunnel Boring) mitigated scenario (Esvelt Method) Spot			2	Not Impacted	Not Impacted	Certain	Not Impacted
A1-W2 Worksite (Tunnel Boring) mitigated scenario (Esvelt Method) Spot			3	Low	Very Low	Certain	Minor
Transition Tunnel Worksite Tunnel Boring) mitigated scenario (BS Method)	0.07	0.62	1	Low	Low	Possible	Minor
Transition Tunnel Worksite Tunnel Boring) mitigated scenario (BS Method)			2	Negligible	Imperceptible	Possible	Negligible
Transition Tunnel Worksite Tunnel Boring) mitigated scenario (BS Method)			3	Low	Very Low	Possible	Minor
Transition Tunnel Worksite Tunnel Boring) mitigated scenario (Esvelt Method)	0.18	1.43	1	Medium	Medium	Possible	Moderate
Transition Tunnel Worksite Tunnel Boring) mitigated scenario (Esvelt Method)			2	Low	Very Low	Possible	Minor
Transition Tunnel Worksite Tunnel Boring) mitigated scenario (Esvelt Method)			3	Low	Very Low	Possible	Minor

The operational vibration impact assessment results with reference to the intensity of impact criteria is listed from Table 4 to Table 5.

Table 4 Impact Intensity Results for Operational Vibration Impacts (Windsor)

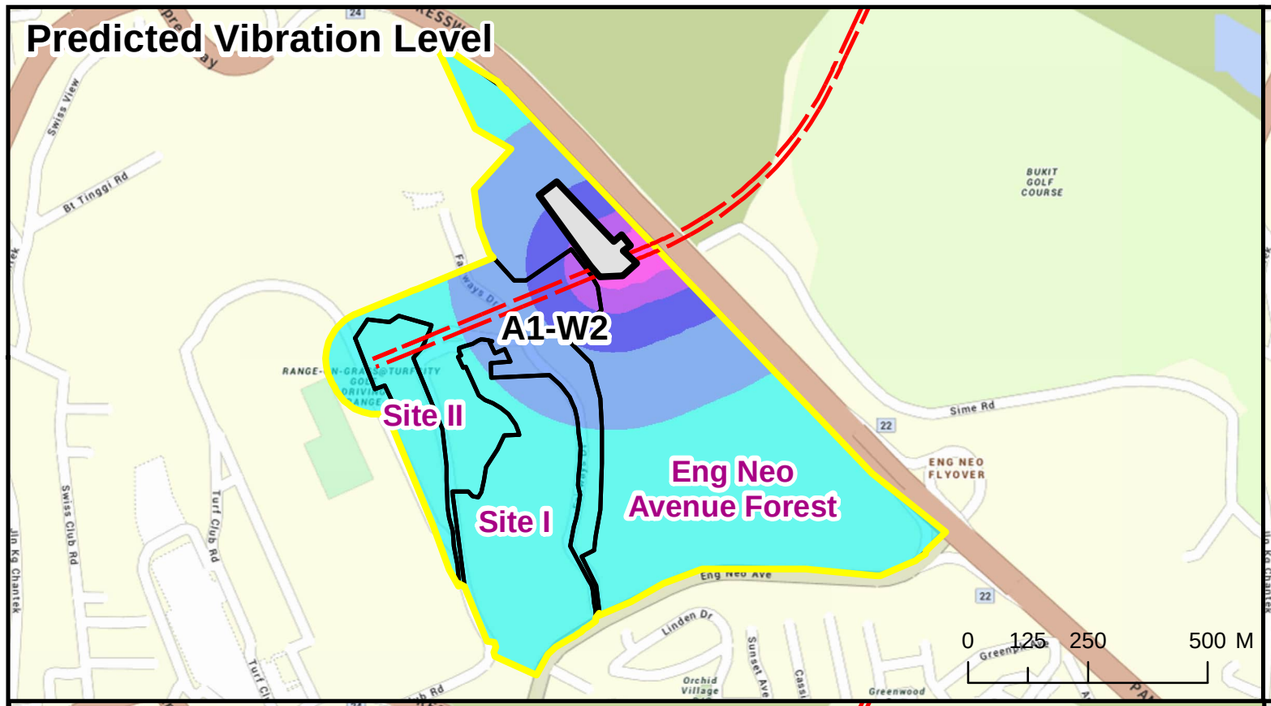
Operational Vibration Impact Assessment at Windsor	Max PPV Outside Worksite, mm/s	Receptor Classification	Impact Intensity	Impact Consequence	Likelihood	Impact Significance
Train base and mitigated scenario cumulative	0.1	1	Negligible	Very Low	Possible	Minor
Train base and mitigated scenario cumulative		2	Negligible	Imperceptible	Possible	Negligible
Train base and mitigated scenario cumulative		3	Negligible	Imperceptible	Possible	Negligible
Train base and mitigated scenario spot 1	0.1	1	Negligible	Very Low	Possible	Minor
Train base and mitigated scenario spot 1		2	Negligible	Imperceptible	Possible	Negligible
Train base and mitigated scenario spot 1		3	Negligible	Imperceptible	Possible	Negligible
Train base and mitigated scenario spot 2	0.1	1	Negligible	Very Low	Possible	Minor
Train base and mitigated scenario spot 2		2	Negligible	Imperceptible	Possible	Negligible
Train base and mitigated scenario spot 2		3	Negligible	Imperceptible	Possible	Negligible
Train base and mitigated scenario spot 3	0.1	1	Negligible	Very Low	Possible	Minor
Train base and mitigated scenario spot 3		2	Negligible	Imperceptible	Possible	Negligible
Train base and mitigated scenario spot 3		3	Negligible	Imperceptible	Possible	Negligible

Table 5 Impact Intensity Results for Operational Vibration Impacts (Eng Neo Avenue Forest and Forested Area Adjacent to Fairways Quarters)

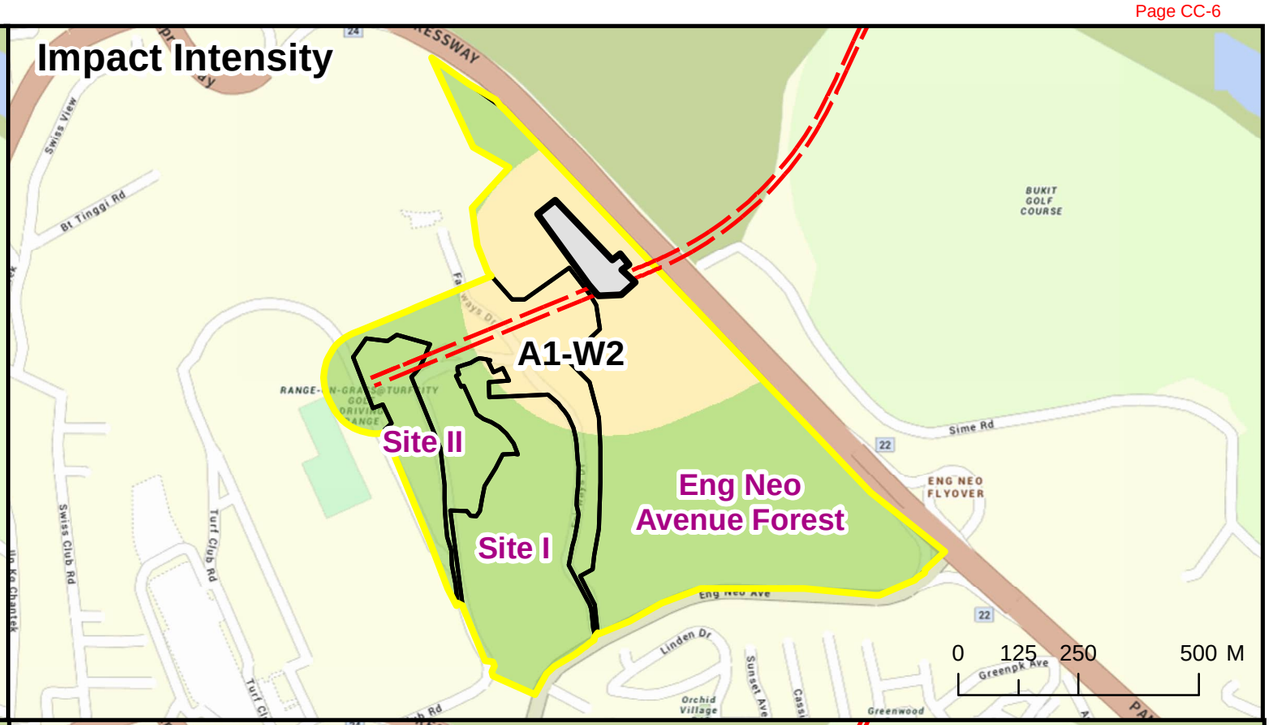
Operational Vibration Impact Assessment at Eng Neo Avenue Forest and Forested Area Adjacent to Fairways Quarters	Max PPV Outside Worksite and Within Priority 1 Habitat (Eng Neo Avenue Forest), mm/s	Max PPV Outside Worksite and Within Site 1, mm/s Max PPV Outside Worksite and Within Priority 1 Habitat (Forested Area Adjacent to Fairways Quarters), mm/s	Receptor Classification	Impact Intensity	Impact Consequence	Likelihood	Impact Significance
Train mitigated scenario cumulative	0.0800	0.0500	1	Negligible	Very Low	Possible	Minor
Train mitigated scenario cumulative			2	Negligible	Imperceptible	Possible	Negligible
Train mitigated scenario cumulative			3	Negligible	Imperceptible	Possible	Negligible
Train mitigated scenario spot	0.0900	0.0200	1	Negligible	Very Low	Possible	Minor
Train mitigated scenario spot			2	Not Impacted	Not Impacted	Possible	Not Impacted
Train mitigated scenario spot			3	Negligible	Imperceptible	Possible	Negligible

The vibration impact assessment results for tunnel boring and rock breaking and excavation using the BS Methods at Eng Neo Avenue Forest, Transition Tunnel and Windsor (for base and mitigated scenarios) can be seen in Figure CC-1 to Figure CC- 7 below.

Predicted Vibration Level



Impact Intensity



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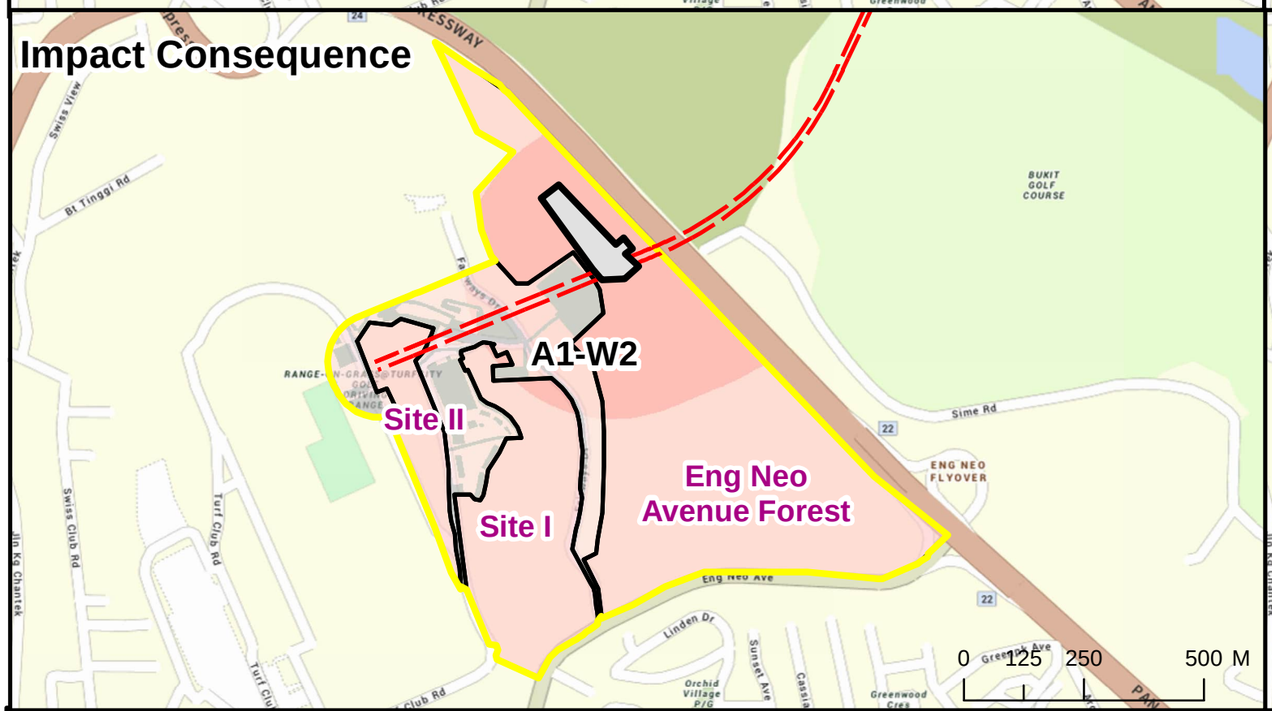

