



Appendix 5-1

Baseline Ecological Survey Report



**Contract No. PM 10/2014 Ecological Baseline Survey for
Drainage Improvement Works in Yuen Long, Stage 1**

Final Ecological Baseline Survey Report for Survey Works Part 1

Job Ref.: 14/976/331 DSD-YL

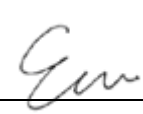

Date: November 2015

**Contract No. PM 10/2014
Ecological Baseline Survey for
Drainage Improvement Works in Yuen Long, Stage 1**

Final Ecological Baseline Survey Report for Survey Works Part 1

(Issue 3)

November 2015

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1 INTRODUCTION

- 1.1.1 AEC Ltd. (AEC) was appointed to conduct the ecological baseline surveys for the Project “Contract No. PM 10/2014 – Ecological Baseline Survey for Drainage Improvement Works in Yuen Long, Stage 1” (hereafter “the Project”) by the Drainage Services Department (hereafter “DSD”) between January and July 2015 for the Part 1 Survey Works.
- 1.1.2 The Project related to the Part 1 Survey Works comprises drainage improvement works near four villages (Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che) in Yuen Long to improve the drainage conditions in the areas. The proposed drainage improvement works are included in a designated project under Item I.1(b) of Part I, Schedule 2 of the EIAO, i.e. A drainage channel or river training and diversion works which discharges or discharge into an area which is less than 300m from the nearest boundary of an existing or planned (i) site of special scientific interest; (ii) site of cultural heritage; (iii) marine park or marine reserve; (iv) fish culture zone; (v) wild animal protection area; (vi) coastal protection area; or (vii) conservation area.
- 1.1.3 According to the Particular Specification of the contract, field surveys at the study areas should be carried out to fill the information gaps regarding the ecological characters of the Study Areas and to fulfil the objectives of the EIA Study Brief issued (ESB-279/2014). The objectives of the ecological baseline surveys are to:
- Identify the sensitive receivers present within the Study Area;
 - Establish an updated general ecological profile of the areas likely to be affected by the Project and describe the characteristics of each habitat and assemblage found; and
 - Provide baseline ecological conditions for assessment of potential environmental impacts caused by the Project activities and recommendation of mitigation measures to mitigate such impacts.
- 1.1.4 The Study Areas for Survey Works Part 1 are defined by a distance of 500m from the Work Limit Boundary.
- 1.1.5 This report is to present the survey data of Survey Works Part 1. Scientific names of species are only presented in this report if they do not occur in the Appendices or species have no common English name.

2 DESCRIPTION OF PHYSICAL ENVIRONMENT

2.1 Sung Shan New Village

- 2.1.1 The Work Limit Boundary is located on a watercourse to the southeast of Tai Shu Ha Road East. The Study Area covers Tong Tau Po Tsuen at the northwest, Sung Shan New Village at the east, Tai Shu Ha Road West at the south and Nam Hang Tsuen at the west.

2.2 Tai Wo

- 2.2.1 The Work Limit Boundary is located between Cheung Po and Tai Wo, and also passes through the village environ of the latter. The Study Area covers part of the Yuen Long San Tsuen at the north, a small area of Tai Lam Country Park at the southeast and south, and Tai Kek at the west.

2.3 Lin Fa Tei

2.3.1 The Work Limit Boundaries are located along Kam Sheung Road and reached Lin Fa Tei, and also on a watercourse, which is a tributary of Kam Tin River, located to the south of Lin Fa Tei. Its Study Area covers Shui Lau Tin at the north, Lai Uk Tsuen at the east, Ngau Keng at the south and Seasons Palace at the west.

2.4 Ha Che

2.4.1 The Work Limit Boundary is located between A Kung Tin (at the north) and Fu Hing Garden (at the south). The Study Area covers part of Lam Tsuen Country at the northwest to east, Wang Toi Shan Shan Tsuen at the south and Ha Che at the west.

3 RECOGNISED SITES OF CONSERVATION SIGNIFICANCE IN THE PROXIMITY TO THE STUDY AREAS

3.1 Sung Shan New Village

Conservation Area (CA)

3.1.1 A Conservation Area (CA) is located at the northeast and southeast of the Study Area. These areas are zoned as CA under the approved Tai Tong OZP No. S/YL-TT/16. This zoning is intended to protect and retain the existing natural landscape, ecological or topographical features of the area for conservation, educational and research purposes and to separate sensitive natural environment such as Country Park from the adverse effects of development. Generally, there is a presumption against development in this zoning; only developments that are required to support the conservation of the existing natural landscape or scenic quality or are essential infrastructure with overriding public interest may be permitted. The CA is located approximately 100 from the Work Limit Boundary.

3.2 Tai Wo

Cheung Po Ecologically Important Stream (EIS)

3.2.1 A section of a watercourse to the southeast of Cheung Po was listed as an Ecologically Important Stream (EIS (AFCD 2015a)). This Cheung Po EIS was covered entirely by the Study Area of the current study. According to Chan (2001), the Cheung Po EIS is a relatively unpolluted lowland stream with a diverse fish fauna and presence of locally rare freshwater fish species, and is, therefore, regarded as the most ecologically important stream in the Northwest New Territories. This EIS is approximately 50m from the Work Limit Boundary.

Conservation Area (CA)

3.2.2 Under the draft Kam Tin South OZP No. S/YL-KTS/12, the planning intention of this zoning is to protect and retain the existing natural landscape, ecological or topographical features of the area for conservation, educational and research purposes and to separate sensitive natural environment such as Country Park from the adverse effects of development. There is a presumption against development in this zoning in general. Only development, such as, essential infrastructure with overriding public interest or those that are required to support the conservation of the existing natural landscape or scenic quality, may be permitted. The CA is approximately 150m from the Work Limit Boundary.

Tai Lam Country Park

3.2.3 Tai Lam Country Park is the second largest country park in Hong Kong (AFCD 2015f). A mix of exotic and native vegetation species is recorded in this Country Park, including *Acacia confusa*, *Castanopsis fissa*, *Eucalyptus robusta*, *Machilus* spp. and *Pinus massoniana*. The forests in this Country Park provide habitats for a variety of wildlife, such as, mammals (Chinese Pangolin *Manis pentadactyla*, Leopard Cat, Red Muntjac *Muntiacus muntjak*), amphibians (Hong Kong Cascade Frog *Amolops hongkongensis*, Asiatic Painted Frog and Green Cascade Frog *Odorrana chloronota*), and reptiles (Chinese Cobra *Naja atra*, Reeves' Smooth Skink *Scincella reevesii* and Bicoloured Stream Snake *Opisthotropis lateralis*). Fish species, such as, Horse-mouth Chub *Opsariichthys bidens* and Rice Fish *Oryzias curvinotus* were also recorded. This Country Park is located at approximately 300 m from the Work Limit Boundary.

Ho Pui Egretty

3.2.4 The Ho Pui Egretty was located to the northwest of Ho Pui Village and the Kam Tin Secondary Drainage Channel KT13 (B&V 2006), which is outside of, but close to, the 500m Study Area of the current study. Ho Pui Egretty has been abandoned since in 2005 (Anon 2005). In 2004, before the abandonment, a maximum of 10 nests of Eastern Cattle Egrets on bamboo stands were observed in the Ho Pui Egretty (Anon 2004). This location is approximately 600m from the Work Limit Boundary.

Ma On Kong Egretty

3.2.5 Ma On Kong Egretty was located to the east of Toll Gate of Route No. 3 and to the south of the Pat Heung Road. This egretty has been abandoned since the breeding season of 2009 (Anon 2009). Up to 18 nests were recorded between 2000 and 2008 (Anon 2006). Chinese Pond Heron and Little Egret were recorded in this egretty (see more information of this egretty in **Section 4.2**). This location is approximately 900m from the Work Limit Boundary.

3.3 Lin Fa Tei

Conservation Area (CA)

3.3.1 An area at the southeast of the Study Area is zoned as CA. Under the approved Shek Kong OZP No. S/YL-SK/9, the planning intention of this zoning is to protect and retain the existing natural landscape, ecological or topographical features of the area for conservation, educational and research purposes and to separate sensitive natural environment such as Country Park from the adverse effects of development. There is a presumption against development in this zoning in general. Only development, such as, essential infrastructure with overriding public interest or those that are required to support the conservation of the existing natural landscape or scenic quality, may be permitted. The CA is located at approximately 100m from the Work Limit Boundary.

Tai Lam Country Park

3.3.2 Tai Lam Country Park is the second largest country park in Hong Kong (AFCD 2015f) and is described in Section 3.2.3. The Country Park is located outside the Study Area and is approximately 500m from the Work Limit Boundary.

3.4 Ha Che

Conservation Area (CA)

- 3.4.1 Conservation Area is identified within the Study Area. Under the approved Pat Heung OZP No. S/YL-PH/11, the planning intention of this zoning is to protect and retain the existing natural landscape, ecological or topographical features of the area for conservation, educational and research purposes and to separate sensitive natural environment such as Country Park from the adverse effects of development. There is a presumption against development in this zoning in general. Only development, such as, essential infrastructure with overriding public interest or those that are required to support the conservation of the existing natural landscape or scenic quality, may be permitted. The CA is approximately 50m from the Work Limit Boundary.

Ha Che Egretty

- 3.4.2 Ha Che Egretty was identified for the first time in the breeding season of 2002 (Wong 2002). Up to 45 nests were recorded in this egretty between 2002 and 2014 (Anon 2013). Nesting records of Chinese Pond Heron and Little Egret in this egretty have been made since its establishment. More information about this egretty is presented in **Section 4.4**. The egretty is located at approximately 100m from the Work Limit Boundary.

Lam Tsuen Country Park

- 3.4.3 Lam Tsuen Country Park is designated in 1979 (AFCD 2015e). This country park is planted with *Machilus* spp., *Acacia confusa*, *Lophostemon confertus* (AFCD 2015e). It supports a variety of biodiversity, such as, mammals (East Asian Porcupine *Hystrix brachyura*, Small-toothed Ferret Badger *Melogale moschata*, Chinese Pangolin and Leopard Cat), birds (Chinese Bulbul, Red-whiskered Bulbul, White-rumped Munia) and butterfly (Common Mormon, *Eurema* sp., Red Helen) (AFCD 2015e). The Country Park is approximately 400m from the Work Limit Boundary.

4 LITERATURE REVIEW FINDINGS

4.1 Sung Shan New Village

Vegetation

- 4.1.1 A native orchid species, *Spiranthes hongkongensis*, was recorded in the Yuen Long area by Siu (2000). The exact location of this record is not known. This species is protected under Cap. 96 Forests and Countryside Ordinance and Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance, and is considered as "Infrequent and Restricted" and assessed as "Vulnerable" by Barretto *et al.* (2011). According to AFCD (2015c), this species could be found "along little streams, paths between paddy, sunny grassy hillsides and newly available open habitats"; these habitats are present in the current Study Area, but this species was not recorded in the current study.

Mammal

- 4.1.2 Shek (2006) was checked for mammal species distribution; no species of conservation concern was recorded in or in the proximity to the current Study Area. Japanese Pipistrelle *Pipistrellus abramus*, which is very common locally (Shek 2006), was recorded by Arup (2004) in fish ponds and agricultural land; however, the locations are uncertain. Burrows of rodents (*Rattus* spp.) were recorded on hilly grassland within the survey area of Arup (2004); the locations of such records are uncertain.

Bird

- 4.1.3 A total of 46 bird species were recorded within the survey area of Arup (2004) which included the western part of the current Study Area; however, whether these species were found within the Study Area of the present study is uncertain. Of these 46 species, 10 species are of conservation concern (Fellowes *et al.* 2002; IUCN 2015) (see **Table 1**).

Table 1 Bird species of conservation concern recorded within the survey area of Arup (2004).

| Common Name | Species Name | Conservation and Protection Status ¹ | Principal Status ² |
|---------------------------|-------------------------------|---|-------------------------------|
| Little Grebe | <i>Tachybaptus ruficollis</i> | LC | P |
| Black-crowned Night Heron | <i>Nycticorax nycticorax</i> | (LC) | P |
| Chinese Pond Heron | <i>Ardeola bacchus</i> | PRC (RC) | P |
| Grey Heron | <i>Ardea cinerea</i> | PRC | W |
| Great Egret | <i>Ardea alba</i> | PRC (RC) | P |
| Little Egret | <i>Egretta garzetta</i> | PRC(RC) | P |
| Black Kite | <i>Milvus migrans</i> | (RC) | W,R |
| White-throated Kingfisher | <i>Halcyon smyrnensis</i> | (LC) | AM, P |
| Red-billed Starling | <i>Spodiopsar sericeus</i> | GC | W |
| White-shouldered Starling | <i>Sturnia sinensis</i> | (LC) | M,W,Su |

Notes:

- Conservation status by Fellowes *et al.* (2002): LC = Local Concern, PRC = Potential Regional Concern, RC = Regional Concern, GC = Global Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence; all wild birds in Hong Kong are protected under Wild Animals Protection Ordinance (Cap. 170).
- Principal status refers to Carey *et al.* (2001): R = Resident, Su = Summer Visitor, W = Winter Visitor, M = Migrant, A = Autumn, P = Present all year, exact composition unknown.

Reptile

- 4.1.4 Five common reptile species recorded by Arup (2004) were recorded in the agricultural land and may be recorded within the current Study Area. They are Chinese Gecko *Gekko chinensis*, Bowring' Gecko, Changeable Lizard, Chinese Skink and Long-tailed Skink.

Amphibian

- 4.1.5 Five locally common amphibian species were recorded in the survey area of Arup (2004), including Asian Common Toad, Asiatic Painted Frog, Paddy Frog, Günther's Frog and Brown Tree Frog.

Odonates

- 4.1.6 Eight dragonfly species were recorded in the survey area of Arup (2004), including Orange-tailed Sprite, Common Bluetail, Crimson Darter, Wandering Glider, Variegated Flutterer, Red-faced Skimmer, Green Skimmer and Crimson Dropwing. They are all either Abundant or Common (Tam *et al.* 2011).

Butterfly

- 4.1.7 Twenty-one butterfly species were recorded in the survey area of Arup (2004). All of the recorded species are not of conservation concern (Fellowes *et al.* 2002) and either Common and Very Common (Chan *et al.* 2011).

Freshwater Fish

- 4.1.8 Arup (2004) conducted aquatic fauna surveys in a watercourse at Sung Shan New Village and only Tilapia *Oreochromis* sp. was recorded.

Aquatic Invertebrate

- 4.1.9 No aquatic invertebrate was recorded in and in the proximity of the current Study Area by Arup (2004).