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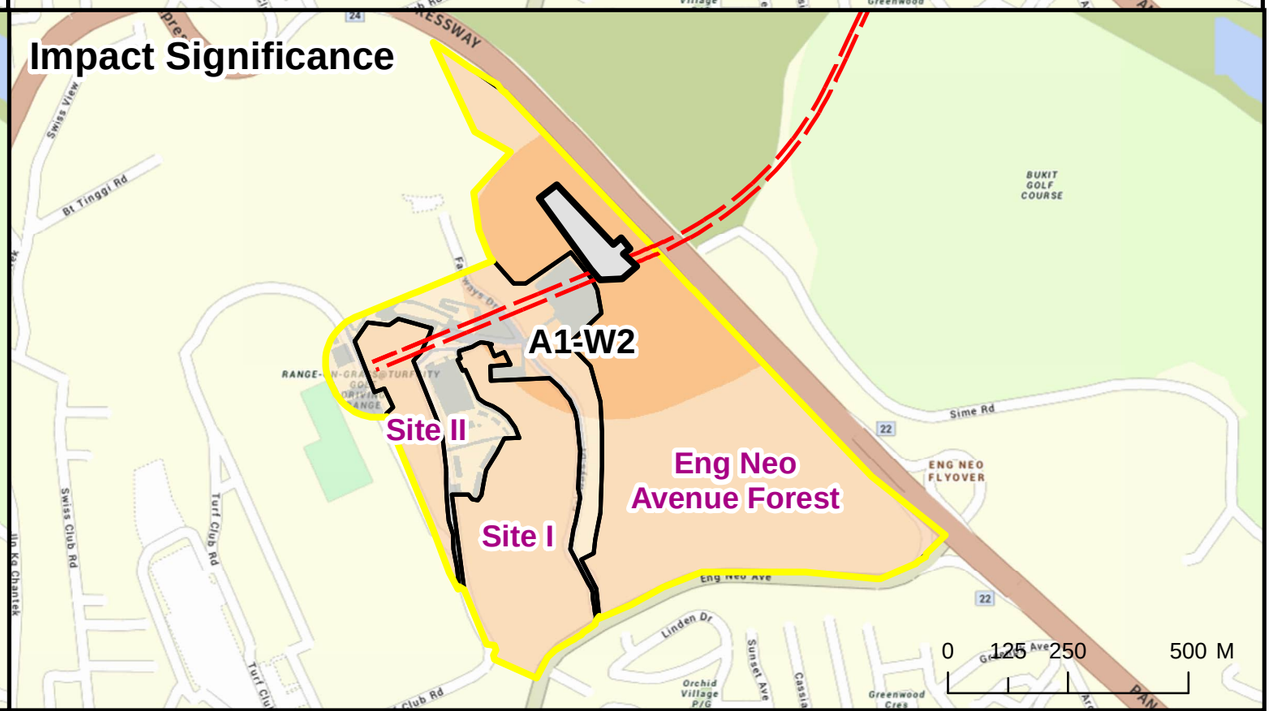


Legend

- Base Scenario Construction Worksite Footprint
- Proposed CRL Alignment (Base)
- Study Area (Base)
- Biodiversity Study Area

Predicted Vibration Levels, mm/s	Impact Intensity	Impact Consequence	Impact Significance
0.02 - 0.08	Negligible	Imperceptible	Negligible
0.08 - 0.19	Low	Very Low	Minor
0.19 - 0.36		Low	Moderate
0.36 - 0.61		Not Assessible	Not Assessible
0.616 - 1.01			

N

Note:
Sites I & II: Forested area adjacent to Fairways Quarters

Rev.	Date	By	Description	Chk'd	App'd
-	Mar 2022	EGY	EIS (Windsor and Eng Neo Avenue Forest)	JAG	JAG

Qualified Person Endorsement :
NA

LTA Endorsement :
NA

Consultant : AECOM

Land Transport Authority — We Keep Your World Moving

Project Title :
**CONTRACT CR2005
ENVIRONMENTAL IMPACT STUDY
(WINDSOR AND
ENG NEO AVENUE FOREST)**

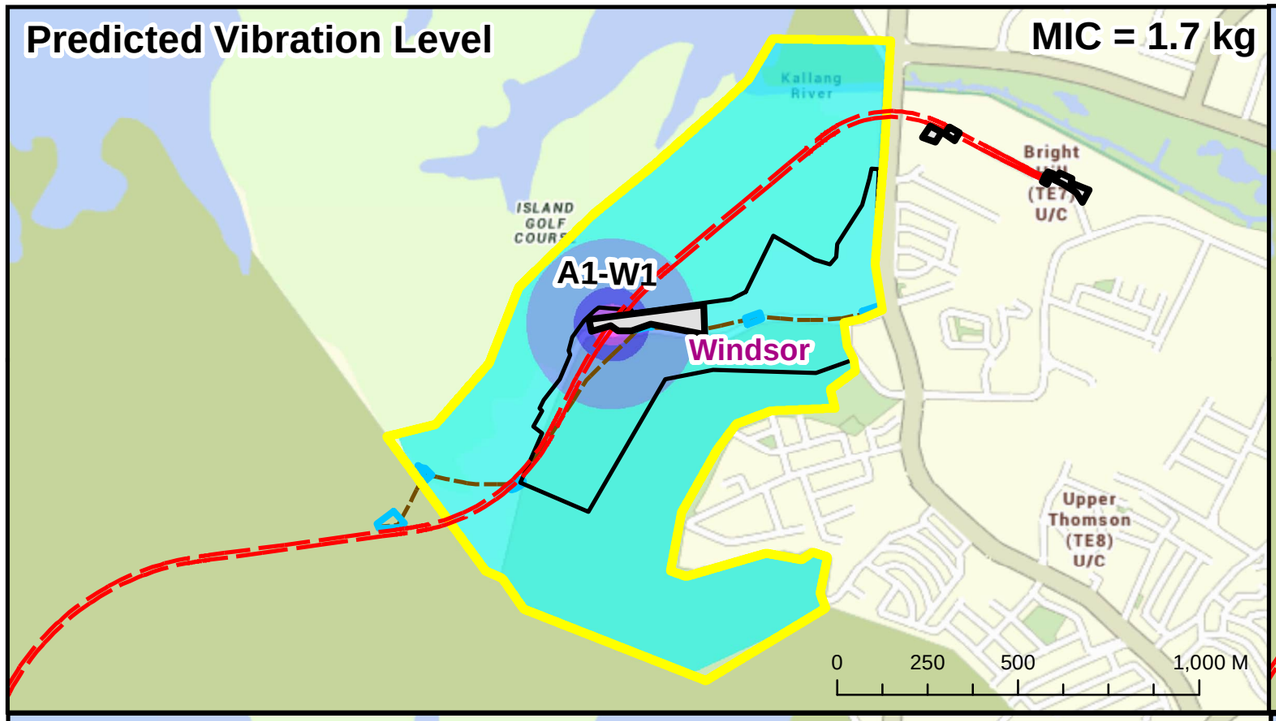
Drawing Title :
**VIBRATION ASSESSMENT
FOR TUNNEL BORING
IN ENG NEO AVENUE FOREST
USING BS METHOD
(BASE SCENARIO)**

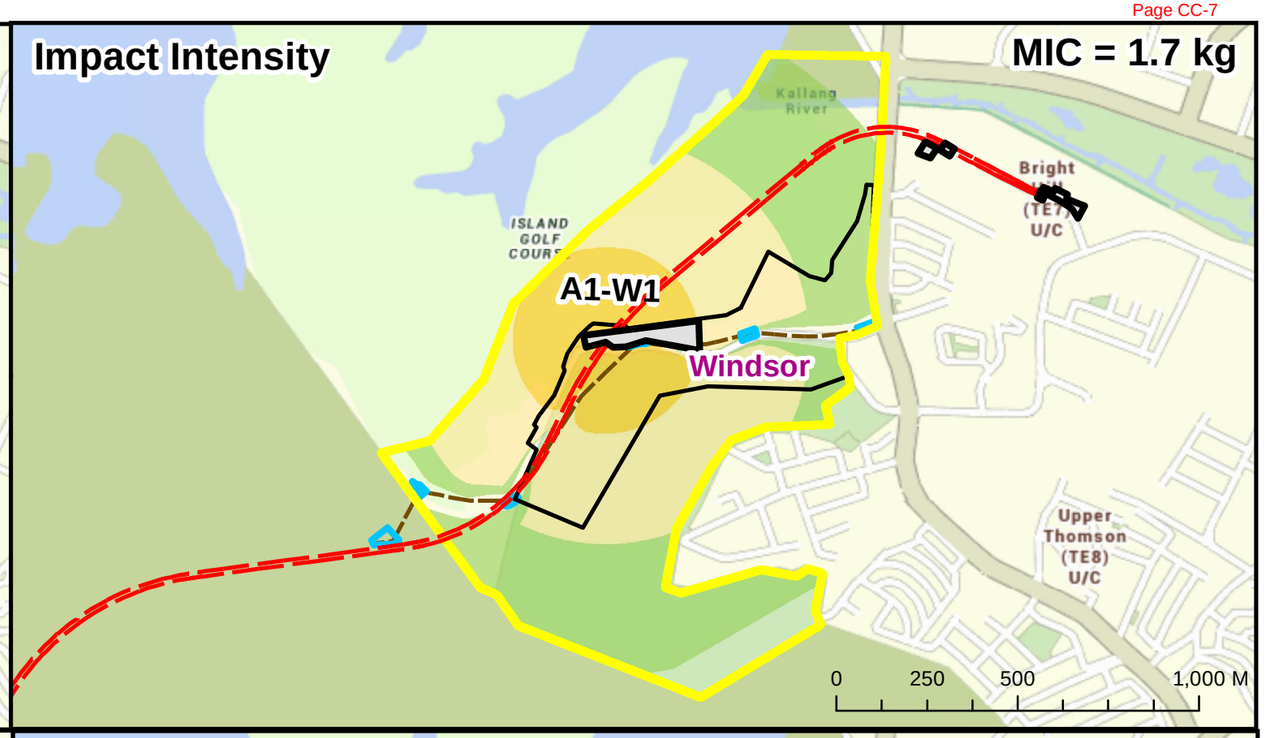
Designed	Checked	Approved
EGY	JAG	JAG
	Drawn: EGY	Date: MAR 2022

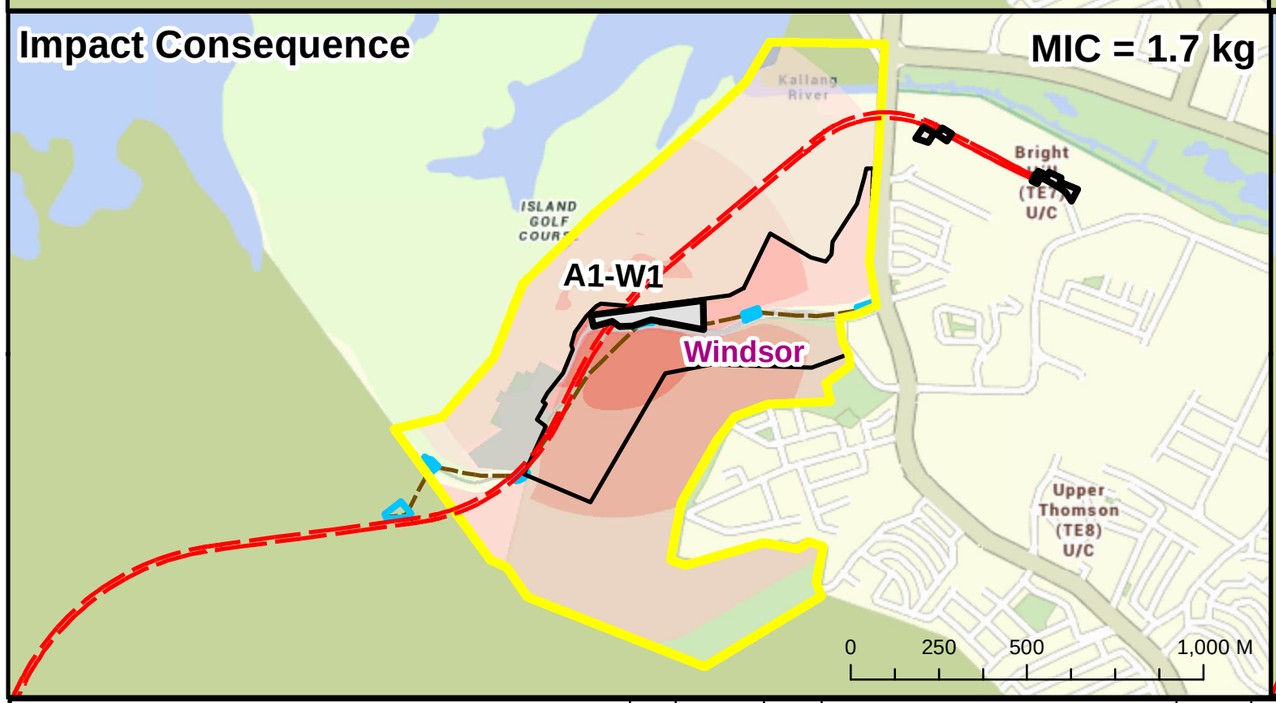
Drawing No. : CC -1 | Rev. : - | Sheet : 1 of 1