4.2 Tai Wo

Vegetation

- 4.2.1 The western side of the Tai Wo Study Area overlaps with the 500m ecological assessment study area of a study on drainage channel KT13 (B&V 2006). This study recorded *Michelia x alba* and *M. figo* from Cheung Po Village, which is within the current Study Area. Magnoliaceae species are protected under Cap. 96, however, both exotic species commonly planted as ornamental plants in villages and urban areas.
- 4.2.2 Siu (2000) reported rare species of orchid, *Spiranthes hongkongensis* from the Yuen Long area. All orchid species are protected by Cap. 96 and Cap. 586. According to AFCD (2015c), this species could be found “along little streams, paths between paddy, sunny grassy hillsides and newly available open habitats”; these habitats are present in the current Study Area, but this species was not recorded in the current study.
- 4.2.3 Study of *fung shui* woods by Webb (1996) based on examination of historical aerial photographs compiled a list of 337 *fung shui* woods, including three found in or in proximity to the current Study Area (Ma On Kong, Tai Wo and Yuen Kong). According to Webb (1996), the size of these *fung shui* woods ranged from 0.3ha to 2.5ha and located on flat terrain or on knoll. The latter two *fung shui* woods were listed in Chu (1998), no species of conservation concern was recorded in these woodlands; while the *fung shui* woods at Ma On Kong and Yuen Kong were included in other updated studies (Yip *et al.* 2004).
- 4.2.4 Based on the coordinates in Webb (1996) and Chu (1998), the Ma On Kong and Yuen Kong ones are outside the current Study Area; the Tai Wo one should be located within the current Study Area, but the existing land use is not a woodland habitat for the coordinates presented in these two literatures.

Mammal

- 4.2.5 The KT13 EIA Study recorded Musk Shrew in Ho Pui Village, which is located near the western limit of the current Study Area (B&V 2006). This species is common in Hong Kong (AFCD 2015b).
- 4.2.6 Shek *et al.* (2006) and the Hong Kong Biodiversity Database (AFCD 2015b) reported a total of four species of mammal in Tai Lam area, of which all are of conservation concern. They are summarized in **Table 2**.

Table 2 Mammal species of conservation concern recorded in Tai Lam by Shek (2006).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² |
|----------------------|--------------------------------|---|-------------------------------|
| Noctule Bat | <i>Nyctalus noctula</i> | PRC (RC), Cap. 170 | Fairly widespread |
| Rhesus Macaque | <i>Macaca mulatta</i> | CRDB(VU), Cap. 170, Cap.586 | Fairly widespread |
| Pallas's Squirrel | <i>Callosciurus erythraeus</i> | Cap. 170 | Fairly widespread |
| Small Asian Mongoose | <i>Herpestes javanicus</i> | Cap. 170, Cap. 586 | Fairly widespread |

Notes:

1. Conservation and protection status:
 - a. Conservation status by Fellowes *et al.* (2002): PRC = Potential Regional Concern, RC = Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence;
 - b. Conservation status by China Red Data Book (CRDB) Zhao (1998): VU=Vulnerable;
 - c. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance;
 - d. Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.
2. Hong Kong Status refers to Shek (2006).

Bird

4.2.7 A total of twenty-seven species of birds were recorded in the Study Area of the KT13 EIA Study (B&V 2006). Eight species out of the 27 are considered of conservation concern and are summarised in **Table 3**.

Table 3 Bird species of conservation concern recorded by B&V (2006).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² |
|---------------------------|----------------------------|---|-------------------------------|
| Chinese Pond Heron | <i>Ardeola bacchus</i> | PRC (RC) | P |
| Eastern Cattle Egret | <i>Bubulcus coromandus</i> | (LC) | P |
| Little Egret | <i>Egretta garzetta</i> | PRC (RC) | P |
| Crested Serpent Eagle | <i>Spilornis cheela</i> | (LC), CRDB(VU) | R,M |
| Bonelli's Eagle | <i>Aquila fasciata</i> | (RC), CRDB(R) | R |
| Greater Coucal | <i>Centropus sinensis</i> | CRDB(VU) | R |
| White-Throated Kingfisher | <i>Halcyon smyrnensis</i> | (LC) | AM,P |
| Eurasian Hobby | <i>Falco subbuteo</i> | (LC) | M,Su |

Notes:

1. Conservation and protection status:
 - a. Conservation status by Fellowes *et al.* (2002): LC = Local Concern, PRC = Potential Regional Concern, RC = Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence;
 - b. Conservation status by China Red Data Book (CRDB) Zheng and Wang (1998): VU=Vulnerable, R=Rare;
 - c. All wild birds in Hong Kong are protected under Wild Animals Protection Ordinance (Cap. 170).
2. Principal status refers to Carey *et al.* (2001): R = Resident; Su = Summer Visitor; M = Migrant; A = Autumn; P = Present all year, exact composition unknown.

4.2.8 Ho Pui Egretty, which was located outside and to the west of the Study Area, has been abandoned since 2005. Chinese Pond Heron, Eastern Cattle Egret and Little Egret were recorded in this egretty before it was abandoned. A maximum of 20 nests were recorded in 2002 between 2000 and 2004 (Wong 2002) (see **Table 4**). Chinese Pond Heron, Eastern Cattle Egret and Little Egret had been recorded in this egretty between 2000 and 2002; while in 2003 and 2004, only Eastern Cattle Egret was recorded.

Table 4 Number of nests recorded at Ho Pui Egretty from 2000 to 2004 (sources: Kwok *et al.* 2000; Wong and Kwok 2002; Wong 2002; Wong and Woo 2003; Anon 2004).

| Year \ Species | Little Egret | Chinese Pond Heron | Eastern Cattle Egret | Total |
|----------------|--------------|--------------------|----------------------|-------|
| 2000 | 2 | 2 | 9 | 13 |
| 2001 | 2 | 2 | 5 | 9 |
| 2002 | 2 | 1 | 17 | 20 |
| 2003 | - | - | 12 | 12 |
| 2004 | - | - | 10 | 10 |

4.2.9 Ma On Kong Egretty has been abandoned since the breeding season of 2009. This egretty is located outside and to the west of the Study Area. Chinese Pond Heron had been recorded mainly in this egretty before its abandonment, whereas one nest of Little Egret had been recorded in the breeding season of 2007. A maximum of 18 nests were recorded in 2006 between 2000 and 2008 (Anon 2006) (see **Table 5**).

Table 5 Number of nests recorded at Ma On Kong Egretty from 2000 to 2008 (sources: Kwok et al. 2000; Wong and Kwok 2002; Wong 2002; Wong and Woo 2003; Anon 2004; Anon 2005; Anon 2006; Anon 2007; Anon 2008).

| Year | Species | Little Egret | Chinese Pond Heron | Total |
|------|---------|--------------|--------------------|-------|
| 2000 | | - | 6 | 6 |
| 2001 | | - | 5 | 5 |
| 2002 | | - | 12 | 12 |
| 2003 | | - | 17 | 17 |
| 2004 | | - | 10 | 10 |
| 2005 | | - | 11 | 11 |
| 2006 | | - | 18 | 18 |
| 2007 | | 1 | 8 | 9 |
| 2008 | | - | 4 | 4 |

Reptile

4.2.10 Eight species of reptiles including Changeable Lizard, Long-tailed Skink, Reeve's Smooth Skink *Scincella reevesii*, Bowring's Gecko, Chinese Cobra *Naja atra*, Red-necked Keelback *Rhabdophis subminiatus* and Checkered Keelback were recorded by B&V (2006). All of the recorded species are considered to be common and widespread in Hong Kong (Karsen et al. 1998). Nevertheless, Chinese Cobra is considered of conservation concern and is a protected species in Hong Kong (see **Table 6**). AFCD (2015d) reported 20 species of reptiles from the Tai Lam Country Park. The reptile species of conservation concern recorded Tai Lam Country Park are presented in **Table 6**.

Table 6 Reptile species of conservation concern recorded in Tai Lam Country Park by AFCD (2015d).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² |
|----------------------|-----------------------------------|---|--|
| Indian Forest Skink | <i>Sphenomorphus indicus</i> | LC | Widely distributed in several parts of the New Territories |
| Mountain Wolf Snake | <i>Lycodon futsingensis</i> | LC | Extremely rare |
| Red Mountain Racer | <i>Oreocryptophis porphyracea</i> | LC | Rare |
| Common Rat Snake | <i>Ptyas mucosus</i> | IUCN(EN), PRC, Cap. 586 | Common in many open habitats throughout Hong Kong |
| Banded Krait | <i>Bungarus fasciatus</i> | IUCN(EN), RC | Very uncommon |
| Chinese Cobra | <i>Naja atra</i> | IUCN(VU), PRC, CRDB(VU), Cap. 586, | Occurs throughout the territory in many habitats |
| Mountain Water Snake | <i>Sinonatrix percarinata</i> | LC | Uncommon |

Notes:

- Conservation and protection status:
 - Conservation status by Fellowes et al. (2002): LC = Local Concern, PRC = Potential Regional Concern, RC = Regional Concern;
 - Conservation status by IUCN (2015): VU = Vulnerable, EN = Endangered;
 - Conservation status by China Red Data Book (CRDB) (Zhao 1998): VU=Vulnerable;
 - Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.
- Hong Kong status refers to Karsen et al. (1998).

Amphibian

4.2.11 B&V (2006) also recorded five species of amphibians, including Asian Common Toad, Asiatic Painted Frog, Paddy Frog, Günther's Frog and Brown Tree Frog. All of them are common and widespread in Hong Kong (Chan et al. 2005) and none are of conservation concern (Fellowes et al. 2002). AFCD (2015d) reported 14 species of amphibians from the Tai Lam Country Park. The amphibian species of conservation concern recorded Tai Lam Country Park are presented in **Table 7**.

Table 7 Amphibian species of conservation concern recorded in Tai Lam Country Park by AFCD (2015d).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² |
|------------------------|---------------------------------|---|--|
| Hong Kong Cascade Frog | <i>Amolops hongkongensis</i> | IUCN(EN), PGC, Cap. 170 | Found in New Territories and some locations in Hong Kong Island, but absent from outlying islands. |
| Chinese Bullfrog | <i>Hoplobatrachus rugulosus</i> | PRC | Widespread in Hong Kong and some localities on Lantau. |
| Lesser Spiny Frog | <i>Quasipaa exilispinosa</i> | IUCN(VU), PGC | Recorded throughout Hong Kong. |
| Brown Wood Frog | <i>Hylarana latouchii</i> | LC | Recorded in several localities in New Territories. |
| Two-striped Grass Frog | <i>Hylarana taipehensis</i> | LC | Uncommon and restricted to a few localities in New Territories. |
| Romer's Tree Frog | <i>Liuixalus romeri</i> | IUCN(EN), PGC, Cap. 170 | Endemic to Hong Kong. Originally restricted to outlying islands but was relocated to several localities in the New Territories and Hong Kong Island. |

Notes:

- Conservation and protection status:
 - Conservation status by IUCN (2015): VU = Vulnerable, EN = Endangered;
 - Conservation status by Fellowes *et al.* (2002): LC = Local Concern, PRC = Potential Regional Concern, PGC = Potential Global Concern;
 - Cap. 170 = Chapter 170 Wild Animals Protection Ordinance.
- Hong Kong status refers to Chan *et al.* (2005).

Dragonfly

4.2.12 One of the dragonfly species, Emerald Cascader, recorded by B&V (2006) is considered to be of Local Concern (Fellowes *et al.* 2002). The remaining 23 species recorded by B&V (2006) are all either locally common or abundant (Tam *et al.* 2011). Tam *et al.* (2011) and AFCD (2015b) reported a total of 11 species of dragonflies from the Tai Lam Country Park, of which nine are of conservation concern and are summarised in **Table 8** below.

Table 8 Dragonfly species of conservation concern recorded by B&V (2006) and in Tai Lam Country Park by Tam *et al.* (2011) and AFCD (2015b).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² |
|---------------------|-----------------------------------|---|-------------------------------|
| Dog-legged Clubtail | <i>Burmagomphus vermicularis</i> | LC | C |
| Hainan Hooktail | <i>Lamelligomphus hainanensis</i> | LC | UC |
| Giant Hooktail | <i>Megalogomphus sommeri</i> | LC | C |
| Tawny Hooktail | <i>Paragomphus capricornis</i> | RC | UC |
| Small Dragonhunter | <i>Sieboldius alexanderi</i> | GC | UC |
| Club-tailed Cruiser | <i>Macromia urania</i> | GC | C |
| Scarlet Dwarf | <i>Nannophya pygmaea</i> | LC | C |
| Black Riverdarter | <i>Onychothemis testacea</i> | LC | UC |
| Chinese Cascader | <i>Zygonyx asahinai</i> | GC | UC |
| Emerald Cascader | <i>Zygonyx iris</i> | PGC | A |

Notes:

- Conservation status by Fellowes *et al.* (2002): LC = Local Concern, RC = Regional Concern, GC = Global Concern.
- Hong Kong status refers to Tam *et al.* (2011): A = Abundant, C = Common, UC = Uncommon.

Butterfly

4.2.13 A total of 50 butterfly species were recorded from the survey area of B&V (2006). Only one of the recorded species, namely Danaid Egg-fly, is considered to be of Local Concern (Fellowes *et al.* 2002). Lo and Hui (2010) and AFCD (2015b) reported a total of 20 butterfly species from the Tai Lam area, of which 12 are of conservation concern and are summarised in **Table 9** below.

Table 9 Butterfly species of conservation concern recorded by B&V (2006) and at Tai Lam by Lo & Hui (2010) and AFCD (2015b).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² |
|--------------------|---------------------------------|---|-------------------------------|
| Tamil Grass Dart | <i>Taractroceras ceramas</i> | LC | R |
| Common Brownie | <i>Miletus chinensis</i> | LC | VR |
| Lesser Forest Blue | <i>Taraka hamada</i> | LC | R |
| Plain Hedge Blue | <i>Celastrina lavendularis</i> | LC | VR |
| Forest Quaker | <i>Pithecopus corvus</i> | LC | VR |
| Centaur Oak Blue | <i>Arhopala pseudocentaurus</i> | LC | VR |
| Spotted Royal | <i>Tajuria maculata</i> | LC | VR |
| Orange Punch | <i>Dodona egeon</i> | RC | R |
| Common Pierrot | <i>Castalius rosimon</i> | LC | Uncertain |
| Danaid Egg-fly | <i>Hypolimnas misippus</i> | LC | UC |
| Australian Lurcher | <i>Yoma Sabina</i> | - | VR |
| White Dragontail | <i>Lamproptera curius</i> | LC | R |
| Common Birdwing | <i>Troides helena</i> | Cap. 170; Cap. 586 | UC |

Notes:

1. Conservation and protection status:

- Fellowes *et al.* (2002): LC = Local Concern, RC = Regional Concern;
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance;
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.

2. Hong Kong Status refers to Chan *et al.* (2011): UC = Uncommon; R = Rare; VR = Very Rare.

Freshwater Fish

4.2.14 No freshwater fish surveys were recorded by B&V (2006). Surveys of freshwater fish conducted by Chan (2001) on Cheung Po EIS recorded nine freshwater fish species; eight of them are native to Hong Kong and two are of conservation concern (see **Table 10**).

Table 10 Freshwater fish species of conservation concern recorded at Cheung Po EIS by Chan (2001).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² |
|-----------------|--------------------------|---|-------------------------------|
| Chinese Rasbora | <i>Rasbora steineri</i> | GC | R |
| Rose Bitterling | <i>Rhodeus ocellatus</i> | LC | R |

Notes:

1. Conservation status by Fellowes *et al.* (2002): LC = Local Concern, GC = Global Concern.

2. Hong Kong status refers to Lee *et al.* (2004): R = Rare.

Aquatic Invertebrate

4.2.15 No aquatic invertebrates were recorded by B&V (2006).

4.3 Lin Fa Tei

Vegetation

4.3.1 A few individuals of *Ailanthus fordii* were recorded along Kam Sheung Road by ERM (2002). The exact location is not known, but a section of the Road is located within the current Study Area. This species is protected under Cap. 96 and regarded as Near Threatened in China (AFCD 2003); however, this species has been widely planted as landscape tree in Hong Kong (Xing *et al.* 2000; AFCD 2008).

4.3.2 Three *fung shui* woods listed by Webb (1996) were found within or in the proximity to the current Study Area, including Lin Fa Tei, To Uk Tsuen and Yuen Kong. The size of these *fung shui* woods ranged from 0.25ha to 1.0ha and located on flat terrain or on knoll. The one at Yuen Kong was listed by Chu (1998), and no species of conservation concern was recorded in this woodland. The *fung shui* wood at Yuen Kong was included in Yip *et al.* (2004).

4.3.3 Based on the coordinates presented in Webb (1996), the *fung shui* wood at Lin Fa Tei is located within the current 500m Study Area, but the existing land use is not a woodland habitat. The ones at To Uk Tsuen and Yuen Kong are outside the current 500m Study Area.

Mammal

- 4.3.4 No mammal species was recorded in or in the vicinity of the current Study Area by ERM (2002). The distribution of mammal species reported by Shek (2006) was checked; the species of conservation concern recorded at the Ma Pau Ling area, which is located at the southeast of the current Study Area, are summarised in **Table 11**.

Table 11 Mammal species of conservation concern recorded at Ma Pau Ling area (Shek 2006).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² |
|----------------------------|-------------------------------|---|--|
| Leschenault's Rousette | <i>Rousettus leschenaulti</i> | (LC), Cap. 170 | Fairly widespread |
| Intermediate Horseshoe Bat | <i>Rhinolophus affinis</i> | (LC), Cap. 170 | Widely distributed |
| Least Horseshoe Bat | <i>Rhinolophus pusillus</i> | PRC (RC), Cap. 170 | Widely distributed |
| Himalayan Leaf-nosed Bat | <i>Hipposideros armiger</i> | (LC), Cap. 170 | Widely distributed |
| Pomona Leaf-nosed Bat | <i>Hipposideros pomona</i> | (LC), Cap. 170 | Fairly widespread |
| Chinese Myotis | <i>Myotis chinensis</i> | (LC), CRDB(VU), Cap. 170 | Fairly widespread |
| Rickett's Big-footed Bat | <i>Myotis ricketti</i> | IUCN(NT), (LC), Cap. 170 | Fairly widespread |
| Horsfield's Myotis | <i>Myotis horsfieldii</i> | PRC (RC), Cap. 170 | Restricted distribution |
| Daubenton's Myotis # | <i>Myotis daubentonii</i> | (LC), Cap. 170 | Data deficient |
| Chinese Pipistrelle # | <i>Hypsugo pulveratus</i> | (LC), Cap. 170 | Restricted distribution |
| Lesser Bamboo Bat | <i>Tylonycteris pachypus</i> | (LC), CRDB(Rare), Cap. 170 | Fairly widespread |
| Greater Bent-winged Bat | <i>Miniopterus magnater</i> | PRC (RC), Cap. 170 | Data deficient |
| Lesser Bent-winged Bat | <i>Miniopterus pusillus</i> | (LC), Cap. 170 | Fairly widespread |
| Rhesus Macaque | <i>Macaca mulatta</i> | CRDB(VU), Cap. 170, Cap. 586 | Mainly distributed in Kam Shan, Shing Mun and Tai Po Kau |
| East Asian Porcupine | <i>Hystrix brachyura</i> | PGC, Cap. 170 | Fairly widespread |
| Red Muntjac | <i>Muntiacus muntjak</i> | PRC | Fairly widespread |

Key: # Historical Record as reported in Shek (2006).

Notes:

1. Conservation and protection status:
 - a. Conservation status by Fellowes *et al.* (2002): LC = Local Concern, PRC = Potential Regional Concern, RC = Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence;
 - b. Conservation status by China Red Data Book (CRDB) Zhao (1998): VU=Vulnerable;
 - c. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance;
 - d. Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.
2. Hong Kong Status refers to Shek (2006).

Bird

- 4.3.5 A total of 73 bird species were recorded by ERM (2002). The survey area of ERM (2002) covers the area mainly the Kam Tin River and its tributary, including the confluence of Shan Pui River and Kam Tin River at the north and Lin Fa Tei at the south. The bird species of conservation concern recorded in the survey area are presented in **Table 12**, however, it is not known whether they are recorded within or in proximity to the current Study Area. For those species which recorded locations are known, the recorded species are not of conservation concern (Fellow *et al.* 2002).

Table 12 Bird species of conservation concern recorded by ERM (2002).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² |
|---------------------------|-----------------------------------|---|-------------------------------|
| Little Grebe | <i>Tachybaptus ruficollis</i> | LC | P |
| Great Cormorant | <i>Phalacrocorax carbo</i> | PRC | W |
| Chinese Pond Heron | <i>Ardeola bacchus</i> | PRC (RC) | P |
| Little Egret | <i>Egretta garzetta</i> | PRC (RC) | P |
| Eastern Cattle Egret | <i>Bubulcus coromandus</i> | (LC) | P |
| Intermediate Egret | <i>Egretta intermedia</i> | RC | M,P |
| Black-crowned Night Heron | <i>Nycticorax nycticorax</i> | (LC) | P |
| Great Egret | <i>Ardea alba</i> | PRC (RC) | P |
| Grey Heron | <i>Ardea cinerea</i> | PRC | W |
| Black Kite | <i>Milvus migrans</i> | (RC) | W,R |
| Eurasian Hobby | <i>Falco subbuteo</i> | (LC) | M,Su |
| Little Ringed Plover | <i>Charadrius dubius</i> | (LC) | W,R |
| Common Redshank | <i>Tringa totanus</i> | RC | W |
| Black-headed Gull | <i>Chroicocephalus ridibundus</i> | PRC | W |
| Greater Coucal | <i>Centropus sinensis</i> | CRDB(VU) | R |
| Black-capped Kingfisher | <i>Halcyon pileata</i> | (LC) | AM,W |
| White-throated Kingfisher | <i>Halcyon smyrnensis</i> | (LC) | AM,P |
| Red-throated Pipit | <i>Anthus cervinus</i> | LC | M,W |
| Grey Bush Chat | <i>Saxicola ferreus</i> | LC | AM,W |
| Collared Crow | <i>Corvus torquatus</i> | IUCN(NT), LC | R |
| Red-billed Starling | <i>Spodiopsar sericeus</i> | GC | W |
| Pied Avocet | <i>Recurvirostra avosetta</i> | RC | W |
| Black-faced Spoonbill | <i>Platalea minor</i> | IUCN(EN), PGC, CRDB(EN) | W |
| Eastern Imperial Eagle | <i>Aquila heliaca</i> | IUCN(VU), GC, CRDB(VU) | W |

Notes:

1. Conservation and protection status:

- Conservation status by IUCN (2015): NT = Near Threatened, VU=Vulnerable, EN = Endangered;
- Conservation status by Fellowes *et al.* (2002): LC = Local Concern, PRC = Potential Regional Concern, RC = Regional Concern, PGC = Potential Global Concern, GC = Global Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence;
- Conservation status by China Red Data Book (CRDB) Zheng and Wang (1998): VU=Vulnerable, EN = Endangered;
- All wild birds in Hong Kong are protected under Wild Animals Protection Ordinance (Cap. 170).

2. Principal status refers to Carey *et al.* (2001): R = Resident, Su = Summer Visitor, M = Migrant, A = Autumn, W = Winter Visitor, P = Present all year, exact composition unknown.

Reptile

- 4.3.6 A single species, Red-necked Keelback, was recorded at the proximity to the current Study Area by ERM (2002). This species is widely recorded in the woodland areas in Hong Kong (Karsen *et al.* 1998).

Amphibian

- 4.3.7 A single species, Günther's Frog, was recorded at the proximity to the current Study Area by ERM (2002). This species is widely distributed in Hong Kong (Chan *et al.* 2005).

Dragonfly

- 4.3.8 Seven species were recorded in the proximity to the current Study Area by ERM (2002), including Common Bluetail, Asian Amberwing, Common Blue Skimmer, Common Red Skimmer, Green Skimmer, Variegated Flutterer and Crimson Dropwing. These species are not of conservation concern (Fellowes *et al.* 2002); and are all considered to be either Common or Abundant (Tam *et al.* 2011).

Butterfly

- 4.3.9 Seven butterfly species were recorded in the proximity to the current Study Area by ERM (2002), including Blue-spotted Crow *Euploea midamus*, Angled Castor, Common Bluebottle, Common Mormon, Common Grass Yellow, Red-base Jezebel and Great Orange Tip *Hebomoia glaucippe*. They are not of conservation concern (Fellowes *et al.* 2002); and they are all considered as either Common or Very Common by Chan *et al.* (2011).

Freshwater Fish

- 4.3.10 A single freshwater fish species, Tilapia *Oreochromis* sp., was recorded at Shui Tsan Tin area, which is located at the west of the current Study Area, by ERM (2002). Tilapias are exotic to and cultivated in Hong Kong, and can also be found in many watercourses in Hong Kong (Lee *et al.* 2004).

Aquatic Invertebrate

- 4.3.11 No aquatic invertebrate species was recorded in or in the vicinity of the current Study Area by ERM (2002).

4.4 Ha Che

Vegetation

- 4.4.1 No vegetation of conservation concern was recorded by ERM (2002) near or within the current Study Area.
- 4.4.2 Two *fung shui* woods within the current Study Area were listed by Webb (1996); they are Chuk Hang and Shui Kan Shek, with size of approximately 2ha and located on hillslope. The latter was studied in detail by Chu (1998) and studied by Yip *et al.* (2004). *Aquilaria sinensis* was recorded in Shui Kan Shek *fung shui* wood by Chu (1998). This species is protected by Cap. 586 and considered to be Vulnerable by IUCN (2015) and China Red Data Book (Pang *et al.* 2011), and Near Threatened (AFCD 2003), and protected under Category II in China.
- 4.4.3 According to the coordinates listed in Webb (1996), Chuk Hang and Shui Kan Shek *fung shui* woods are located within the current 500m Study Area. *Fung shui* wood mapped in the habitat map is based on the ones listed in Yip *et al.* (2004) and by checking the aerial photos for a closer canopy, hence, only the Shui Kan Shek one is mapped in **Figure 8**.

Mammal

- 4.4.4 No mammal species was recorded in or in the vicinity of the current Study Area by ERM (2002). Four mammal species of conservation concern were recorded near a section of Fan Kam Road near the Lam Tsuen Country Park by Shek (2006). The species of conservation concern recorded are presented in **Table 13**.

Table 13 Mammal species of conservation concern recorded near Fan Kam Road (section near Lam Tsuen Country Park) (Shek 2006).

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² |
|----------------------|---------------------------------|---|-------------------------------|
| East Asian Porcupine | <i>Hystrix brachyura</i> | PGC, Cap. 170 | Widely distributed |
| Masked Palm Civet | <i>Paguma larvata</i> | PRC, Cap. 170, Cap. 586 | Widely distributed |
| Leopard Cat | <i>Prionailurus bengalensis</i> | CRDB(VU), Cap. 170, Cap. 586 | Widely distributed |
| Red Muntjac | <i>Muntiacus muntjak</i> | PRC | Widely distributed |

Notes:

1. Conservation and protection status:
 - a. Conservation status by Fellowes *et al.* (2002); PRC = Potential Regional Concern;
 - b. Conservation status by China Red Data Book (CRDB) Zhao (1998): VU=Vulnerable;
 - c. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance;
 - d. Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.
2. Hong Kong Status refers to Shek (2006).

Bird

- 4.4.5 A total of 73 bird species were recorded by ERM (2002). The survey area of ERM (2002) covers the area mainly the Kam Tin River and its tributary, including the confluence of Shan Pui River and Kam Tin River at the north and Lin Fa Tei at the south. The bird species of conservation concern recorded in the survey area are presented in **Table 12**, however, it is not known whether they are recorded within or in proximity to the current Study Area. For those species which recorded locations are known, the recorded species are not of conservation concern (Fellow *et al.* 2002).
- 4.4.6 Since the establishment of Ha Che Egretty in 2002, Chinese Pond Heron and Little Egret had been recorded for nesting in this egretty, while the latter was always in lower number but was not recorded in 2006 and 2008 (see **Table 14**). The number of nests recorded in this egretty between 2002 and 2014 are presented in **Table 14**. The number recorded fluctuated in these years and peaked at 2013 with a total of 45 nests recorded (consisted of 3 nests of Little Egret and 42 of Chinese Pond Heron).

Table 14 Number of nests recorded at Ha Che Egretty from 2002 to 2014 (sources: Wong 2002; Wong and Woo 2003; Anon 2004; Anon 2005; Anon 2006; Anon 2007; Anon 2008; Anon 2009; Anon 2010; Anon 2012a; Anon 2012b; Anon 2013; Anon 2014).

| Year \ Species | Little Egret | Chinese Pond Heron | Total |
|----------------|--------------|--------------------|-------|
| 2002 | 3 | 27 | 30 |
| 2003 | 3 | 33 | 36 |
| 2004 | 3 | 32 | 35 |
| 2005 | 3 | 24 | 27 |
| 2006 | - | 17 | 17 |
| 2007 | 1 | 19 | 20 |
| 2008 | - | 16 | 16 |
| 2009 | 2 | 24 | 26 |
| 2010 | 3 | 28 | 31 |
| 2011 | 3 | 25 | 28 |
| 2012 | 6 | 29 | 35 |
| 2013 | 3 | 42 | 45 |
| 2014 | 4 | 31 | 35 |

Reptile

- 4.4.7 No reptile species was recorded in or in the proximity to the current Study Area by ERM (2002).

Amphibian

- 4.4.8 No amphibian species was recorded in or in the vicinity of the current Study Area by ERM (2002). Breeding of Hong Kong Newt was recorded at the lower section of a watercourse at San Lung Wai, which is at the south of the current Study Area and approximately 300m from the Work Limit Boundary, by Chan (2001).