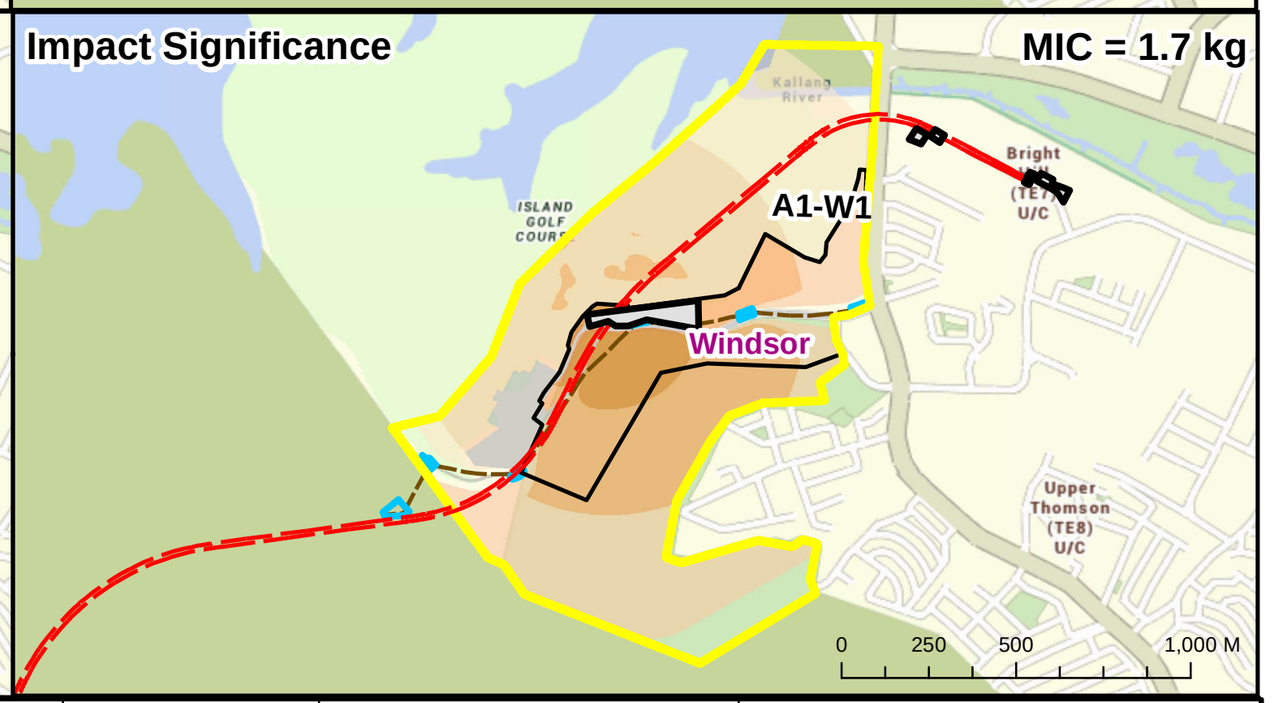
CAD File Name : NA | A3

Note: Source of basemap - OneMap









Legend

- Base Scenario Construction Worksite Footprint
- Proposed CRL Alignment (Base)
- Study Area
- Biodiversity Study Area (Windsor)
- PUB Water Pipeline Project at BKSR (Shafts)
- PUB Water Pipeline Project at BKSR (Pipeline)

Predicted Vibration Level PPV (mm/s)	Impact Intensity	Impact Consequence	Impact Significance
0.04 - 0.57	Negligible	Imperceptible	Negligible
0.57 - 2.10	Low	Very Low	Minor
2.10 - 5.22	Medium	Low	Moderate
5.22 - 10.46		Medium	Major
10.46 - 16.96		Not Assessible	Not Assessible
	Below Ambient	Below Ambient	Below Ambient

N

Rev.	Date	By	Description	Chk'd	App'd
-	Mar 2022	EGY	EIS (Windsor and Eng Neo Avenue Forest)	JAG	JAG

Qualified Person Endorsement :
NA

LTA Endorsement :
NA

Consultant : AECOM

Project Title :
CONTRACT CR2005
ENVIRONMENTAL IMPACT STUDY
(WINDSOR AND
ENG NEO AVENUE FOREST)

Designed	Checked	Approved
EGY	JAG	JAG
	Drawn: EGY	Date: MAR 2022

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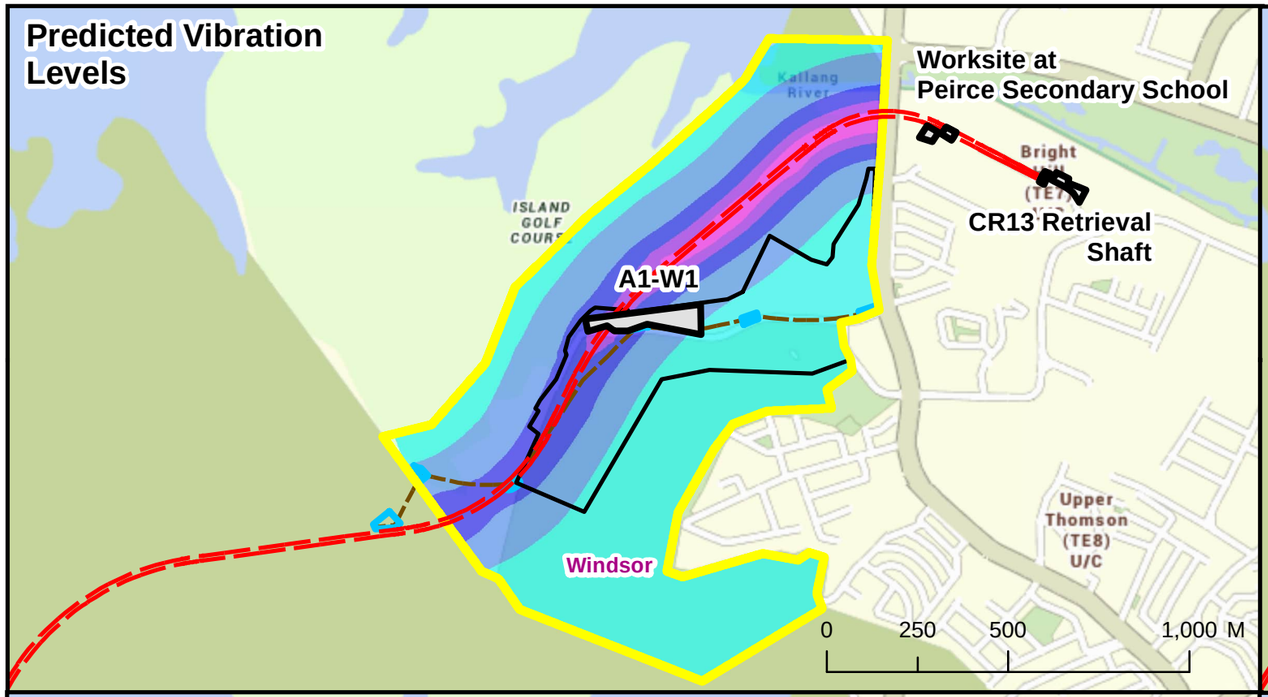
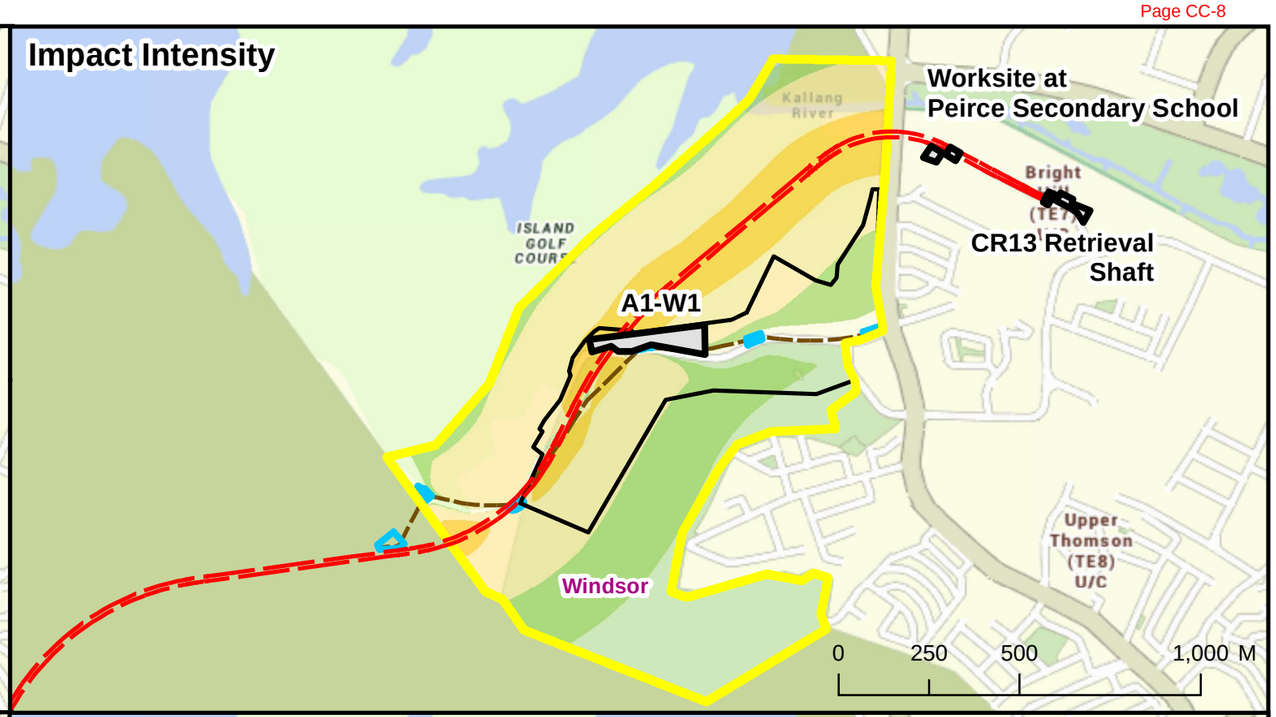
Figure Title :
VIBRATION ASSESSMENT FOR ROCK BREAKING AND EXCAVATION WORKS USING BS METHOD AT A1-W1 (1.7 KG) (BASE SCENARIO)