Dragonfly

4.4.9 No dragonfly species was recorded in or in the vicinity of the current Study Area by ERM (2002).

Butterfly

4.4.10 No butterfly species was recorded in or in the vicinity of the current Study Area by ERM (2002).

Freshwater Fish

4.4.11 No freshwater fish species was recorded in or in the vicinity of the current Study Area by ERM (2002). Chan (2001) conducted freshwater fish surveys in a watercourse at San Lung Wai, and recorded four species (Chinese Barb, Oriental Weatherfish, Guppy and *Rhinogobius duospilus*). These species are not of conservation concern; and are common locally (Lee *et al.* 2004).

Aquatic Invertebrate

4.4.12 No aquatic invertebrate species was recorded in or in the vicinity of the current Study Area by ERM (2002).

5 METHODOLOGIES

5.1 Habitat Survey

5.1.1 Habitats within the Study Areas were identified and delineated on habitat map(s) of suitable scale (1:5000). Reference was made to the aerial photos provided by the Engineer and supplemented by ground-truthing along the survey transects and woodland areas outside the survey transects. The habitat maps were prepared by GIS software to illustrate the size and distribution of each habitat type, especially the different types of woodland habitats (e.g. *fung shui* woodland, secondary woodland, plantation) and natural or man-made wetlands (e.g. natural watercourses, drainage channel, agricultural land, marshes).

5.1.2 Ecological characteristics of each habitat type, such as, the size, vegetation type, species present, dominant species, species diversity and abundance, community structure, seasonal patterns and inter-dependence of habitats and species, were identified. The physical attributes of the watercourses, such as, the riparian zone, the depth and width, substrate type, and any signs of disturbance were recorded. Representative photos of the habitats and any other important ecological features were taken and presented. The habitats along the survey transect were checked during other surveys or site visits at the Study Area.

5.2 Vegetation Survey

5.2.1 Vegetation survey was conducted along transects which covers the representative areas of each habitat type and woodland areas outside the survey transects within the Study Area. All plant species encountered were identified and their relative abundance in each habitat was estimated. Photos were taken for the vegetation species of conservation concern found. The vegetation surveys were conducted generally once in the dry and wet seasons respectively. Nomenclature and conservation status of plant species follows Hong Kong Herbarium website, Xing *et al.* (2000), Wu and Lee (2000) and Siu (2000).

5.3 Mammal Survey

5.3.1 As most mammal species occur at low density, the mammal survey included direct observation and active searching along transects at day-time for signs of their activities (such as potential roost, burrows, footprints and droppings). The mammal surveys were conducted simultaneously with the herpetofauna surveys. The day-time surveys were conducted once in the dry season and twice in the wet season. Night-time survey was conducted once in the dry and wet seasons respectively for sightings of bats and nocturnal mammals. The individuals/ signs/ roosts were identified, recorded and counted as far as practicable. Photos were taken, as far as practicable, for the mammal species of conservation concern recorded. Nomenclature of mammal follows Shek (2006).

5.4 Bird Survey

5.4.1 Bird surveys were conducted along transect and at point count locations, which covered the representative areas of each habitat type within the Study Area, during early mornings (which the birds are most active). All birds sighted/heard along transects were recorded and quantified as far as practical. Any nest/breeding activities were noted. Each point count location were surveyed for 10 minutes; during which all birds sighted or heard within 30m of the counting point were counted and identified to species level as far as practical. Any bird sighted/heard outside the counting points but within the Study Area was also recorded to supplement the species list. Special attention was put on the uses of the wetland habitats within and in the immediate vicinity of the Project Area by waterbirds. The day-time bird surveys were conducted monthly between February and July; night-time bird surveys were conducted once in the dry and wet seasons respectively. Photos were taken, as far as practicable, for the bird species of conservation concern recorded. Nomenclature follows the latest bird list from the Hong Kong Bird Watching Society.

5.4.2 Methodologies of conducting the egret flight lines surveys at Ha Che Egretty were presented in the Supplementary Report on Nesting Activities at Ha Che Egretty, which was submitted in July 2015.

5.5 Herpetofauna Survey

5.5.1 Herpetofauna surveys were carried out, at day-time, by direct observation and active searching at potential refuges (such as leaf litter, ground holes, underneath logs or metallic plates, stagnant /running waterbodies etc.) for the signs or presence of adult, sub-adult, egg, or shed body parts. Night-time surveys were conducted to look for the nocturnal reptile species and record amphibian species by hearing the calls.

5.5.2 Day-time surveys were conducted once in the dry season and twice in the wet season. Night-time surveys were conducted once in dry and wet seasons respectively. Photos were taken, as far as practicable, for the herpetofauna species of conservation concern recorded. Nomenclature and conservation status follows AFCD (2006), Chan *et al.* (2005) and Karsen *et al.* (1998).

5.6 Odonates and Butterfly Survey

5.6.1 The surveys for odonates and butterfly were conducted by direct observation and active searching for the adult and caterpillar/nymphs within 5m from either side of the transects and 5m ahead within the Study Area. All odonates and butterflies encountered were recorded and identified as far as practical; their abundance was also quantified as far as practical. The individuals encountered outside the transects but within the Study Area were also be recorded

to supplement the species list. Day-time surveys were conducted once in the dry season and twice in the wet season, in suitable weather conditions. Photos were taken, as far as practicable, for the odonates and butterfly species of conservation concern recorded. Nomenclature for odonates follows Tam *et al.* (2011) and butterfly follows Lo and Hui (2010).

5.7 Freshwater Fish Survey

5.7.1 Freshwater fish surveys were conducted at the representative aquatic habitats (including ponds, natural and man-made watercourse) within the Study Area. The surveys were carried out by bank side observation and supplemented by active searching with hand nets. All of the freshwater fish found was identified with its estimated abundance recorded. The surveys were conducted once in the dry season and twice in the wet season. Photos were taken, as far as practicable, for the fish species of conservation concern recorded. Nomenclature for freshwater fish follows Lee *et al.* (2004).

5.8 Aquatic Invertebrate Survey

5.8.1 Netting was carried out to survey the aquatic invertebrates at the sampling points for aquatic fauna. The aquatic invertebrate found/captured was identified and quantified as far as possible. The surveys were conducted once in dry season and twice in the wet season.

5.9 Survey Programme

5.9.1 The surveys conducted between January and July 2015 for the Project is summarised in **Table 15**.

Table 15 Survey conducted between January and July 2015.

| | Dry Season | | | Wet Season | | | |
|----------------------------------|------------|-----|-----|------------|-----|-----|-----|
| | Jan | Feb | Mar | Apr | May | Jun | Jul |
| Sung Shan New Village | | | | | | | |
| Habitat and Vegetation Survey | | ✓ | ✓ | | | | ✓ |
| Mammal Survey (day-time) | | | ✓ | ✓ | | ✓ | |
| Mammal Survey (night-time) | | | ✓ | | | ✓ | |
| Bird Survey (day-time) | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bird Survey (night-time) | | | ✓ | | | ✓ | |
| Herpetofauna Survey (day-time) | | | ✓ | ✓ | | ✓ | |
| Herpetofauna Survey (night-time) | | | ✓ | | | ✓ | |
| Odonates and Butterfly Survey | | ✓ | | ✓ | | ✓ | |
| Freshwater Fish Survey | | ✓ | | ✓ | ✓ | | |
| Aquatic Invertebrate Survey | | ✓ | | ✓ | | ✓ | |
| Tai Wo | | | | | | | |
| Habitat and Vegetation Survey | | ✓ | ✓ | | | | ✓ |
| Mammal Survey (day-time) | | | ✓ | ✓ | | ✓ | |
| Mammal Survey (night-time) | | | ✓ | | | ✓ | |
| Bird Survey (day-time) | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bird Survey (night-time) | | | ✓ | | | ✓ | |
| Herpetofauna Survey (day-time) | | | ✓ | ✓ | | ✓ | |
| Herpetofauna Survey (night-time) | | | ✓ | | | ✓ | |
| Odonates and Butterfly Survey | | ✓ | | ✓ | | ✓ | |
| Freshwater Fish Survey | | ✓ | | ✓ | ✓ | (✓) | (✓) |
| Aquatic Invertebrate Survey | | ✓ | | ✓ | ✓ | (✓) | (✓) |
| Lin Fa Tei | | | | | | | |
| Habitat and Vegetation Survey | ✓ | ✓ | | | | | ✓ |
| Mammal Survey (day-time) | | | ✓ | | ✓ | ✓ | |
| Mammal Survey (night-time) | | | ✓ | | | ✓ | |

| | Dry Season | | | Wet Season | | | |
|----------------------------------|------------|-----|-----|------------|-----|-----|-----|
| | Jan | Feb | Mar | Apr | May | Jun | Jul |
| Bird Survey (day-time) | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bird Survey (night-time) | | | ✓ | | | ✓ | |
| Herpetofauna Survey (day-time) | | | ✓ | | ✓ | ✓ | |
| Herpetofauna Survey (night-time) | | | ✓ | | | ✓ | |
| Odonates and Butterfly Survey | | ✓ | | ✓ | | ✓ | |
| Freshwater Fish Survey | | ✓ | | ✓ | ✓ | (✓) | |
| Aquatic Invertebrate Survey | | ✓ | | ✓ | (✓) | (✓) | ✓ |
| Ha Che | | | | | | | |
| Habitat and Vegetation Survey | | ✓ | | | | | ✓ |
| Mammal Survey (day-time) | | | ✓ | | ✓ | ✓ | |
| Mammal Survey (night-time) | | | ✓ | | | ✓ | |
| Bird Survey (day-time) | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bird Survey (night-time) | | | ✓ | | | ✓ | |
| Herpetofauna Survey (day-time) | | | ✓ | | ✓ | ✓ | |
| Herpetofauna Survey (night-time) | | | ✓ | | | ✓ | |
| Odonates and Butterfly Survey | | ✓ | | ✓ | | ✓ | |
| Freshwater Fish Survey | | ✓ | | ✓ | ✓ | | |
| Aquatic Invertebrate Survey | | ✓ | | ✓ | | ✓ | |

Key: (✓) represents surveys at the proposed new sampling points for aquatic fauna.

6 RESULTS OF BASELINE ECOLOGICAL SURVEYS

6.1 Sung Shan New Village

Habitat and Vegetation

6.1.1 Habitats within the Study Area were mapped of scale 1:5,000 based on the basemaps and aerial photos provided by the Engineer. The habitat area within the Work Limit Boundary and the Study Area is summarised in **Table 16**, the habitat map is presented in **Figure 5** and the representative photographs of the major habitat types present within the Study Area are provided in **Appendix A, Table A10.1**.

Table 16 Habitats present within the Work Limit Boundary and Study Area of Sung Shan New Village.

| Habitat | Work Limit Boundary | 500m Study Area (including Work Limit Boundary) |
|-------------------------------|---------------------|---|
| Agricultural Land | - | 1.4 |
| Pond | - | 0.3 |
| Major Channelised Watercourse | 0.1 | 1.1 |
| Minor Watercourse | 0.3 | 2.3 |
| Grassland | - | 34.1 |
| Grassland/Shrubland | - | 6.0 |
| Secondary Woodland | - | 3.9 |
| Plantation | 0.3 | 14.2 |
| Waste Ground | - | 10.9 |
| Urban/Residential Area | 0.4 | 63.6 |
| Total | 1.1 | 137.8 |

Note: the totals may not equal to the sum of the area of each habitat due to roundings.

6.1.2 The locations of the floral species of conservation concern recorded during the course of surveys were presented in **Figure 5**. The plant list of each habitat is presented in **Appendix A, Table A1.1**.

Agricultural Land

- 6.1.3 A total of 12 vegetation species were recorded in this habitat. Several areas of agricultural land are within the Study Area. The agricultural land was mainly active and dominated by dryland crops. This habitat is very dynamic in nature due to both natural succession and human interference. Fruit trees (e.g. *Artocarpus heterophyllus* and *Dimocarpus longan*) and crops (e.g. *Lycium chinense*, *Lycopersicon esculentum* and *Saccharum officinarum*) were recorded, along with other herbaceous species including *Alocasia macrorrhizos* and *Musa x paradisiaca*.

Pond

- 6.1.4 Fifteen vegetation species were recorded in this habitat. Three ponds were found within the Study Area. The floral diversity recorded was low and included herb *Bidens alba*, grass *Panicum dichotomiflorum*, climber *Mikania micrantha*, trees *Celtis sinensis*, *Dimocarpus longan*, *Ficus hispida* and *Psidium guajava*.

Watercourse

- 6.1.5 Watercourses were identified within the Work Limit Boundary as well as in the Study Area and include channelised drainage channel (Major Channelised Watercourse) and smaller watercourses with various degree of channelization (Minor Watercourse). The former receives regular management. The latter includes the tributary of the former and the hillside seasonal watercourses, with various degrees of bank/bottom modification and human disturbance. **Figure 9** shows the degree of naturalness of the watercourses within the 500m Study Area of Sung Shan New Village. The natural watercourses include those with natural bank and bottom and do not have any significant human disturbance, the semi-natural watercourses include those which the bank/bottom are modified or there are signs of human disturbance, and the channelised ones include the watercourses with concrete bank and/or bottom.
- 6.1.6 A total of 109 vegetation species were recorded in this habitat. Freshwater fish and aquatic invertebrate surveys were conducted at the sampling points for the aquatic fauna. The physical description of the watercourse at the sampling points is presented in **Table 17**. Riparian zone was covered by common herbs *Alocasia macrorrhizos*, *Bidens alba*, *Commelina diffusa*, *Eclipta prostrata*, *Ludwigia perennis*, planted Common Banana *Musa x paradisiaca* and self-sown trees *Ficus subpisocarpa*, *Macaranga tanarius* var. *tomentosa* and *Mangifera indica*. A seedling of *Aquilaria sinensis* was recorded at the riparian zone of the section of watercourse within the Work Limit Boundary. This species is considered to be Vulnerable by IUCN (2015) and China Red Data Book (Pang *et al.* 2011), and Near Threatened (AFCD 2003), and protected under Category II in China and Cap. 586 in Hong Kong.