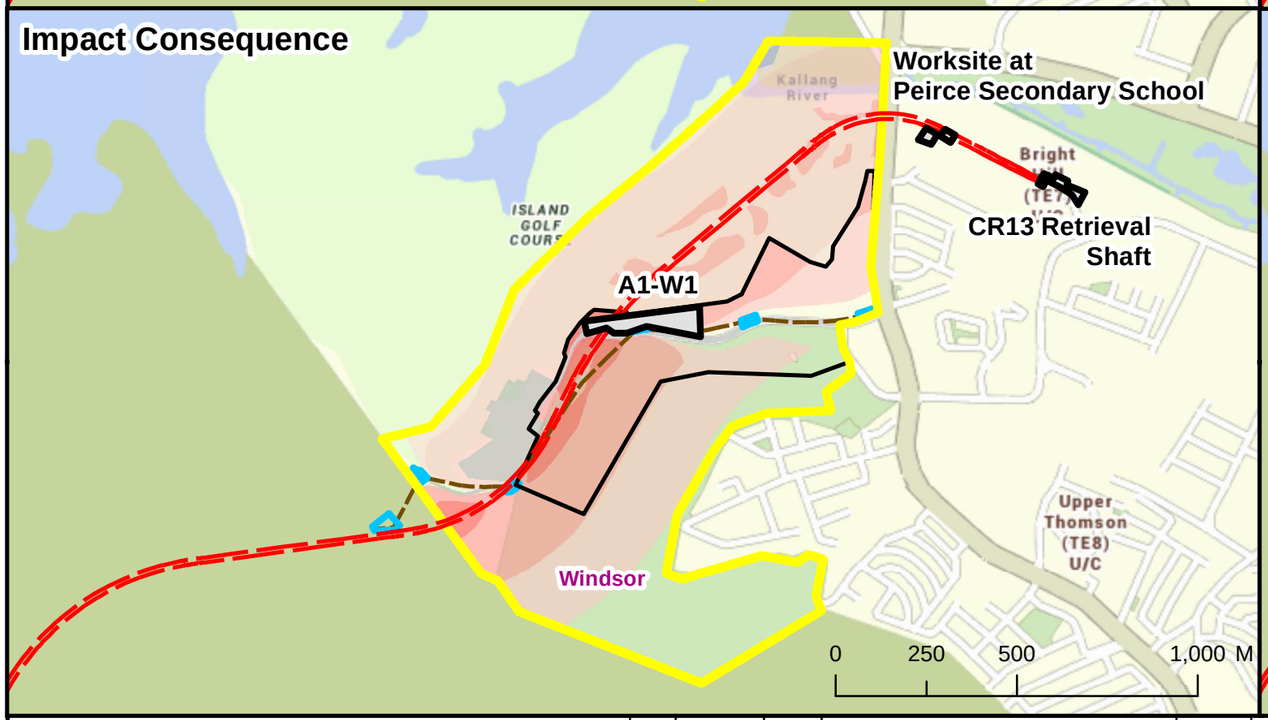
Figure No. :	Rev.	Sheet
CC - 2	-	1 of 1

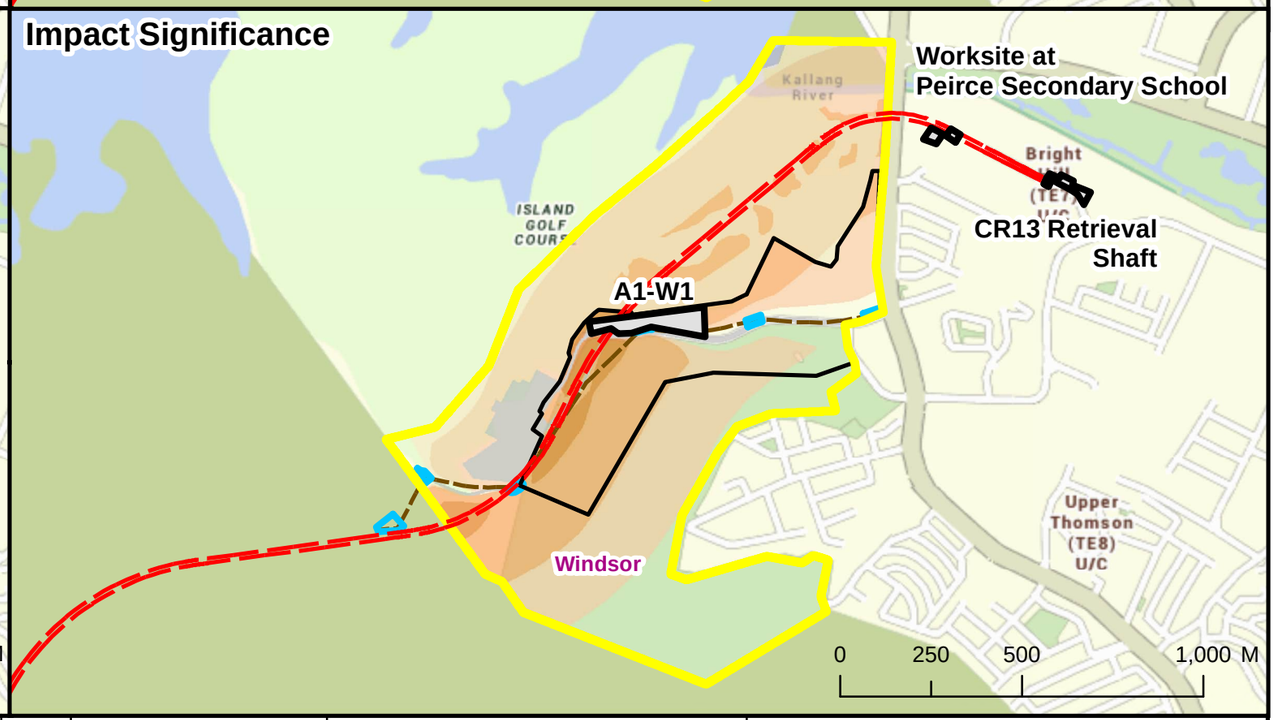
CAD File Name : NA — A3

Note: Source of basemap - OneMap









Legend

- Base Scenario Construction Worksite Footprint
- Proposed CRL Alignment (Base)
- Study Area
- Biodiversity Study Area (Windsor)
- PUB Water Pipeline Project at BKSR (Shafts)
- PUB Water Pipeline Project at BKSR (Pipeline)

Predicted Vibration Level	Impact Intensity	Impact Consequence	Impact Significance
PPV (mm/s)	Below Ambient	Below Ambient	Below Ambient
0.02 - 0.19	Negligible	Imperceptible	Negligible
0.19 - 0.42	Low	Very Low	Minor
0.42 - 0.80	Medium	Low	Moderate
0.80 - 1.41		Medium	Major
1.41 - 2.87		Not Assessible	Not Assessible

N

Rev.	Date	By	Description	Chk'd	App'd
-	Mar 2022	EGY	EIS (Windsor and Eng Neo Avenue Forest)	JAG	JAG

Qualified Person Endorsement :
NA

LTA Endorsement :
NA

Consultant : AECOM

Land Transport Authority — We Keep Your World Moving

Project Title :

CONTRACT CR2005
ENVIRONMENTAL IMPACT STUDY (WINDSOR AND ENG NEO AVENUE FOREST)

Drawing Title :

OVERALL VIBRATION ASSESSMENT FOR TUNNEL BORING AT WINDSOR USING BS METHOD (BASE SCENARIO)

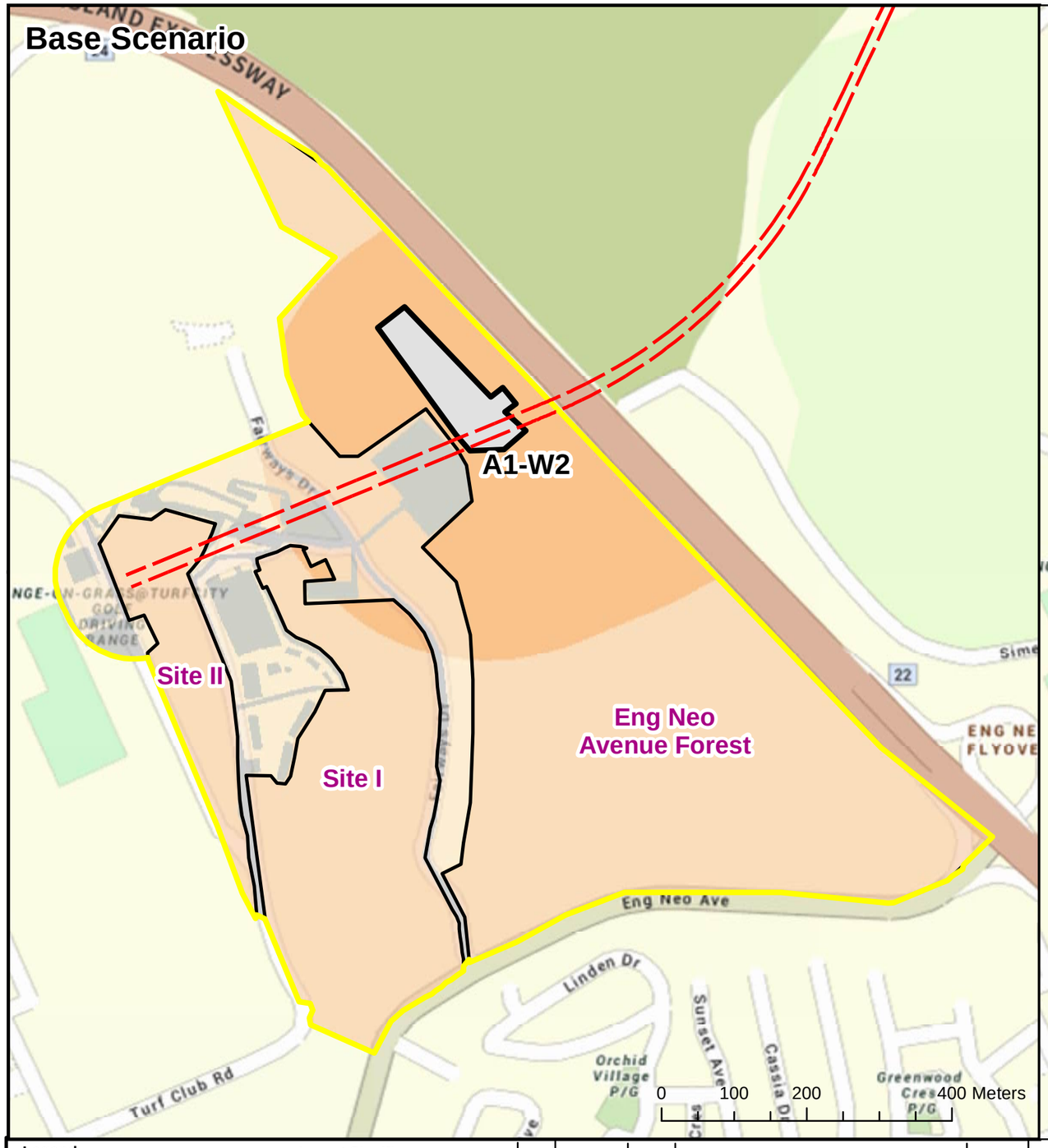
Designed	Checked	Approved
EGY	JAG	JAG
	Drawn: EGY	Date: MAR 2022

Drawing No. :	Rev.	Sheet
CC - 3	-	1 of 1

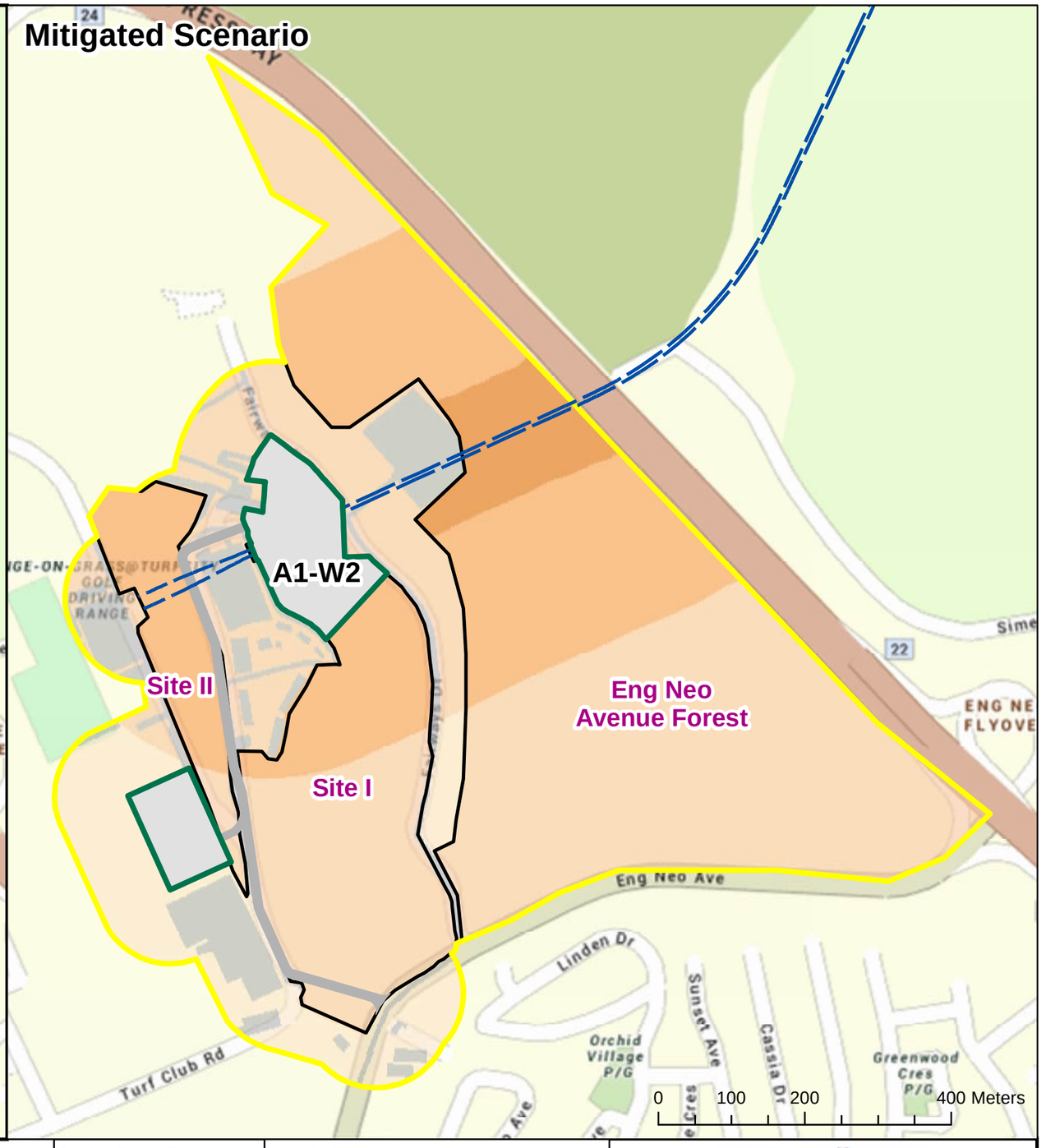
CAD File Name : NA — A3

Note: Source of basemap - OneMap

Base Scenario



Mitigated Scenario



Legend

- Proposed CRL Alignment (Base)
- Proposed CRL Alignment (Mitigated)
- Base Scenario Construction Worksite Footprint
- Mitigated Scenario Construction Worksite
- Temporary Access Roads
- Study Area
- Biodiversity Study Area

Impact Significance

- Below Ambient
- Negligible
- Minor
- Moderate
- Not Assessible

Note:
Sites I & II: Forested area adjacent to Fairways Quarters

N

Rev.	Date	By	Description	Chk'd	App'd
-	Mar 2022	EGY	EIS (Windsor and Eng Neo Avenue Forest)	JAG	JAG

Qualified Person Endorsement :
NA

LTA Endorsement :
NA

Consultant : AECOM

Land Transport Authority
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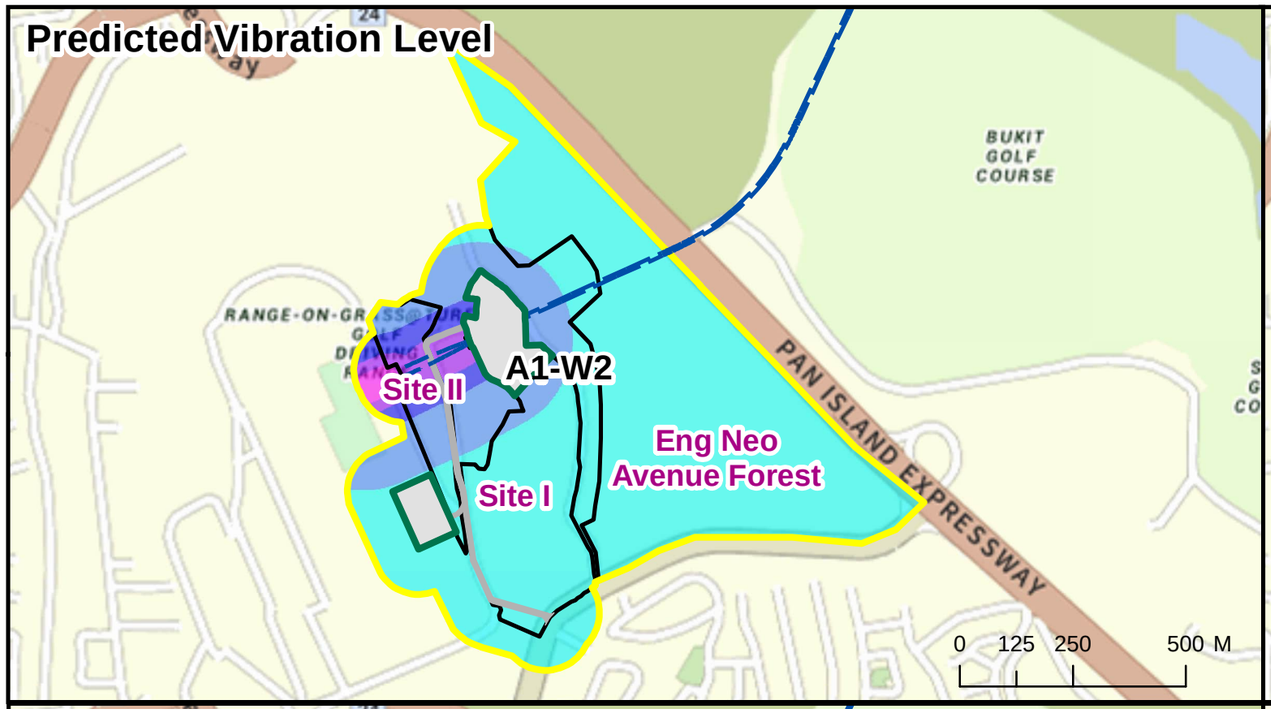
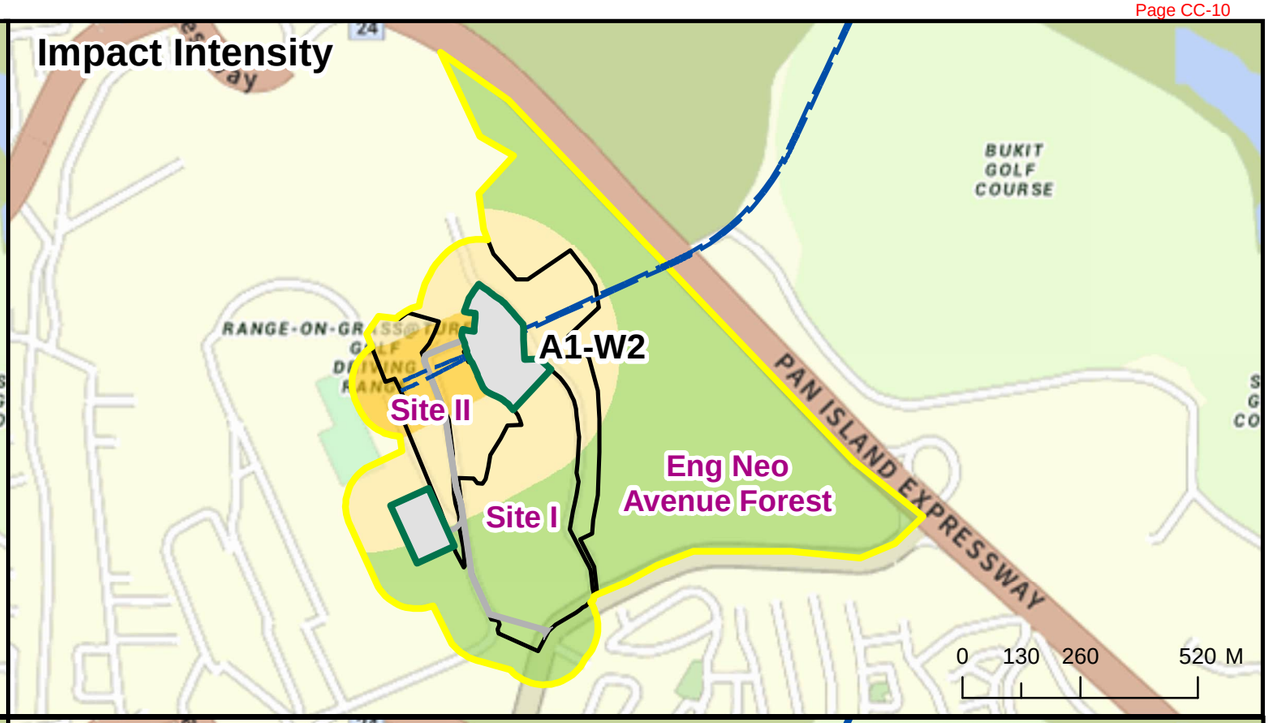
Project Title :
**CONTRACT CR2005
ENVIRONMENTAL IMPACT STUDY
(WINDSOR AND
ENG NEO AVENUE FOREST)**

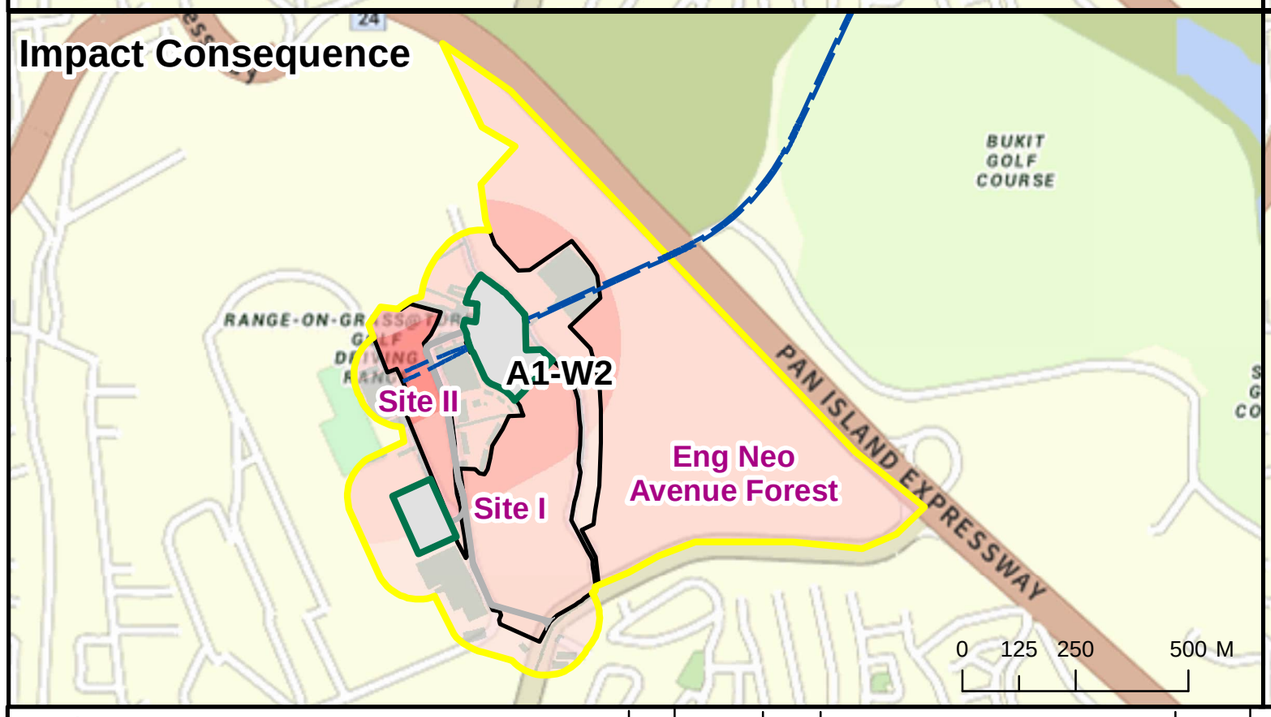
Drawing Title :
**IMPACT SIGNIFICANCE COMPARISON
FOR TUNNEL BORING MACHINE
AT A1-W2 (BS METHOD)**