Table 17 Physical description of the watercourses at the sampling points for aquatic fauna.

| Substrate Type | Depth and Width | Riparian Zone | Sign of Disturbance |
|---|---|--|--|
| Sampling Point A1 | | | |
| <u>Bank</u> : channelised <u>Bottom</u> : a mix of stony and sandy bottom to the upstream of A1, and channelised concrete bottom to the downstream of A1 | <u>Width of Waterway</u> : approximately 0.5-1m <u>Water Depth</u> : <0.5m | Very few vegetation along the watercourse with a few trees of sparse canopy. | A few domestic litter on river bank |
| Sampling Point A2 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : a mix of stony and muddy bottom | <u>Width of Waterway</u> : approximately 2-3m, <u>Water Depth</u> : <0.5m | Low density of plantation covered the watercourse; vegetation partially overgrown above the watercourse. | Sewage pipe discharge, domestic litter and construction waste on the bank of |

| Substrate Type | Depth and Width | Riparian Zone | Sign of Disturbance |
|--|---|---|---|
| | | | watercourse |
| Sampling Point A3 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : muddy bottom | <u>Width of Waterway</u> : approximately 10m <u>Water Depth</u> : <0.3m | Overgrown vegetation along the watercourse without tall trees | Domestic litter along the bank of watercourse |

Grassland

- 6.1.7 Grassland was located on the hillside areas at the fringe of the Study Area. A total of 132 vegetation species were recorded in grassland. Vegetative succession is arrested in this habitat due to regular hill fires. Grassland was dominated by herbs *Bidens alba*, fern *Dicranopteris pedata* and *Lygodium japonicum*, and grass *Chloris barbata*, *Eleusine indica* and *Imperata cylindrica* var. *major*. Woody vegetation included shrubs *Breynia fruticosa*, *Bridelia tomentosa* and *Clerodendrum fortunatum*, and trees *Ficus hispida*, *Litsea glutinosa* and *Melia azedarach*.

Grassland/Shrubland

- 6.1.8 Grassland/shrubland habitat mix was located on hillsides. These areas are succeeded from the grassland when they are left without regular human disturbance (e.g. hill fires). Seventy-eight vegetation species were recorded in this habitat and the dominant vegetation species recorded includes herbs *Bidens alba*, and grass *Chloris barbata* and *Panicum maximum*, with shrubby species including *Glochidion eriocarpum*, *Lantana camara*, *Melastoma malabathricum*, , and the small tree species *Rhus chinensis*, and *Rhus succedanea*.

Secondary Woodland

- 6.1.9 Two patches of secondary woodland were recorded within the Study Area, one at Sung Shan New Village and one to the south of the Work Limit Boundary, with a total of 75 vegetation species recorded. Secondary woodland was dominated by native small tree and tree species, such as, *Aporosa dioica*, *Bridelia tomentosa*, *Celtis sinensis*, *Litsea glutinosa*, *Macaranga tanarius* var. *tomentosa* and *Mallotus paniculatus* with understorey dominated by herbs *Alocasia macrorrhizos* and *Bidens alba*, fern *Cyclosorus parasiticus* and climber *Tetracera asiatica*. A young tree of *Aquilaria sinensis*, which is protected by Cap. 586 and common in lowland forest, was recorded within the secondary woodland within the Study Area. Woody climber *Gnetum luofuense* was recorded in the urbanised area which is located at the edge of secondary woodland. This species are listed as Near Threatened by IUCN (2015), but considered to be Very Common and Common in Xing *et al.* (2000) and AFCD (2007) respectively.

Plantation

- 6.1.10 Plantation was located along the watercourse within the Work Limit Boundary and scatter around the Study Area, with a total of 108 vegetation species recorded. Tree species recorded include planted exotic plantation species *Acacia confusa* and *Ficus benjamina*, and self-sown native species such as *Mallotus paniculatus*, *Psychotria asiatica*, *Schefflera heptaphylla*, *Zanthoxylum avicennae* with understory made up of *Alocasia macrorrhizos*, shrub *Lantana camara* and *Ligustrum sinense*. A sapling of *Aquilaria sinensis*, which is locally protected by Cap. 586 and common in lowland forest, was recorded within the planation in the Study Area.

Waste Ground

6.1.11 Waste ground was dominated by invasion of weedy herbaceous species on abandoned lands and was found throughout Study Area, with 64 vegetation species recorded. Common species recorded include herbs *Ageratum conyzoides*, *Bidens alba*, *Chenopodium ficifolium* and *Wedelia trilobata*, grass *Chloris barbata*, *Panicum maximum*, *Pennisetum purpureum*, herbaceous climbers *Ipomoea cairica* and *Mikania micrantha*, shrub *Lantana camara* and tree *Leucaena leucocephala*.

Urban/Residential Area

6.1.12 Urban/residential area occupies much of the Study Area. This habitat includes the village areas, small agricultural lands and small areas of plantation (mainly fruit tree species) around the village houses, open storage areas, road-side planting stripes and roads. This habitat has the highest number of vegetation species recorded in the Study Area (178 species). Herb species recorded include *Ageratum conyzoides*, *Bidens alba* and *Wedelia trilobata*, and grass *Imperata cylindrical* var. *major*. Shrub *Bougainvillea spectabilis*, *Calliandra haematocephala*, *Hibiscus rosa-sinensis* and *Lantana camara*, and fruit trees species, *Artocarpus heterophyllus*, *Dimocarpus longan* and *Litchi chinensis* were also recorded. A seedling of *Aquilaria sinensis*, probably a planted specimen, was recorded at the village area within the Study Area. This species is locally protected under Cap. 586 in Hong Kong. An exotic species, *Lagerstroemia indica*, is protected under Cap. 96, but this species is often planted locally. The recorded specimen is planted and, hence, not mapped in **Figure 5**. Another exotic tree species *Podocarpus macrophyllus* var. *maki*, which is listed as Near Threatened on IUCN Red List, was also recorded in this habitat. However, this species has been widely planted in China and Southeast Asia as an ornamental plant. The recorded individual is also a cultivated individual and, hence, not mapped in **Figure 5**.

Mammal

6.1.13 Two mammal species, Pallas's Squirrel and Eurasian Wild Pig, were recorded (see **Appendix A, Table A2.1**). The former is protected under Cap. 170 Wild Animals Protection Ordinance. They are both common in Hong Kong (AFCD, 2015b).

Bird

6.1.14 A total of 51 bird species were recorded (see **Appendix A, Table A3.1**). Four species recorded are considered to be of conservation concern by Fellowes *et al.* (2002), including Chinese Pond Heron (Potential Regional Concern; recorded in watercourse), Little Egret (Potential Regional Concern; recorded in watercourse), Crested Serpent Eagle (Local Concern for the breeding population; recorded in flight) and Black Kite (Regional Concern for the breeding population; recorded in flight). Five species are considered to be of conservation concern in China, they are Crested Serpent Eagle (recorded in flight), Crested Goshawk (recorded in flight), Common Emerald Dove (recorded in secondary woodland), Greater Coucal (recorded in watercourse, grassland, secondary woodland and plantation) and Lesser Coucal (recorded grassland, grassland/shrubland and plantation).

Reptile

6.1.15 A total of five reptile species were recorded (see **Appendix A, Table A4.1**); One of these species, Common Rat Snake, is considered to be of Potential Regional Concern by Fellowes *et al.* (2002) and Endangered by the China Red Data Book (Zhao 1998) (refer to **Figure 5** for the location recorded). This species was recorded in secondary woodland.

Amphibian

- 6.1.16 Six amphibian species were recorded, including Asian Common Toad, Butler's Pigmy Frog, Ornate Pigmy Frog, Paddy Frog, Günther's Frog and Brown Tree Frog (see **Appendix A, Table A5.1**). They are all either widely distributed in Hong Kong or can be recorded in central and northern New Territories (AFCD 2015b).

Odonates

- 6.1.17 Seventeen dragonfly species were recorded (see **Appendix 6, Table A6.1**); all of these species are not of conservation concern (Fellowes *et al.* 2002) and are considered to be abundant or common by AFCD (2015b).

Butterfly

- 6.1.18 Thirty-nine butterfly species were recorded and no species of conservation concern (Fellowes *et al.* (2002) was recorded (see **Appendix A, Table A7.1**).

Freshwater Fish

- 6.1.19 Seven freshwater fish species were recorded at the sampling points for aquatic fauna (see **Appendix A, Table A8.1**). They are all common species (AFCD 2015b).

Aquatic Invertebrate

- 6.1.20 Thirteen species of aquatic invertebrate were recorded (see **Appendix A, Table A9.1**). One larva of a dragonfly species, Dog-legged Clubtail, was recorded at sampling points A1 is of Local Concern (Fellowes *et al.* 2002). The other species recorded are common in Hong Kong.

6.2 Tai Wo

Habitat and Vegetation

- 6.2.1 Habitats within the Study Area were mapped of scale 1:5,000 based on the basemaps and aerial photos provided by the Engineer. The habitat area within the Work Limit Boundary and the Study Area is summarised in **Table 18**, the habitat map is presented in **Figure 6** and the representative photographs of the major habitat types present within the Study Area are provided in **Appendix B, Table B10.1**.

Table 18 Habitats present within the Work Limit Boundary and Study Area of Tai Wo.

| Habitat | Work Limit Boundary | 500m Study Area (including Work Limit Boundary) |
|-------------------------------|---------------------|---|
| Agricultural Land | - | 26.0 |
| Pond | - | 0.1 |
| Marsh | - | 0.5 |
| Mitigation Wetland | - | 0.6 |
| Major Channelised Watercourse | - | 1.7 |
| Minor Watercourse | <0.1 | 1.0 |
| Seasonally Wet Grassland | - | 1.4 |
| Grassland | 0.1 | 18.8 |
| Grassland/Shrubland | - | 12.8 |

| Habitat | Work Limit Boundary | 500m Study Area (including Work Limit Boundary) |
|------------------------|---------------------|---|
| Secondary Woodland | - | 16.7 |
| Orchard | - | 0.6 |
| Plantation | - | 3.7 |
| Waste Ground | 0.1 | 6.1 |
| Urban/Residential Area | 0.1 | 37.7 |
| Total | 0.3 | 127.7 |

Note: the totals may not equal to the sum of the area of each habitat due to the roundings.

- 6.2.2 The locations of the floral species of conservation concern recorded during the course of surveys were presented in **Figure 6**. The plant list of each habitat is presented in **Appendix B, Table B1.1**.

Agricultural Land

- 6.2.3 Agricultural lands are mainly located at the northern part of the Study Area, with a total of 102 species recorded. They were dominated by dryland crops and are dynamic in nature. Crop species recorded included *Allium fistulosum*, *Beta vulgaris* var. *rapacea*, *Brassica chinensis*, *Brassica juncea*, *Brassica oleracea* var. *albiflora*, *Brassica oleracea* var. *capitata*, *Brassica oleracea* var. *italic* and *Gladiolus x gandavensis*. Other species were also recorded, such as, herbs *Bidens alba*, *Eclipta prostrata*, and *Polygonum* spp., and grass *Eleusine indica*. Fruit trees *Averrhoa carambola*, *Carica papaya*, *Citrus maxima*, *Citrus reticulata*, *Dimocarpus longan* and *Eriobotrya japonica* were commonly planted in these agricultural lands.

Pond

- 6.2.4 There is one pond found within the Study Area at Tai Wo village and limited numbers of species were recorded in this habitat (12 species). This is an abandoned pond with floating vegetation *Ipomoea aquatica*. Vegetation species recorded in the area surrounding the pond includes herbs *Alocasia macrorrhizos* and *Bidens alba*, and grass *Microstegium ciliatum*.

Marsh

- 6.2.5 Thirty vegetation species were recorded in the marsh area within the Study Area. A small marsh located near Tai Wo village, dominated by typical herbaceous species *Alocasia macrorrhizos*, *Chenopodium ficifolium*, *Hedychium coronarium* and *Polygonum chinense*, fern *Cyclosorus interruptus* and grass *Microstegium ciliatum*.

Mitigation Wetland

- 6.2.6 Four mitigation wetlands of the West Rail Line are located at the western part of the Study Area with a total of 109 vegetation species recorded. These wetlands are under routine management for ecological purpose. Wetland plant species recorded include herbs *Commelina diffusa*, *Phragmites australis*, *Polygonum barbatum* and *Polygonum chinense*. Other herb species *Bidens alba*, and grass *Leersia hexandra* and *Microstegium ciliatum* were commonly recorded. Shrubs or trees, *Bridelia tomentosa*, *Gardenia jasminoides*, *Ilex rotunda*, *Rhaphiolepis indica*, *Rhododendron pulchrum* and *Rhodomyrtus tomentosa* for screening purpose were also found.

Watercourse

- 6.2.7 Watercourses are found in both the Word Limit Boundary and Study Area and include channelised drainage channel (Major Channelised Watercourse) and smaller watercourses with

various degree of channelization (Minor Watercourse). The former receives regular management. The latter includes the tributary of the former and the hillside seasonal watercourses with various degrees of bank/bottom modification and human disturbance. **Figure 10** shows the degree of naturalness of the watercourses within the 500m Study Area of Tai Wo.

6.2.8 A total of 121 vegetation species were recorded in this habitat. Freshwater fish and aquatic invertebrate surveys were conducted at the sampling points for the aquatic fauna. The physical description of the watercourse at the sampling points is presented in **Table 19**. Riparian zone mainly consists of herbs *Commelina diffusa*, *Polygonum plebeium*, *Rorippa indica*, *Spilanthes paniculata* and *Youngia japonica*, and trees *Artocarpus heterophyllus*, *Clausena lansium*, *Cleistocalyx nervosum* and *Melia azedarach*.

6.2.9 Cheung Po Ecologically Important Stream (EIS) is located within the Study Area. It is a watercourse with natural stream bank and substrate (see description of Sampling Point A2 in **Table 19**) and no significant source of pollution is noted.

Table 19 Physical description of the watercourses at the sampling points for aquatic fauna.

| Substrate Type | Depth and Width | Riparian Zone | Sign of Disturbance |
|---|--|---|--|
| Sampling Point A1 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : a mix of stony and sandy bottom | <u>Width of Waterway</u> : approximately 3-4 m <u>Water Depth</u> : <0.1m | Vegetation along the watercourse. | No significant disturbance was found. |
| Sampling Point A2 | | | |
| <u>Bank</u> : natural <u>Bottom</u> : a mix of stony and sandy bottom | <u>Width of Waterway</u> : approximately 1-2m <u>Water Depth</u> : <0.5m | Vegetation along the watercourse with some sections overgrown and some in shade with overhead canopy. | No significant disturbance was found. |
| Sampling Point A3 | | | |
| <u>Bank</u> : channelised <u>Bottom</u> : muddy bottom | <u>Width of Waterway</u> : approximately 10m <u>Water Depth</u> : <0.3m | Overgrown vegetation along the watercourse. | Filled in May 2015 and surveys at this point were not conducted from June 2015. |
| Sampling Point A4 | | | |
| <u>Bank</u> : natural <u>Bottom</u> : a mix of stony and sandy bottom | <u>Width of Waterway</u> : approximately 1-2m <u>Water Depth</u> : <0.5m | Vegetation along the watercourse with some sections overgrown and some in shade with overhead canopy. | No significant disturbance was found. |
| Sampling Point A5 | | | |
| <u>Bank</u> : channelised <u>Bottom</u> : muddy bottom | <u>Width of Waterway</u> : approximately 1m <u>Water Depth</u> : <0.3m | Vegetation along the watercourse. | Sewage was discharged from the nearby areas; surveys at this point started in June 2015. |

Seasonally Wet Grassland

6.2.10 Two areas of seasonally wet grasslands were located at Cheung Po and Tai Wo. This habitat is dominated by retaining water at the wet season. Herbaceous plants such as *Alocasia macrorrhizos*, *Commelina diffusa*, *Hedychium coronarium* and *Polygonum chinense*, and fern *Cyclosorus interruptus* were commonly recorded in wet area. Other species recorded includes grass *Melinis repens* and *Microstegium ciliatum*, shrub *Lantana camara* and tree *Morus alba*.