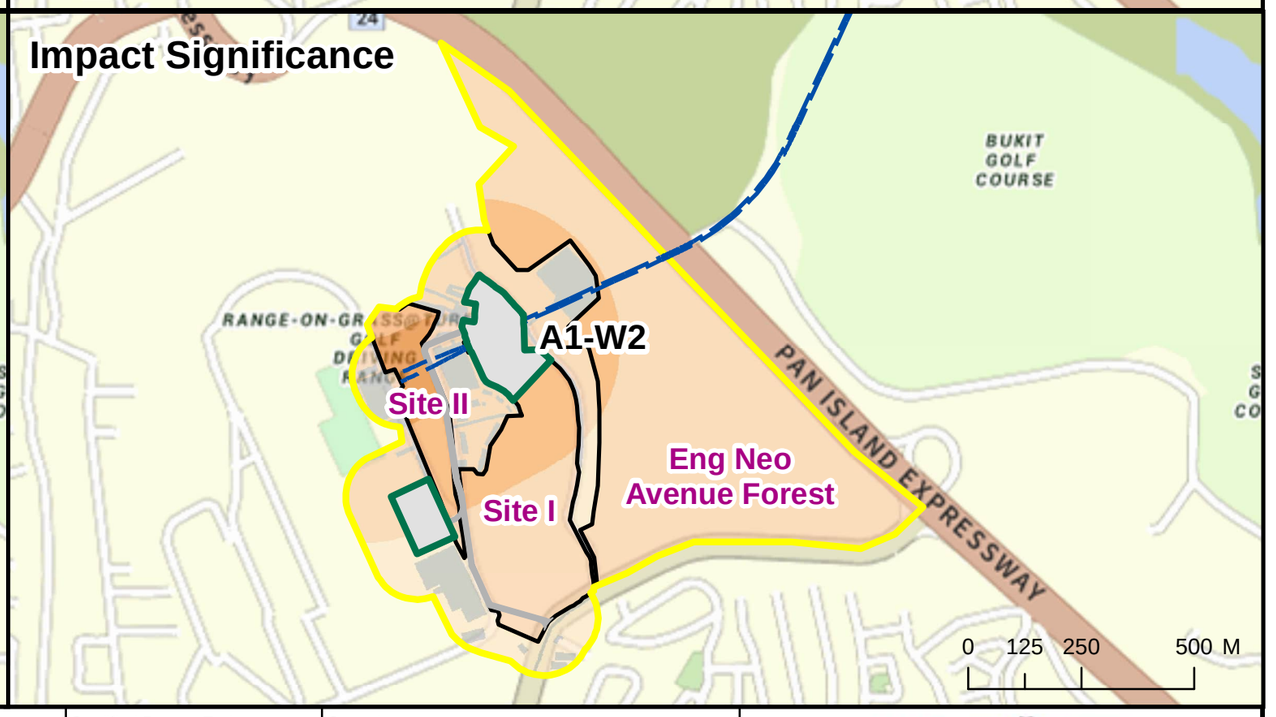
Designed	Checked	Approved	Drawing No. :	Rev.	Sheet
EGY	JAG	JAG	CC -4	-	1 of 1
	Drawn EGY	Date MAR 2022	CAD File Name : NA		A3

Note: Source of basemap - OneMap









Legend

- Mitigated Scenario Construction Worksite
- Proposed CRL Alignment (Mitigated)
- Temporary Access Roads
- Study Area (Mitigated)
- Biodiversity Study Area

Predicted Vibration Level PPV (mm/s)	Impact Intensity	Impact Consequence	Impact Significance
0.02 - 0.17	Negligible	Imperceptible	Negligible
0.18 - 0.47	Low	Very Low	Minor
0.48 - 0.95	Medium	Low	Moderate
0.96 - 1.60		Medium	Major
1.61 - 2.23		Not Assessible	Not Assessible

Note:
Sites I & II: Forested area adjacent to Fairways Quarters

N

Rev.	Date	By	Description	Chk'd	App'd
-	Mar 2022	EGY	EIS (Windsor and Eng Neo Avenue Forest)	JAG	JAG

Qualified Person Endorsement :
NA

LTA Endorsement :
NA

Consultant : AECOM

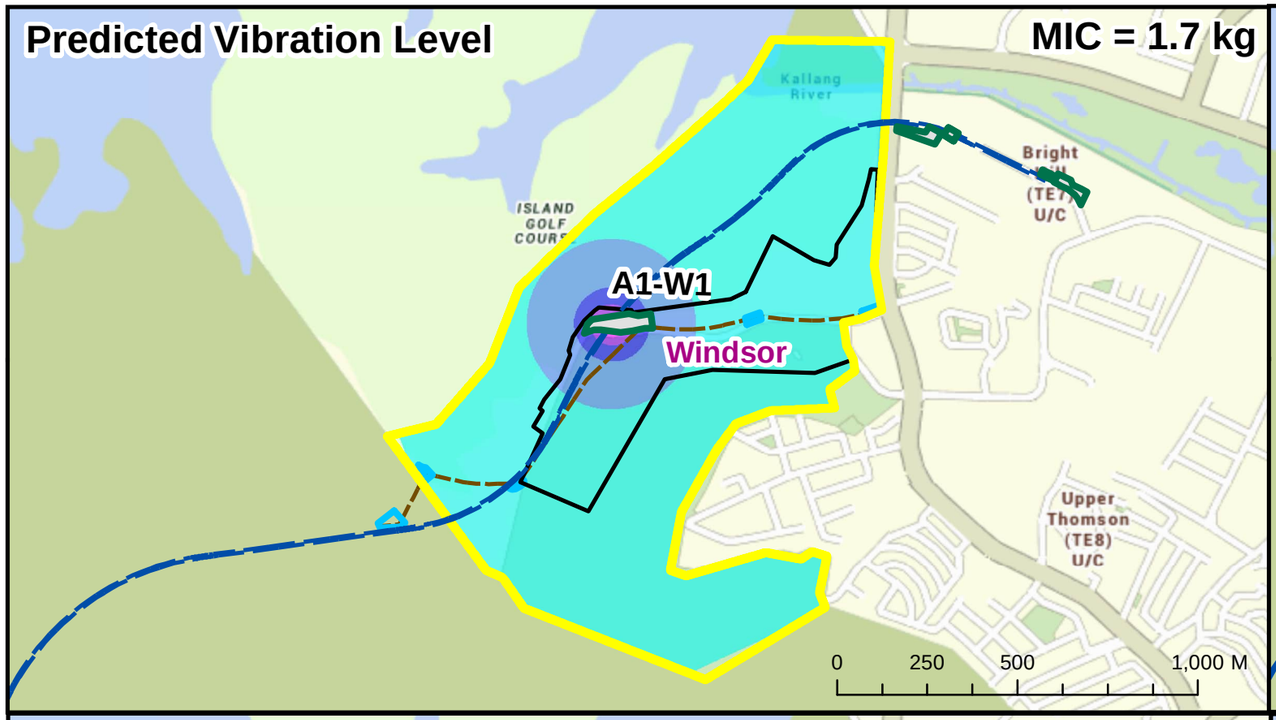
Land Transport Authority — We Keep Your World Moving

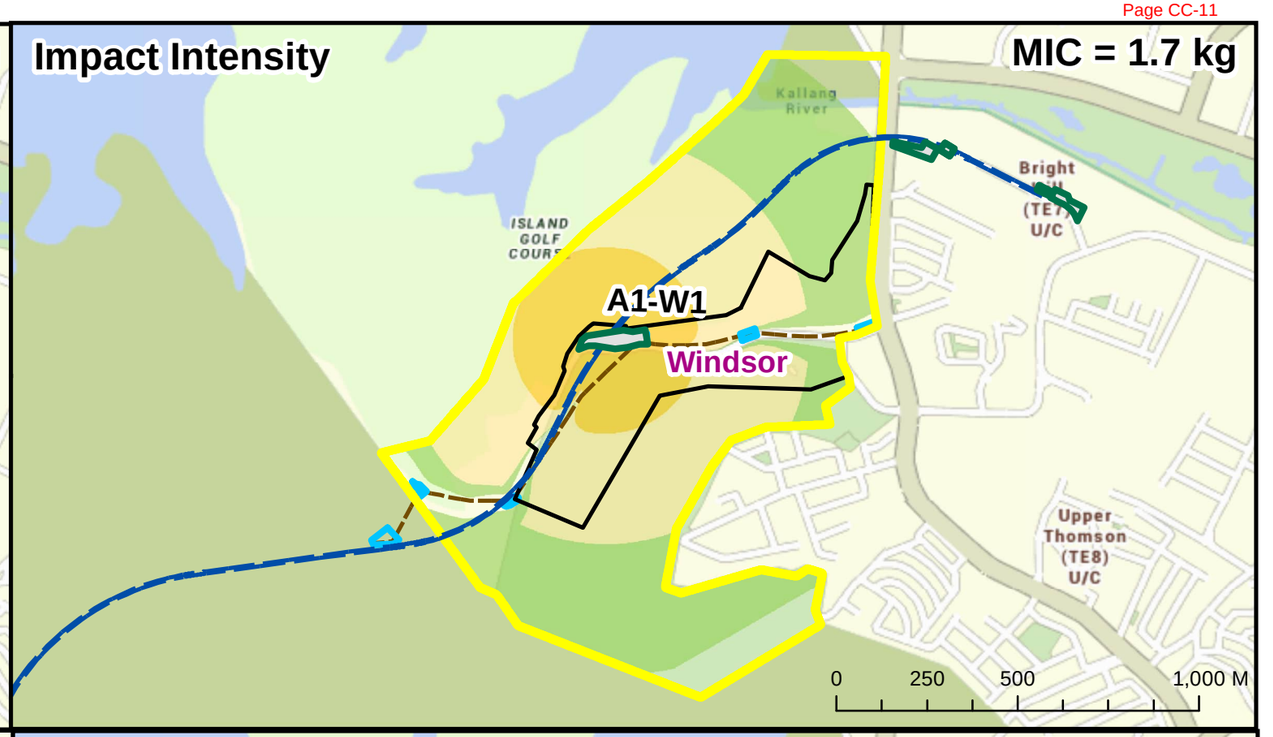
Project Title :
**CONTRACT CR2005
ENVIRONMENTAL IMPACT STUDY
(WINDSOR AND
ENG NEO AVENUE FOREST)**

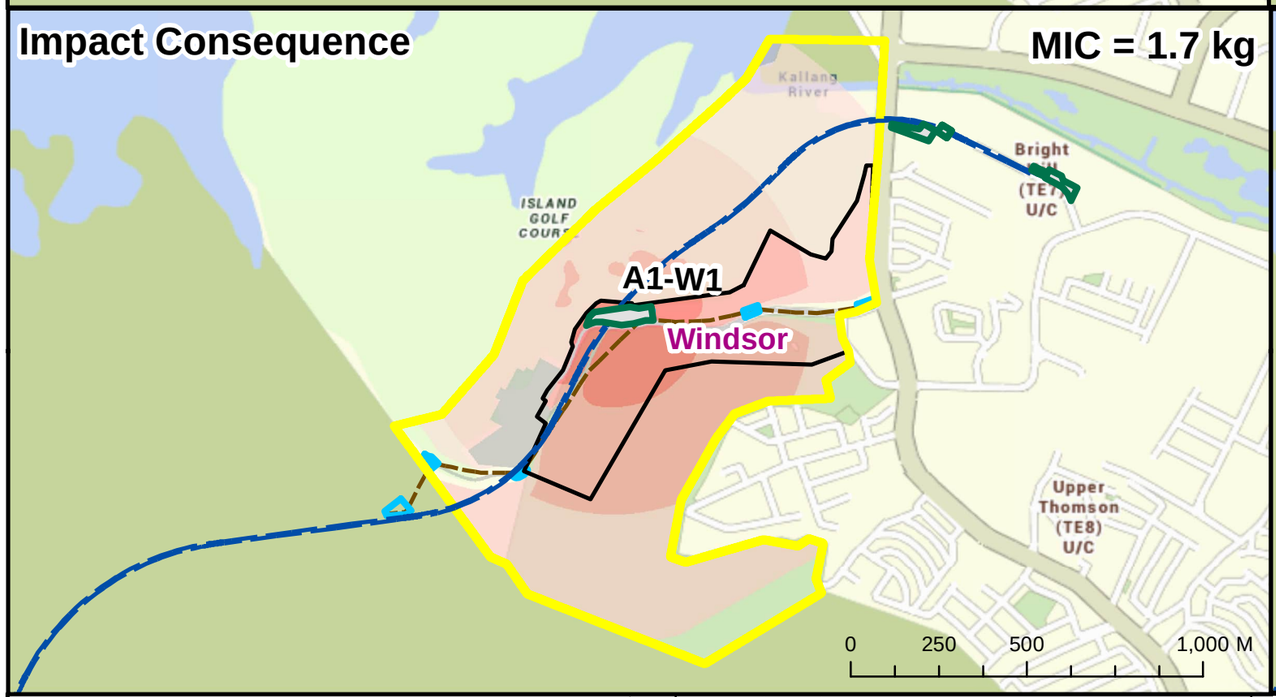
Drawing Title :
**VIBRATION ASSESSMENT
FOR TRANSITION TUNNEL
IN ENG NEO AVENUE FOREST
(USING BS METHOD)
(MITIGATED SCENARIO)**

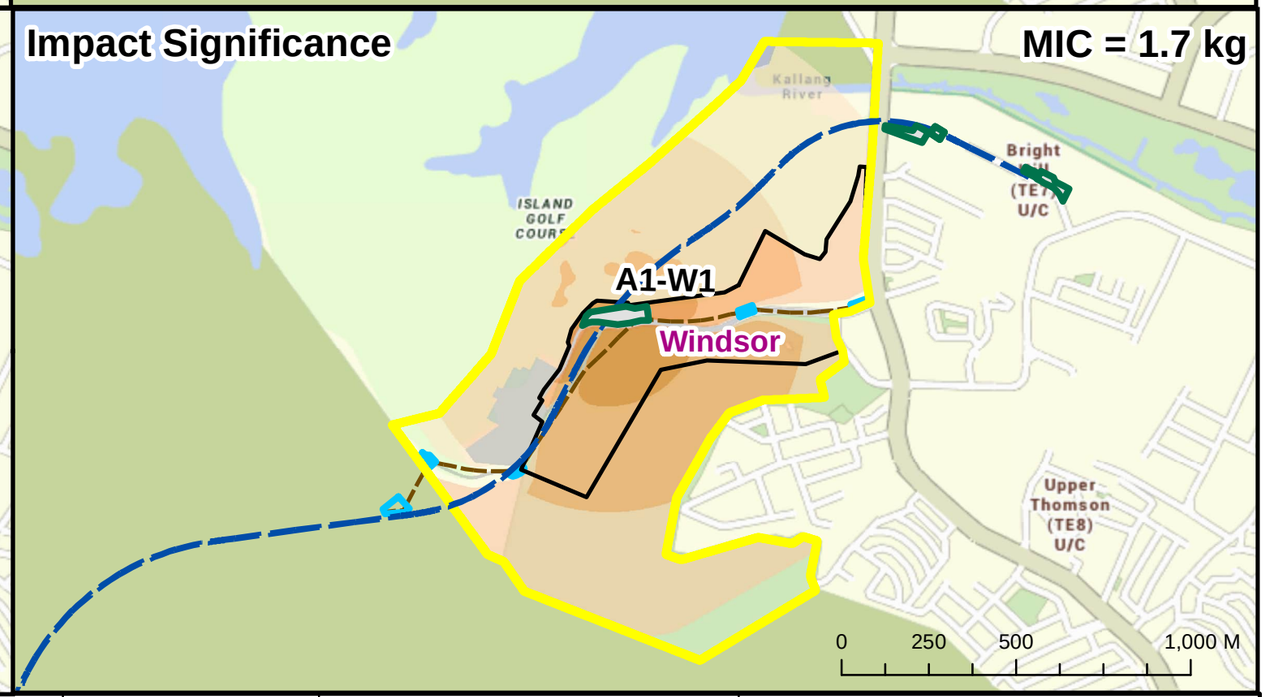
Designed	Checked	Approved	Drawing No. :	Rev.	Sheet
EGY	JAG	JAG	CC - 5	-	1 of 1
	Drawn EGY	Date MAR 2022	CAD File Name : NA		A3

Note: Source of basemap - OneMap









Legend

- Mitigated Scenario Construction Worksite Footprint
- Proposed CRL Alignment (Mitigated)
- Study Area
- Biodiversity Study Area (Windsor)
- PUB Water Pipeline Project at BKSR (Shafts)
- PUB Water Pipeline Project at BKSR (Pipeline)

Predicted Vibration Level PPV (mm/s)	Impact Intensity	Impact Consequence	Impact Significance
0.04 - 0.57	Below Ambient	Below Ambient	Below Ambient
0.57 - 2.10	Negligible	Imperceptible	Negligible
2.10 - 5.22	Low	Very Low	Minor
5.22 - 10.46	Medium	Low	Moderate
10.46 - 16.96		Medium	Major
		Not Assessible	Not Assessible

N

Rev.	Date	By	Description	Chk'd	App'd
-	Mar 2022	EGY	EIS (Windsor and Eng Neo Avenue Forest)	JAG	JAG

Qualified Person Endorsement :
NA

LTA Endorsement :
NA

Consultant : AECOM

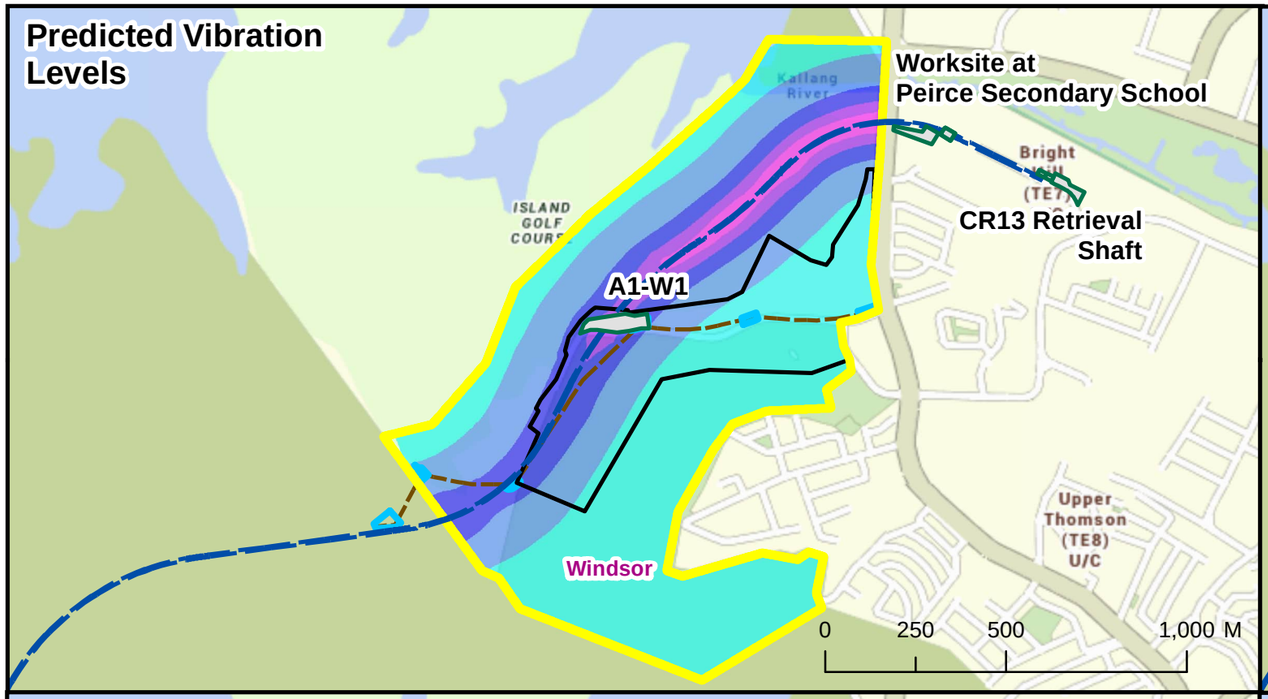
Land Transport Authority — We Keep Your World Moving

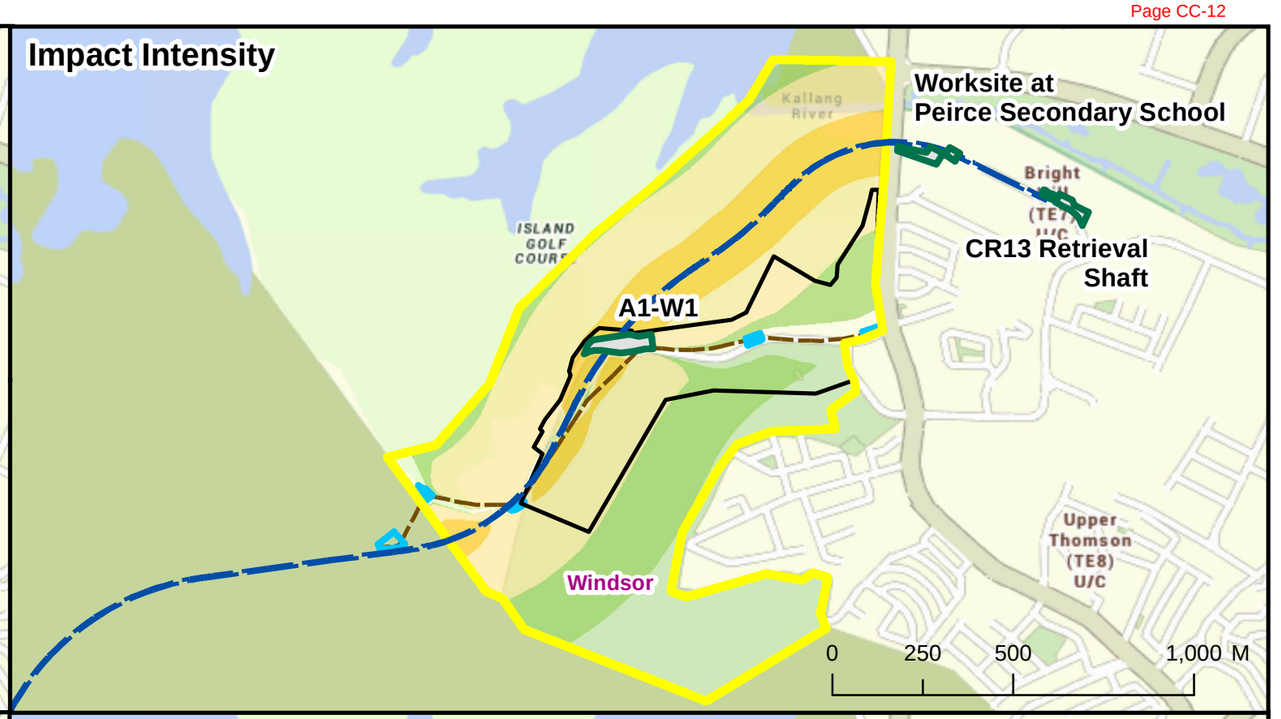
Project Title :
CONTRACT CR2005
ENVIRONMENTAL IMPACT STUDY (WINDSOR AND ENG NEO AVENUE FOREST)

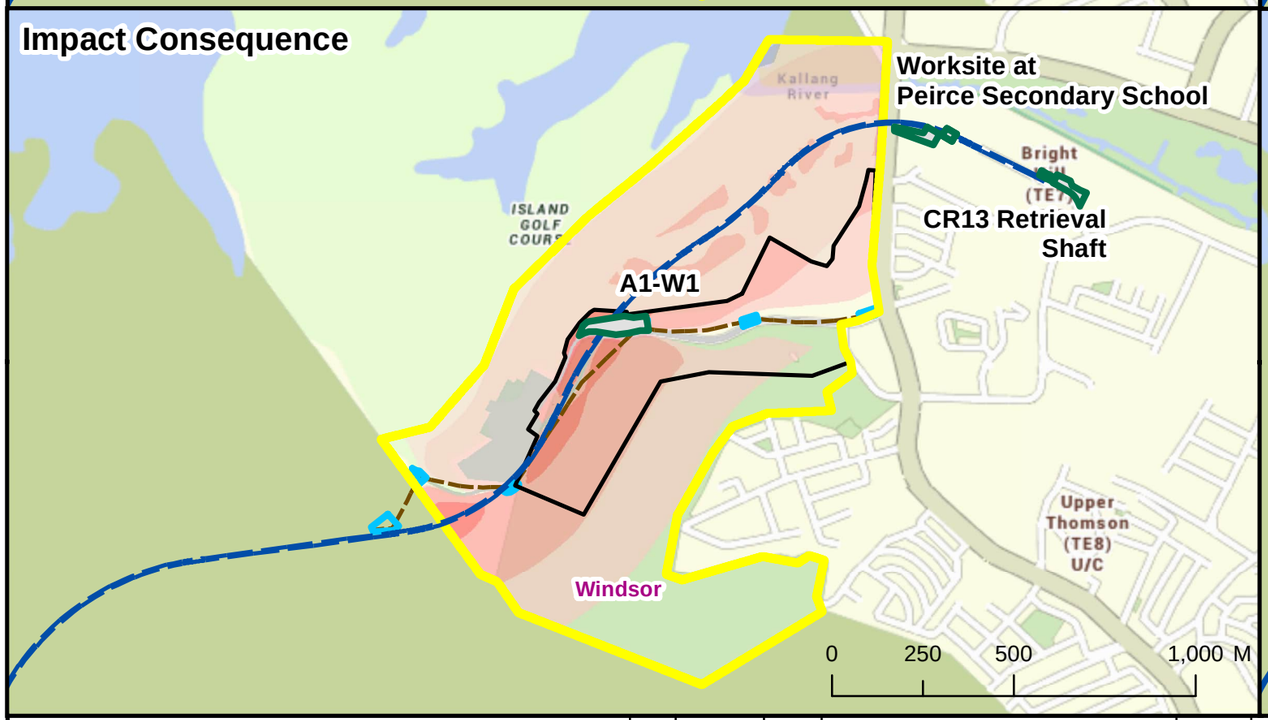
Figure Title :
VIBRATION ASSESSMENT FOR ROCK BREAKING AND EXCAVATION WORKS USING BS METHOD AT A1-W1 (1.7 KG) (MITIGATED SCENARIO)