Grassland

- 6.2.11 Small areas of this habitat were found within the Work Limit Boundary and the south of the Study Area with a total of 115 vegetation species recorded. Dominant grass species recorded include *Chloris barbata*, *Imperata cylindrica* var. *major*, *Miscanthus floridulus* and *Neyraudia reynaudiana*. Other vegetation recorded includes herb *Bidens alba*, climber *Mikania micrantha* and *Pueraria lobata*, shrub species *Baekkea frutescens*, and tree *Bombax ceiba* and *Litsea monopetala*.

Grassland/Shrubland

- 6.2.12 Grassland/shrubland mixes are located on the hillsides at the southern part of the Study Area. A total of 25 vegetation species were recorded including herb *Ageratum conyzoides*, and *Youngia japonica*, grass *Microstegium ciliatum*, shrubs and trees such as *Ficus hispida*, *Lantana camara*, *Mallotus paniculatus*, *Schefflera heptaphylla* and *Trema tomentosa*.

Secondary Woodland

- 6.2.13 Three areas of secondary woodland were located on the southern fringe of the Study Area, with a total 72 vegetation species recorded. This habitat was dominated by native tree species *Aporosa dioica*, *Celtis sinensis*, *Cinnamomum camphora*, *Melia azedarach*, *Sterculia lanceolata* and *Zanthoxylum avicennae* with the record at the understorey of shrub or small tree species *Bridelia tomentosa*, *Claoxylon indicum*, *Litsea rotundifolia* var. *oblongifolia* and *Psychotria asiatica*. A mature tree *Aquilaria sinensis* was recorded in the secondary woodland to the east of Tai Wo within the Study Area. This species is locally protected under Cap. 586 but commonly recorded in lowland forest in Hong Kong. The secondary woodland on the southern fringe continues with the woodland falling within Tai Lam Country Park, and hence the wooded areas along the southern edge of the Study Area receive less human disturbance than those located close to the village environ.

Orchard

- 6.2.14 A small area of orchard was found to the south of Cheung Po Village. A limited numbers of vegetation species were recorded in orchard (24 species). This habitat was largely planted with fruit trees *Dimocarpus longan*, *Clausena lansium* and *Litchi chinensis*. Vegetation developed in the understorey of these planted fruit trees is limited due to active management practice. Only low number of herbaceous plants, such as *Phyllanthus urinaria*, *Bidens alba* and *Youngia japonica*, and seedlings of shrub or tree species (such as *Celtis sinensis*, *Ficus hispida* and *Litsea cubeba*) were recorded.

Plantation

- 6.2.15 Plantation occurs throughout the Study Area with a total of 49 vegetation species recorded. Tree species recorded include *Eucalyptus camaldulensis*, *Ligustrum sinense*, *Macaranga tanarius* var. *tomentosa* and *Sapium discolor*. Other species recorded include herb *Wedelia trilobata*, climber *Ipomoea cairica*, *Ipomoea triloba* and *Stephania longa*.

Waste Ground

- 6.2.16 Waste ground was found within the Work Limit Boundary and in the Study Area. There were 47 vegetation species recorded and were dominated by herbaceous species, such as, herb *Bidens alba*, *Oxalis debilis* subsp. *corymbosa*, *Solanum americanum* and *Youngia japonica*, climbers *Mikania micrantha* and *Pueraria lobata*, shrub *Lantana camara*, and tree *Leucaena leucocephala*.

Urban/Residential Area

- 6.2.17 Urban/residential area, with 189 vegetation species recorded, was found within the Work Limit Boundary and was the most dominant habitat type within the Study Area. This habitat was dominated by exotic or weedy floral species or fruit tree species, and included herb *Bidens alba*, *Conyza sumatrensis* and *Emilia sonchifolia*, grass *Chloris barbata*, climber *Mikania micrantha*, shrub *Hibiscus rosa-sinensis*, and planted fruit trees *Artocarpus heterophyllus*, *Dimocarpus longan* and *Litchi chinensis*.

Mammal

- 6.2.18 Five mammal species were recorded in Tai Wo Study Area. Scats of two of these species (Small Indian Civet and Leopard Cat) were recorded, and footprints of Eurasian Wild Pig were recorded. The mammal species recorded were summarised in **Appendix B, Table B2.1**. Pallas's Squirrel is protected under Cap. 170 and was recorded in plantation in the Study Area. Small Indian Civet is protected under Cap. 170 and Cap. 586, and its scat was recorded in the secondary woodland in the Study Area. Leopard Cat is protected by Cap. 170 and Cap. 586, and listed as Vulnerable in the China Red Data Book (Zhao 1998); its scat was also recorded in the secondary woodland in the Study Area.

Bird

- 6.2.19 Thirty-seven bird species were recorded (see **Appendix B, Table B3.1**). Five out of these 37 species are considered to be of conservation concern by Fellowes *et al.* (2002). Chinese Pond Heron (recorded in watercourses and grassland) and Grey Heron (recorded in watercourse) are of Potential Regional Concern (Fellowes *et al.* 2002), whereas Wood Sandpiper (recorded in watercourse) and Rufous-capped Babbler (recorded in secondary woodland) are of Local Concern (Fellowes *et al.* 2002) and the population of White-shouldered Starling (recorded in urban/residential area) is of Local Concern (Fellowes *et al.* 2002). Another three species, Crested Goshawk (recorded in secondary woodland), Greater Coucal (recorded in grassland and secondary woodland) and Lesser Coucal (recorded in grassland, grassland/shrubland, secondary woodland and waste ground), are considered to be Vulnerable or Rare in China (Zheng and Wang 1998).

Reptile

- 6.2.20 Five reptile species were recorded in the Tai Wo Study Area (see **Appendix B, Table B4.1**). They are all common or widespread in Hong Kong (Karsen *et al.* 1998).

Amphibian

- 6.2.21 Ten amphibian species were recorded in the Tai Wo Study Area (see **Appendix B, Table B5.1**). Two are of conservation concern (Fellowes *et al.* 2002); they are Chinese Bullfrog (Potential Regional Concern; recorded in watercourse) and Brown Wood Frog (Local Concern; tadpoles were recorded in watercourse in the Work Limit Boundary and an adult was recorded in grassland in the Study Area). Tadpoles of the latter were recorded near sampling point A1, which is within the Work Limit Boundary.

Odonates

6.2.22 Twenty-eight species were recorded in the Tai Wo Study Area (see **Appendix B, Table B6.1**). One species, Scarlet Basker, is of Local Concern (Fellowes *et al.* 2002) and was recorded in watercourse. All species recorded are common or abundant in Hong Kong (AFCD 2015b).

Butterfly

6.2.23 Thirty-three species were recorded (see **Appendix B, Table B7.1**). Three of these species are considered to be of conservation concern; Metallic Cerulean is considered to be Very Rare (Chan *et al.* 2011) and was recorded in grassland in the Study Area, Centaur Oak Blue is considered to be of Local Concern (Fellowes *et al.* 2002) and Very Rare (Chan *et al.* 2011) (recorded in secondary woodland in the Study Area), and Glassy Bluebottle is of Local Concern (Fellowes *et al.* 2002) and was recorded in the watercourse in the Work Limit Boundary.

Freshwater Fish

6.2.24 Twelve freshwater fish species were recorded (see **Appendix B, Table B8.1**). Two, Chinese Rasbora (recorded at sampling point A2 and the EIS) and Small Snakehead (recorded at sampling points A2 and A5, and the EIS), are considered to be of Global Concern and Local Concern respectively by Fellowes *et al.* (2002).

Aquatic Invertebrate

6.2.25 Twenty-three aquatic invertebrate species were recorded (see **Appendix B, Table B9.1**). Four are considered to be of conservation concern: larva of dragonfly Dog-legged Clubtail (Local Concern as considered by Fellowes *et al.* (2002) and was recorded at/near sampling point A1 and the EIS), larva of dragonfly Marauder Clubtail (Local Concern as considered by Fellowes *et al.* (2002) and was recorded in EIS), larva of Club-tailed Cruiser (Global Concern as considered by Fellowes *et al.* (2002) and was recorded in the EIS) and crab *Somanniathelphusa zanklon* (Global Concern as considered by Fellowes *et al.* (2002), listed as Endangered on IUCN Red List and endemic species; it was recorded near sampling point A1 and marsh).

6.3 Lin Fa Tei

Habitat and Vegetation

6.3.1 Habitats within the Study Area were mapped of scale 1:5,000 based on the basemaps and aerial photos provided by the Engineer. The habitat area within the Work Limit Boundary and the Study Area is summarised in **Table 20**, the habitat map is presented in **Figure 7** and the representative photographs of the major habitat types present within the Study Area are provided in **Appendix C, Table C9.1**.

Table 20 Habitats present within the Work Limit Boundary and Study Area of Lin Fa Tei.

| Habitat | Work Limit Boundary | Study Area (including Work Limit Boundary) |
|-------------------------------|---------------------|--|
| Agricultural Land | - | 20.3 |
| Pond | - | 1.3 |
| Marsh | - | 0.5 |
| Major Channelised Watercourse | <0.1 | 1.0 |
| Minor Watercourse | 0.4 | 2.5 |
| Seasonally Wet Grassland | - | 0.3 |
| Grassland | - | 6.3 |
| Secondary Woodland | 0.1 | 6.8 |

| Habitat | Work Limit Boundary | Study Area (including Work Limit Boundary) |
|------------------------|---------------------|--|
| Orchard | - | 4.0 |
| Plantation | 0.2 | 19.6 |
| Waste Ground | 0.1 | 47.5 |
| Urban/Residential Area | 0.5 | 69.9 |
| Total | 1.3 | 180.0 |

Note: the totals may not equal to the sum of each habitat due to the roundings.

6.3.2 The locations of the floral species of conservation concern recorded during the course of surveys were presented in **Figure 7**. The plant list of each habitat is presented in **Appendix C, Table C1.1**.

Agricultural Land

6.3.3 Agricultural lands were mainly located at the northern part of the Study Area. The vegetation species found in this habitat was limited and only 16 species were recorded. They were dominated by dryland crops and dynamic in nature. The crop species recorded includes *Brassica chinensis*, *Lactuca sativa* var. *longifolia*, *Raphanus sativus* and *Zingiber officinale*; other species recorded includes fruit tree species *Carica papaya*, *Citrus reticulata* and *Litchi chinensis*.

Pond

6.3.4 Ponds are scattered around the Study Area. A pond located along the survey transect T11 was surveyed; the other ponds were not surveyed as they are not likely to be impacted by the proposed work (located at the upstream of the Work Limit Boundary) and/or have difficulty in access. It is a landscape or *fung shui* pond at the village Lin Fa Tei, and with concrete bank. Only floating plants *Nelumbo nucifera* and *Nymphaea* spp. were recorded in the floating planting pot within the pond.

Marsh

6.3.5 A small marsh near Ma Pau Ling has developed from abandoned agricultural land with a small ditch flowing through. Twenty-nine vegetation species were recorded in this habitat. Typical wetland-associated floral species were recorded and included *Alocasia macrorrhizos*, *Aster subulatus*, *Colocasia esculenta*, *Commelina diffusa*, *Cyclosorus interruptus*, *Hedychium coronarium* and *Polygonum chinense*.

Watercourse

6.3.6 Watercourses were found within the Work Limit Boundary and throughout the Study Area, with 107 vegetation species recorded. Watercourses include channelised drainage channel (Major Channelised Watercourse) and smaller watercourses with various degree of channelization (Minor Watercourse). The former receives regular management. The latter includes the tributary of the former with various degrees of bank/bottom modification and human disturbance. **Figure 11** shows the degree of naturalness of the watercourses within the 500m Study Area of Lin Fa Tei. Freshwater fish and aquatic invertebrate surveys were conducted at the sampling points for the aquatic fauna. The physical description of the watercourse at the sampling points is presented in **Table 21**. Riparian zone mainly consists of herbs *Alocasia macrorrhizos*, *Alternanthera sessilis*, *Bidens alba*, *Commelina diffusa* and *Eclipta prostrata*, and grass *Brachiaria mutica* and *Microstegium ciliatum*. A seedling and a young tree of *Aquilaria sinensis*, which is protected in Hong Kong, were recorded along the riparian zone of the watercourse in the Study Area.

Table 21 Physical description of the watercourses at the sampling points for aquatic fauna.

| Substrate Type | Depth and Width | Riparian Zone | Sign of Disturbance |
|---|--|---|--|
| Sampling Point A1 | | | |
| <u>Bank</u> : channelised <u>Bottom</u> : concrete bottom | <u>Width of Waterway</u> : approximately 1 m <u>Water Depth</u> : <0.1m | No significance vegetation cover on the concrete paved wall. | No significant disturbance was found |
| Sampling Point A2 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : a mix of stony and muddy bottom | <u>Width of Waterway</u> : approximately 1-2m <u>Water Depth</u> : <0.5m | Vegetation along the watercourse. | Sewage discharge |
| Sampling Point A3 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : muddy bottom | <u>Width of Waterway</u> : approximately 1-2m <u>Water Depth</u> : <0.5m | Vegetation along the watercourse. | No significant disturbance was found |
| Sampling Point A4 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : muddy bottom | <u>Width of Waterway</u> : approximately 1m <u>Water Depth</u> : <0.3m | Vegetation along the watercourse with shade from overhead canopy. | No significant disturbance was found |
| Sampling Point A5 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : muddy bottom | <u>Width of Waterway</u> : approximately 1m <u>Water Depth</u> : <0.3m | Vegetation along the watercourse with shade from overhead canopy. | No significant disturbance was found |
| Sampling Point A6 | | | |
| <u>Bank</u> : channelised <u>Bottom</u> : muddy bottom | <u>Width of Waterway</u> : approximately 1.5m <u>Water Depth</u> : <0.5m | Vegetation along the watercourse. | A few construction waste on river bank; this point was filled in April 2015 and surveys at this point stopped from April 2015. |
| Sampling Point A7 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : a mix of stony and muddy bottom | <u>Width of Waterway</u> : approximately 1m <u>Water Depth</u> : approximately 1m | Vegetation along the watercourse. | No significant disturbance was found; surveys at this point start from May 2015. |

Seasonally Wet Grassland

- 6.3.7 A piece of seasonally wet grassland is found within the Study Area at Shui Lau Tin and the vegetation species recorded is limited (seven species). This habitat results from abandoned land with the invasion of the grass species and has the ability to retain water at the wet season. Typical wetland-associated species are recorded in this habitat and include herbs *Colocasia esculenta*, *Polygonum chinense* and fern *Cyclosorus interruptus*. Common herbs *Ageratum conyzoides* and *Bidens alba*, and grass *Brachiaria mutica* were also recorded.

Grassland

- 6.3.8 Grasslands occur throughout the Study Area with 60 species of vegetation recorded. Dominant species recorded in lowland grasslands includes herbs *Ageratum conyzoides* and *Bidens alba*, grass *Eleusine indica* and *Neyraudia reynaudiana*, climber *Mikania micrantha*, shrub *Lantana camara* and *Flueggea virosa*. Isolated trees are also recorded, such as, *Macaranga tanarius* var. *tomentosa*, *Mallotus paniculatus* and *Melia azedarach*. Hillside grassland was often covered by fern *Dicranopteris pedata*, grass *Melinis repens*, *Microstegium ciliatum* and *Miscanthus sinensis*, and other herbs *Bidens alba*. A few isolated shrub *Lantana camara*, small tree *Bridelia*

tomentosa, and trees *Casuarina equisetifolia* and *Macaranga tanarius* var. *tomentosa* were also recorded.

Secondary Woodland

- 6.3.9 Secondary woodlands consisted of a mixture of native and exotic tree species as its overstorey, including exotic tree *Acacia confusa*, fruit trees *Dimocarpus longan* and *Litchi chinensis*, and native trees *Celtis sinensis*, *Cinnamomum camphora*, *Litsea glutinosa*, *Macaranga tanarius* var. *tomentosa* and *Schefflera heptaphylla*. This habitat was located mostly at the hillside area within the Study Area, but a small stand is located along a watercourse (sampling point A5) within the village environ. The secondary woodlands located in the hillside area show a more continuous and close canopy structure, and their canopies are somewhat merged with the hillside plantation. The secondary woodlands within the village environ often consists of a mixture of mature native tree species and the older fruit tree species. Understorey of the secondary woodlands within the village environ was often disturbed, with plant composition comprising herb *Alocasia macrorrhizos*, grass *Lophatherum gracile*, climbing shrub *Zanthoxylum nitidum*, and shrub/small trees *Ficus hispida*, *Ligustrum sinense* and *Trema tomentosa*. A total of 31 vegetation species recorded in this habitat.

Orchard

- 6.3.10 Two areas of orchard were found between Ma Pau Ling and Po Lo Shan with a total of 35 vegetation species recorded. The one at the south was under intensive management and had no understorey. This habitat was dominated by planted fruit tree species *Artocarpus heterophyllus*, *Citrus maxima*, *Dimocarpus longan*, *Litchi chinensis* and *Mangifera indica*, and planted Common Banana *Musa x paradisiaca*, with herbaceous species also recorded, such as, *Bidens alba*, *Conyza sumatrensis* and *Oxalis corniculata*. Understorey development in this habitat is very limited due to routine human management.

Plantation

- 6.3.11 Plantation occurred within the Work Limit Boundary and the wider Study Area and the floral species recorded consists of a mixture of native and exotic species. Common self-sown herbaceous species were recorded in the understorey and included *Amaranthus viridis*, *Bidens alba* and *Syngonium auritum*. Ornamental shrub species planted along the roadside areas were also recorded, including exotic *Calliandra haematocephala*, *Hibiscus rosa-sinensis*, *Ixora chinensis* and *Ligustrum sinense*. Tree species recorded include exotic *Bauhinia variegata*, , *Casuarina equisetifolia*, *Eucalyptus citriodora*, *Leucaena leucocephala* and *Melia azedarach*, and exotic fruit tree *Dimocarpus longan* which were often found in village environ. Other self-sown native trees, including *Celtis sinensis*, *Cinnamomum camphora*, *Eucalyptus citriodora*, *Ficus hispida* and *Hibiscus tiliaceus*, were also found in this habitat. This habitat generally supports simpler floristic structure and the understorey may receive human disturbance in village environ, with a total of 53 vegetation species recorded in this habitat.

Waste Ground

- 6.3.12 Waste ground was found within the Work Limit Boundary and in the Study Area, with a total of 84 vegetation species recorded. These abandoned lands were dominated by herbaceous species, including herbs *Alternanthera sessilis*, *Bidens alba*, *Conyza sumatrensis*, *Crassocephalum crepidioides* and *Mimosa pudica*, grass *Bothriochloa bladhii*, *Chloris barbata*, *Cynodon dactylon* and *Eleusine indica*, shrub *Solanum torvum* and *Urena lobata*, trees *Ficus hispida*, *Flueggea virosa* and *Leucaena leucocephala*.

Urban/Residential Area

- 6.3.13 Urban/residential area was the most dominant habitat type within the Study Area and had the highest number of vegetation species recorded (170 species). Dominant species recorded included herbs *Bidens alba*, *Emilia sonchifolia*, *Euphorbia hirta*, *Euphorbia thymifolia* and *Wedelia trilobata*, climbing shrub *Bougainvillea spectabilis*, shrub *Solanum torvum* and fruit trees *Artocarpus heterophyllus* and *Carica papaya*. Other common ornamental shrubs and trees were recorded in this habitat with active human management. Four mature trees *Ailanthus fordii* were recorded in Lin Fa Lei Village. This species is protected under Cap. 96 in Hong Kong and considered to be Near Threatened in China (AFCD 2003). However, it is also widely planted for amenity value and the specimens recorded in this study are planted.

Mammal

- 6.3.14 There were no mammal species recorded in the Lin Fa Tei Study Area during the survey period.

Bird

- 6.3.15 Forty-six bird species were recorded (see **Appendix C, Table C2.1**). Eight out of 46 species are of conservation concern as considered by Fellowes *et al.* (2002); they are Black-crowned Night Heron (recorded in watercourse), Chinese Pond Heron (recorded in agricultural land, marsh, watercourse and waste ground), Eastern Cattle Egret (recorded in waste ground), Grey Heron (recorded in watercourse), Little Egret (recorded in agricultural land and watercourse), Crested Serpent Eagle (recorded in flight), Black Kite (recorded in flight) and White-shouldered Starling (recorded in agricultural land and urban/residential area). Four species, Crested Serpent Eagle, Common Emerald Dove (recorded in plantation), Greater Coucal (recorded in agricultural land, watercourse, secondary woodland, plantation and waste ground) and Lesser Coucal (recorded in marsh, plantation and waste ground), are listed as Vulnerable in China (Zheng and Wang 1998).

Reptile

- 6.3.16 Six reptile species were recorded in the Lin Fa Tei Study Area (see **Appendix C, Table C3.1**), including Red-eared Slider, Changeable Lizard, Long-tailed Skink, Chinese Skink, Bowring's Gecko and Brook's Gecko. All of them are common and widespread species, however, exotic species Red-eared Slider is under the protection of Cap. 170 and was recorded in watercourse within the Work Limit Boundary.

Amphibian

- 6.3.17 Eight amphibian species were recorded (see **Appendix C, Table C4.1**), including Asian Common Toad, Spotted Narrow-mouthed Frog, Asiatic Painted Frog, Butler's Pigmy Frog, Ornate Pigmy Frog, Paddy Frog, Günther's Frog and Brown Tree Frog. They are all widely distributed in Hong Kong (AFCD 2015b).

Odonates

- 6.3.18 Eighteen dragonfly species were recorded in Lin Fa Tei Study Area (see **Appendix C, Table C5.1**). No dragonfly species of conservation concern were recorded. All dragonfly species recorded are Abundant or Common in Hong Kong (AFCD 2015b).

Butterfly

6.3.19 A total of 28 butterfly species were recorded (see **Appendix C, Table C6.1**). No butterfly species of conservation concern were recorded. Most butterfly species recorded are Very Common or Common in Hong Kong (Chan *et al.* 2011) but one species, Swallowtail, is Rare in Hong Kong (Chan *et al.* 2011).

Freshwater Fish

6.3.20 Eight freshwater fish species were recorded (see **Appendix C, Table C7.1**), including Chinese Barb, Whitespotted Walking Catfish, Mosquito Fish, Guppy, Swordtail, Nile Tilapia, Redbelly Tilapia and Spotted Snakehead. No species of conservation concern was recorded.

Aquatic Invertebrate

6.3.21 A total of 21 species of aquatic invertebrate were recorded (see **Appendix C, Table C8.1**). Three, are of conservation concern (Fellowes *et al.* 2002); larvae of two dragonfly species Club-tailed Cruiser (recorded at sampling point A4) and Emerald Cascader (recorded at sampling point A4), and crab *Somanniathelphusa zanklon* (recorded at sampling point A7). The crab is endemic to Hong Kong and listed as Endangered on IUCN Red List.

6.4 Ha Che

Habitat and Vegetation

6.4.1 Habitats within the Study Area were mapped of scale 1:5,000 based on the basemaps and aerial photos provided by the Engineer. The habitat area within the Work Limit Boundary and the Study Area is summarised in **Table 22**, the habitat map is presented in **Figure 8** and the representative photographs of the major habitat types present within the Study Area are provided in **Appendix D, Table D10.1**.

Table 22 Habitats present within the Work Limit Boundary and Study Area of Ha Che.

| Habitat | Work Limit Boundary | Study Area (including Work Limit Boundary) |
|-------------------------------|---------------------|--|
| Agricultural Land | - | 0.7 |
| Pond | - | 0.3 |
| Major Channelised Watercourse | - | 0.2 |
| Minor Watercourse | 0.4 | 2.3 |
| Grassland | - | 14.9 |
| Grassland/Shrubland | - | 16.3 |
| Secondary Woodland | - | 30.8 |
| <i>Fung Shui</i> Wood | - | 0.8 |
| Orchard | - | 0.1 |
| Plantation | 0.1 | 16.3 |
| Waste Ground | - | 11.8 |
| Urban/Residential Area | 0.3 | 75.8 |
| Total | 0.8 | 170.3 |

Note: the totals may not equal to the sum of the area of each habitat due to the roundings.

6.4.2 The locations of the floral species of conservation concern recorded during the course of surveys were presented in **Figure 8**. The plant list of each habitat is presented in **Appendix D, Table D1.1**.

Agricultural Land

6.4.3 Small areas of agricultural lands were throughout the Study Area, and dominated by dryland crops and dynamic in nature (a total of 17 vegetation species recorded). Crop and cultivated species recorded includes *Allium fistulosum*, *Dracaena sanderiana*, *Lactuca sativa*, *Lactuca sativa* var. *longifolia*, *Lycium chinense* and *Raphanus sativus*.

Pond

6.4.4 A few ponds were found within the Study Area. These ponds largely include *fung shui* ponds in villages and small ponds for irrigation. The number of vegetation species recorded is limited and eight species were recorded. The surrounding areas and pond bunds of these ponds are mainly concrete paved areas. Very limited vegetation could be recorded, including common herbaceous species *Alternanthera sessilis*, *Eclipta prostrata*, *Euphorbia hirta* and *Hedyotis auricularia* which could survive in disturbed areas.

Watercourse

6.4.5 Watercourses were found within the Work Limit Boundary and the wider Study Area (a total of 78 vegetation species recorded). Watercourses include channelised drainage channel (Major Channelised Watercourse) and smaller watercourses with various degree of channelization (Minor Watercourse). The former receives regular management. The latter includes the tributary of the former and the hillside seasonal watercourses with various degrees of bank/bottom modification and human disturbance. **Figure 12** shows the degree of naturalness of the watercourses within the 500m Study Area of Ha Che. Freshwater fish and aquatic invertebrate surveys were conducted at the sampling points for the aquatic fauna. The physical description of the watercourse at the sampling points is presented in **Table 23**. Riparian zone mainly consists of herbs *Alocasia macrorrhizos*, *Bidens alba*, *Commelina diffusa* and *Oxalis debilis* subsp. *corymbosa*, grass *Microstegium ciliatum*, climber *Pueraria lobata* and tree *Celtis sinensis*.

6.4.6 Fern *Cibotium barometz* was recorded in the watercourse in the Study Area. This species is considered to be Vulnerable by (AFCD 2003) and protected in China under Category II and Cap. 586 in Hong Kong. However, it is considered to be Very Common in Wu and Lee (2000). Woody climber *Gnetum luofuense* was also recorded in this habitat and within the Work Limit Boundary. This species are listed as Near Threatened by IUCN (2015), but considered to be Very Common in Xing *et al.* (2000) and Common in AFCD (2007).

Table 23 Physical description of the watercourses at the sampling points for aquatic fauna.

| Substrate Type | Depth and Width | Riparian Zone | Sign of Disturbance |
|---|---|---|--|
| Sampling Point A1 | | | |
| <u>Bank</u> : channelised; <u>Bottom</u> : a mix of stony and sandy bottom | <u>Width of Waterway</u> : approximately 1 m <u>Water Depth</u> : <0.2m | Sparse vegetation cover. | No significant disturbance found |
| Sampling Point A2 | | | |
| <u>Bank</u> : channelised <u>Bottom</u> : concrete walls with stony bottom at the central waterway | <u>Width of Waterway</u> : approximately 2m <u>Water Depth</u> : <0.5m | Insignificant vegetation coverage at the concrete wall, but is in shade of the dense overhead canopy. | Connected with a sewage pipe connected branch |
| Sampling Point A3 | | | |
| <u>Bank</u> : semi-natural <u>Bottom</u> : stony bottom | <u>Width of Waterway</u> : approximately 1-2m <u>Water Depth</u> : <0.3m | A few vegetation along the watercourse and is partially shaded by overhead canopy. | A few construction waste and domestic litter on watercourse bank |
| Sampling Point A4 | | | |

| Substrate Type | Depth and Width | Riparian Zone | Sign of Disturbance |
|--|--|--|--|
| <u>Bank</u> : channelised <u>Bottom</u> : muddy bottom | <u>Width of Waterway</u> : approximately 3m <u>Water Depth</u> : <0.2m | A few vegetation along the watercourse. | Domestic litter on the bank of watercourse; organic pollution noted as there is algae in the watercourse |
| Sampling Point A5 | | | |
| <u>Bank</u> : channelised (one of the bank was consolidated with sheet piles in April 2015) <u>Bottom</u> : a mix of stony and muddy bottom | <u>Width of Waterway</u> : approximately 2m <u>Water Depth</u> : <0.2m | A few vegetation along the watercourse and is partially shaded by overhead canopy. | Domestic litter on the bank of watercourse, and connected with a sewage pipe; organic pollution noted as there is algae in the watercourse |

Grassland

- 6.4.7 Grasslands were mainly found at the eastern part of the Study Area in hillside locations. A total of 46 floral species recorded in this habitat. Floral species recorded in the lowland grassland were mainly those exotic weedy species, such as, *Bidens alba*, *Ipomoea cairica*, *Mikania micrantha* and *Solanum americanum*. Vegetation recorded in the hillside grassland includes grass *Miscanthus* sp. and *Neyraudia reynaudiana*, fern *Dicranopteris pedata*, and shrubs *Breynia fruticosa*, *Rhaphiolepis indica* and *Rhodomlytrus tomentosa*.