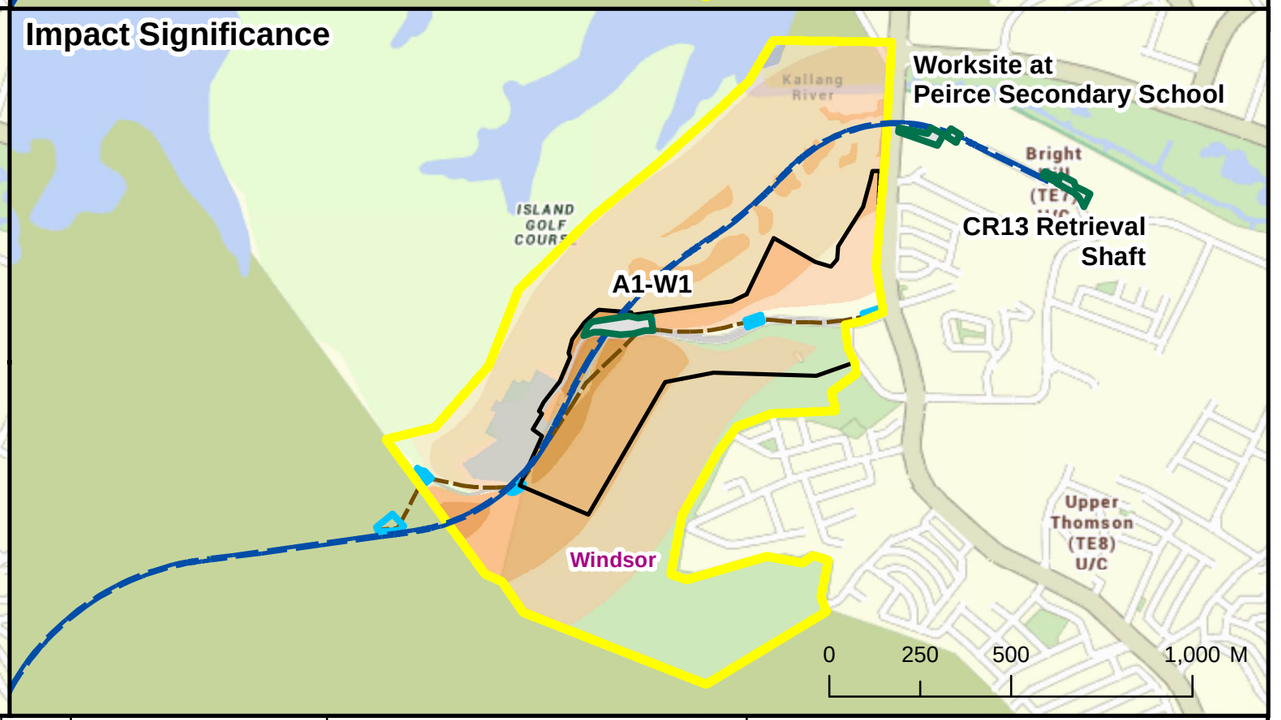
Designed	Checked	Approved	Figure No. :	Rev.	Sheet
EGY	JAG	JAG	CC - 6	-	1 of 1
	Drawn EGY	Date MAR 2022	CAD File Name : NA		A3

Note: Source of basemap - OneMap









Legend

- Mitigated Scenario Construction Worksite Footprint
- Proposed CRL Alignment (Mitigated)
- Study Area
- Biodiversity Study Area (Windsor)
- PUB Water Pipeline Project at BKSR (Shafts)
- PUB Water Pipeline Project at BKSR (Pipeline)

Predicted Vibration Level PPV (mm/s)	Impact Intensity	Impact Consequence	Impact Significance
0.02 - 0.19	Below Ambient	Below Ambient	Below Ambient
0.19 - 0.42	Negligible	Imperceptible	Negligible
0.42 - 0.80	Low	Very Low	Minor
0.80 - 1.41	Medium	Low	Moderate
1.41 - 2.87		Medium	Major
		Not Assessible	Not Assessible

N

Rev.	Date	By	Description	Chk'd	App'd
-	Mar 2022	EGY	EIS (Windsor and Eng Neo Avenue Forest)	JAG	JAG

Qualified Person Endorsement :
NA

LTA Endorsement :
NA

Consultant : AECOM

Land Transport Authority — We Keep Your World Moving

Project Title :
CONTRACT CR2005 ENVIRONMENTAL IMPACT STUDY (WINDSOR AND ENG NEO AVENUE FOREST)

Drawing Title :
OVERALL VIBRATION ASSESSMENT FOR TUNNEL BORING AT WINDSOR USING BS METHOD (MITIGATED SCENARIO)

Designed	Checked	Approved	Drawing No. :	Rev.	Sheet
EGY	JAG	JAG	CC - 7	-	1 of 1
	Drawn EGY	Date MAR 2022	CAD File Name : NA		A3

Note: Source of basemap - OneMap

Appendix DD

Construction Vibration Impact Assessment for Peirce Secondary School Worksite

Appendix DD Construction Vibration Impact Assessment at Peirce Secondary School Worksite

The rotary bore piling will potentially be carried out at Peirce Secondary School (base and mitigated scenarios) worksite. Ground-borne vibration levels due to rotary bore piling have been predicted for ecological receptors in the Study Area. The calculated likelihood shown in was used for the calculations.

Table 1 Likelihood Evaluation for Construction Activities for Ground-borne Vibration Impact Assessment

Activity	Frequency of Exposure	Likelihood of Occurrence
Rotary Piling	• Work period = 0.5 • Active vibration period for Machinery = 0.5 • 0.5 x 0.5 = 0.25	**Possible**
Bulldozer	• Work period = 0.5 • Active vibration period for Machinery = 0.5 • 0.5 x 0.5 = 0.25	**Possible**

Table 2 Construction Vibration Evaluation Outcomes for Burrow Damage

Construction Vibration Impact Assessment	Max Predicted Vibration Level At Priority 1 Receptors Outside Of The Worksite, PPV, Mm/S	Vibration Threshold for Damage/Collapse of the Burrow, PPV, mm/s	Evaluation Outcome
Peirce Secondary School Worksite (Rotary Bore Piling) base / mitigated scenario	Not Impacted	8	Unlikely to cause damage/collapse of the burrow.
Peirce Secondary School Worksite (Bulldozer) base / mitigated scenario	Not Impacted	8	Unlikely to cause damage/collapse of the burrow.

1.1 Rotary Bore Piling

For both the base and mitigated scenarios, the vibration assessment does not assess urban areas (such as houses, roads and other buildings) which make up the majority of the surroundings of the PSS worksite. Hence, the vibration impact of the construction activities on ecological receptors are not significant.

1.2 Bulldozer

For both the base and mitigated scenarios, the vibration assessment does not assess urban areas (such as houses, roads and other buildings) which make up the majority of the surroundings of the PSS worksite. Hence, the vibration impact of the construction activities on ecological receptors are not significant.

1.3 Summary

Both the rotary bore piling and bulldozer are suitable construction equipment at the Peirce Secondary School worksite. Although the size of the worksite area for the base and mitigated scenarios are different and the impact area is slightly different, the overall impact significance results for construction vibration impact assessments at Peirce Secondary School worksite (base and mitigated scenarios) is **not significant**.

Table 3 Construction Vibration Impact Assessment Results

Construction Vibration Impact Assessment	Baseline Vibration Level in Ecologically Sensitive Sites, PPV, mm/s	Max Predicted Vibration Level on Priority 1 Receptors and Outside Worksite, PPV, mm/s
Peirce Secondary School Worksite (Rotary Bore Piling) base / mitigated scenario	0.07	Not Significant
Peirce Secondary School Worksite (Rotary Bore Piling) base / mitigated scenario	0.07	Not Significant
Peirce Secondary School Worksite (Rotary Bore Piling) base / mitigated scenario	0.07	Not Significant
Peirce Secondary School Worksite (Bulldozer) base / mitigated scenario	0.07	Not Significant
Peirce Secondary School Worksite (Bulldozer) base / mitigated scenario	0.07	Not Significant
Peirce Secondary School Worksite (Bulldozer) base / mitigated scenario	0.07	Not Significant

Appendix EE

Construction Vibration Impact Assessment for CR13 Retrieval Shaft Worksite

Appendix EE Construction Vibration Impact Assessment at CR13 Retrieval Shaft Worksite

1. CR13 Retrieval Shaft Worksite (Windsor)

Ground improvement works will potentially be carried out at CR13 Retrieval Shaft (base and mitigated scenarios) worksite. The nearest biodiversity site to Retrieval Shaft (base and mitigated scenarios) is Windsor. Ground-borne vibration levels due to rotary bore piling have been predicted for ecological receptors in the Study Area. The calculated likelihood shown in Table 1 was used for the calculations.

Table 1 Likelihood Evaluation for Construction Activities for Ground-borne Vibration Impact Assessment

Activity	Frequency of Exposure	Likelihood of Occurrence
Rotary Piling	• Work period = 0.5 • Active vibration period for Machinery = 0.5 • 0.5 x 0.5 = 0.25	**Possible**
Bulldozer	• Work period = 0.5 • Active vibration period for Machinery = 0.5 • 0.5 x 0.5 = 0.25	**Possible**

Table 2 Construction Vibration Evaluation Outcomes for Burrow Damage/Collapse

Construction Vibration Impact Assessment	Max Predicted Vibration Level At Priority 1 Receptors Outside Of The Worksite, PPV, mm/S	Vibration Threshold for Damage/Collapse of the Burrow, PPV, mm/s	Evaluation Outcome
CR13 Retrieval Shaft Worksite (Rotary Bore Piling) base / mitigated scenario	Not Impacted	8	Unlikely to cause damage/collapse of the burrow.
CR13 Retrieval Shaft Worksite (Bulldozer) base / mitigated scenario	Not Impacted	8	Unlikely to cause damage/collapse of the burrow.

1.1 Rotary Bore Piling

For both the base and mitigated scenarios, the vibration assessment does not assess urban areas (such as houses, roads and other buildings) which make up the majority of the surroundings of the CR13 worksite. Hence, the vibration impact of the construction activities on ecological receptors are not significant.

1.2 Bulldozer

For both the base and mitigated scenarios, the vibration assessment does not assess urban areas (such as houses, roads and other buildings) which make up the majority of the surroundings of the PSS worksite. Hence, the vibration impact of the construction activities on ecological receptors are not significant.

1.3 Summary

Both the rotary bore piling and bulldozer are suitable construction equipment for the CR13 Retrieval Shaft worksite. The overall impact significance results for construction vibration impact assessments at CR13 Retrieval Shaft worksite (base and mitigated scenarios) is **not significant**. Mitigation measures are not required to mitigate the vibration impacts on the sensitive receptors within the Study Area.

Table 3 Construction Vibration Impact Assessment Results

Construction Vibration Impact Assessment	Baseline Vibration Level in Ecologically Sensitive Sites, PPV, mm/s	Max Predicted Vibration Level on Priority 1 Receptors and Outside Worksite, PPV, mm/s
CR13 Retrieval Shaft Worksite (Rotary Bore Piling) base / mitigated scenario	0.07	Not Significant
CR13 Retrieval Shaft Worksite (Rotary Bore Piling) base / mitigated scenario	0.07	Not Significant
CR13 Retrieval Shaft Worksite (Rotary Bore Piling) base / mitigated scenario	0.07	Not Significant
CR13 Retrieval Shaft Worksite (Bulldozer) base / mitigated scenario	0.07	Not Significant
CR13 Retrieval Shaft Worksite (Bulldozer) base / mitigated scenario	0.07	Not Significant
CR13 Retrieval Shaft Worksite (Bulldozer) base / mitigated scenario	0.07	Not Significant

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