Grassland/ Shrubland

- 6.4.8 Grassland/shrubland mixes were located at the eastern part of the Study Area in the hillside areas, with a total of 46 floral species recorded. Dominant species recorded include fern *Blechnum orientale* and *Dicranopteris pedata*, grass *Neyraudia reynaudiana*, herb *Duhaldea cappa*, and shrubs *Baeckea frutescens*, *Breynia fruticosa*, *Bridelia tomentosa*, *Helicteres angustifolia* and *Litsea rotundifolia* var. *oblongifolia*, and small trees *Rhus chinensis* and *Rhus succedanea*. Climber *Gnetum parvifolium*, and tree species, such as, *Aporusa dioica* and *Cinnamomum camphora*, were also recorded. A sapling of tree *Aquilaria sinensis* was recorded in this habitat. This species is considered to be Vulnerable by IUCN (2015) and in China Red Data Book (Pang *et al.* 2011), Near Threatened (AFCD 2003), and protected under Category II in China and Cap. 586 in Hong Kong. It is locally common in lowland forest.

Secondary Woodland

- 6.4.9 Secondary woodlands were dominated by native tree species with well-developed canopy and understorey. A total of 67 vegetation species recorded. Secondary woodlands are mainly found at the eastern part of the Study Area, on the hillside. The understorey was occupied by species such as herb *Alocasia macrorrhizos*, ferns *Cyclosorus parasiticus* and *Pteris semipinnata*, and shrub *Psychotria asiatica* and *Litsea rotundifolia* var. *oblongifolia*. Native tree species recorded include *Aporusa dioica*, *Celtis sinensis*, *Cinnamomum camphora*, *Litsea glutinosa* and *Sterculia lanceolata*. Climbing shrubs *Embelia ribes* are recorded at the tree canopy. The fringe of these secondary woodlands was disturbed by human due to its proximity to the villages.
- 6.4.10 Exotic tree species *Camellia japonica* was recorded in the secondary woodland within the Study Area. This species is protected under Cap. 96 in Hong Kong. Another exotic shrub species *Michelia figo* was also recorded in the secondary woodland in the Study Area. This species is protected under Cap. 96 and considered to be Very Rare by Xing *et al.* (2000). Only planted specimens of these two species were recorded at the fringe of the secondary woodland.

Fung Shui Wood

- 6.4.11 An identified *fung shui* woodland is found at Shui Kan Shek where 56 vegetation species were recorded. The overstorey of this woodland is dominated by trees *Cinnamomum camphora*, *Machilus chekiangensis*, *Machilus pauhoi*, *Mallotus paniculatus* and *Microcos nervosa*, and other small tree and tree species, including *Aporusa dioica*, *Bridelia tomentosa*, *Macaranga tanarius* var. *tomentosa* and *Sterculia lanceolata*, were also recorded. Other floral species recorded include ferns *Cyclosorus parasiticus* and *Pteris semipinnata*, shrubs *Glochidion eriocarpum*, *Psychotria asiatica* and *Rhaphiolepis indica* and climbing shrub *Uvaria macrophylla*. Two seedlings of tree species *Aquilaria sinensis* were recorded in the *fung shui* wood in the Study Area.

Orchard

- 6.4.12 Two small areas of orchards were recorded at A Kung Tin. Six floral species were recorded in orchards. This habitat was dominated by fruit tree species *Clausena lansium*, *Dimocarpus longan* and *Erythrina japonica*.

Plantation

- 6.4.13 Plantation was found within the Work Limit Boundary and throughout the Study Area. A total of 111 vegetation species were recorded. Tree species recorded include *Acacia confusa*, *Aporusa dioica*, *Bridelia tomentosa*, *Ficus hispida*, *Melaleuca cajuputi* subsp. *cumingiana*, *Melia azedarach* and *Sterculia lanceolata*. Other floral species recorded include grass *Cynodon dactylon*, fern *Pteris semipinnata*, climbers *Ipomoea cairica*, *Mikania micrantha*, and shrub *Lantana camara*. One seedling of *Aquilaria sinensis* was recorded within the Study Area. This species is considered to be Vulnerable by IUCN (2015) and in China Red Data Book (Pang *et al.* 2011), Near Threatened (AFCD 2003), and protected under Category II in China and Cap. 586 in Hong Kong.

Waste Ground

- 6.4.14 Found throughout the Study Area, these areas were dominated by common species, such as, herbs *Ageratum conyzoides*, *Eclipta prostrata*, *Emilia sonchifolia* and *Hedyotis auricularia*, grass *Pennisetum purpureum* and weedy tree *Leucaena leucocephala*. A total of 11 vegetation species were recorded.

Urban/Residential Area

- 6.4.15 Urban/residential area was the most dominant habitat type within the Study Area and had the highest number of vegetation species recorded (178 species). This highly disturbed habitat was dominated by common or cultivated species, including, herbs *Conyza canadensis*, *Euphorbia hypericifolia*, *Kyllinga polyphylla*, *Oxalis corniculata* and *Wedelia trilobata*, grass *Bothriochloa bladhii* and *Cynodon dactylon*, climbers *Ipomoea cairica* and *Mikania micrantha*, climbing shrub *Bougainvillea spectabilis*, shrubs *Calliandra haematocephala*, *Lantana camara* and *Solanum torvum*, and tree *Celtis sinensis*, *Litchi chinensis*, *Macaranga tanarius* var. *tomentosa* and *Sterculia lanceolata*. One seedling of *Aquilaria sinensis*, which was locally protected under Cap. 586, was recorded outside a village house within the Study Area.

Mammal

- 6.4.16 Three mammal species were recorded within the Ha Che Study Area (see **Appendix D, Table D2.1**). Scat of Masked Palm Civet was recorded in grassland. This species is of Potential Regional Concern (Fellowes *et al.* 2002) and protected locally under Cap. 170 and Cap. 586.

Bird

- 6.4.17 A total of 33 bird species were recorded (see **Appendix D, Table D3.1**). Five species of conservation concern (Fellowes *et al.* 2002) were recorded within the Study Area: Chinese Pond Heron (recorded in pond, *fung shui* wood, plantation and urban/residential area), Eastern Cattle Egret (recorded in watercourse), Little Egret (recorded in watercourse), Crested Serpent Eagle (recorded in flight) and Wood Sandpiper (recorded in watercourse). Greater Coucal, which is considered to be Vulnerable in China (Zheng and Wang 1998), was also recorded in plantation and waste ground.
- 6.4.18 The findings of the flight line surveys at Ha Che Egrettry were presented in the Supplementary Report on Nesting Activities at Ha Che Egrettry, which was submitted in July 2015.

Reptile

- 6.4.19 Two reptile species, Red-eared Slider and Long-tailed Skink, were recorded. The former is exotic to Hong Kong and the latter is common and widespread in Hong Kong (Karsen *et al.* 1998).

Amphibian

- 6.4.20 Four amphibian species (Hong Kong Newt, Spotted Narrow-mouthed Frog, Paddy Frog and Günther's Frog) were recorded (see **Appendix D, Table D5.1**). Three individuals of Hong Kong Newt were recorded in a small water pool of a seasonal watercourse (see **Figure 8**). Hong Kong Newt is listed as Potential Global Concern by Fellowes *et al.* (2002) and Near Threatened in IUCN (2015). This species is also protected under Cap. 170.

Odonates

- 6.4.21 Ten abundant dragonfly species (AFCD 2015b) were recorded, and no odonates species of conservation concern were recorded (see **Appendix D, Table D6.1**).

Butterfly

- 6.4.22 A total of 25 butterfly species were recorded. Most of the butterfly species were recorded from Study Area, they are mostly Common or Very Common, except three species (Plains Cupid, Plain Tiger and Painted Jezebel) are listed as Uncommon (Chan *et al.* 2011). No butterfly species of conservation concern were recorded (see **Appendix D, Table D7.1**).

Freshwater Fish

- 6.4.23 Eight freshwater fish species were recorded (see **Appendix D, Table D8.1**); one species, Common Carp, is listed as Vulnerable by IUCN (2015). This species is not common in streams, but occur in reservoirs and are cultivated in fishponds as food fish (Lee *et al.* 2004). Since the provenance of this individual is unknown, it is highly likely that this is of cultivated origin and is not considered to be relevant to the evaluation. Hence the location where this species was found is not mapped.

Aquatic Invertebrate

6.4.24 Fourteen species of aquatic invertebrate were recorded, of which most species were recorded within Work Limit Boundary (see **Appendix D, Table D9.1**). Two freshwater crab species of conservation concern were recorded, *Cryptopotamon anacoluthon* and *Somanniathelphusa zanklon*, both are listed as Potential Global Concern and Global Concern respectively by Fellowes *et al.* (2002) and are considered to be Vulnerable and Endangered respectively by IUCN (2015). Both species are considered to be endemic to Hong Kong (IUCN 2015). Both species were recorded in both the Work Limit Boundary (sampling point A1) and the 500m Study Area (watercourse along survey transect T7).

7 EVALUATION OF HABITATS AND SPECIES

7.1.1 The evaluation of habitats and species of conservation concern recorded are undertaken with reference to Annex 8 of the EIAO-TM. For the faunal species which are of conservation concern in China only are not considered in the evaluation of species as they are irrelevant to the conservation status locally, and the species which the exact recorded locations are not known.

7.2 Sung Shan New Village

Evaluation of Agricultural Land

Table 24 Ecological evaluation of agricultural land of Sung Shan New Village.

| Criteria | Agricultural Land |
|---------------------------------------|---|
| Naturalness | Man-made habitat. |
| Size | 1.4 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Common habitat in the rural areas. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Highly Fragmented by developed area. |
| Ecological Linkage | None of significance. |
| Potential Value | Limited due to the small size. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Pond

Table 25 Ecological evaluation of pond of Sung Shan New Village.

| Criteria | Pond |
|---------------------------------------|---|
| Naturalness | Man-made habitat. |
| Size | 0.3 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Small pond near village environ is not uncommon. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Highly fragmented from other similar habitat types. |
| Ecological Linkage | No significant linkages |
| Potential Value | Limited due to the small size. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Low due to the small size and fragmentation. |

Evaluation of Watercourse

Table 26 Ecological evaluation of watercourse of Sung Shan New Village.

| Criteria | Watercourse Section within the Work Limit Boundary | Other Watercourses |
|---------------------------------------|---|--|
| Naturalness | Range from semi-natural to channelised. | Range from natural to channelised. |
| Size | Approx. 650m | Approx. 5600m |
| Diversity | Moderate diversity of floral and low faunal diversity. | |
| Rarity | Lowland stream is not uncommon locally; seedling of <i>Aquilaria sinensis</i> and larva of Dog-legged Clubtail were recorded. | Lowland stream is not uncommon locally; Chinese Pond Heron and Little Egret were recorded, both are common species |
| Re-creatability | Readily re-creatable. | |
| Fragmentation (with similar habitats) | Somewhat fragmented from adjacent habitats by the developed area. | |
| Ecological Linkage | Hydrologically link to Shan Pui River and the Deep Bay area. Few ecological linkages with adjacent habitats. | |
| Potential Value | Higher potential value if it is protected from pollution. | |
| Nursery/Breeding Ground | Breeding ground of dragonfly Dog-legged Clubtail. | No known significant nursery/breeding ground. |
| Age | Unknown. | |
| Abundance/Richness of Wildlife | Moderate diversity of floral and low faunal diversity. | |
| Ecological Value | Low to Moderate as it is fragmented by nearby developed area and a low abundance of species of conservation concern found. | Low to Moderate as the bird species of conservation concern recorded are not restricted to this habitat. |

Evaluation of Grassland

Table 27 Ecological evaluation of grassland of Sung Shan New Village.

| Criteria | Grassland |
|---------------------------------------|--|
| Naturalness | Maintained by hill fires and vegetation clearance |
| Size | 34.1 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented by the developed area in low lying areas. |
| Ecological Linkage | Ecologically linked to other upland areas. |
| Potential Value | Potential to succeed to secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Grassland/Shrubland

Table 28 Ecological evaluation of grassland/shrubland of Sung Shan New Village.

| Criteria | Grassland/Shrubland |
|---------------------------------------|--|
| Naturalness | Natural. Derived from natural vegetation succession. |
| Size | 6.0 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented by the developed area. |
| Ecological Linkage | Ecologically linked to other upland habitats. |
| Potential Value | Potential to succeed to secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |

| Criteria | Grassland/Shrubland |
|--------------------------------|---|
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Secondary Woodland

Table 29 Ecological evaluation of secondary woodland of Sung Shan New Village.

| Criteria | Secondary Woodland at Survey Transect T4 | Secondary Woodland at Survey Transect T12 |
|---------------------------------------|--|---|
| Naturalness | Derived from natural vegetation succession. | |
| Size | 2.4 ha. | 1.4 ha. |
| Diversity | Moderate floral diversity and low to moderate faunal diversity. | |
| Rarity | Woodland is not uncommon in Hong Kong; plant <i>Gnetum luofuense</i> , and Common Rat Snake were recorded. | Woodland is not uncommon in Hong Kong; Plant <i>Aquilaria sinensis</i> (sapling/young tree) was recorded. |
| Re-creatability | Readily re-creatable, but trees take a long time to reach maturity. | |
| Fragmentation (with similar habitats) | Fragmented by the developed area. | |
| Ecological Linkage | Ecologically linked to the nearby grassland/shrubland and plantation. | |
| Potential Value | Limited as woodland near climax stage. | |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. | |
| Age | Unknown. | |
| Abundance/Richness of Wildlife | Moderate floral diversity and low to moderate faunal abundance and diversity. | |
| Ecological Value | Low to Moderate due to the small areas and fragmentation. | |

Evaluation of Plantation

Table 30 Ecological evaluation of plantation of Sung Shan New Village.

| Criteria | Plantation |
|---------------------------------------|---|
| Naturalness | Man-made. |
| Size | 14.2 ha. |
| Diversity | Moderate floral diversity and low to moderate faunal diversity. |
| Rarity | Common habitat in Hong Kong; sapling of <i>Aquilaria sinensis</i> was recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented by the developed area. |
| Ecological Linkage | Ecologically linked to the nearby grassland/shrubland and secondary woodland. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low to moderate faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Waste Ground

Table 31 Ecological evaluation of waste ground of Sung Shan New Village.

| Criteria | Waste Ground |
|---------------------------------------|--|
| Naturalness | Under human disturbance but exhibit semi-natural features due to the colonization of vegetation species. |
| Size | 10.9 ha. |
| Diversity | Low to moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented by the developed area. |

| Criteria | Waste Ground |
|--------------------------------|--|
| Ecological Linkage | Ecologically linked to the nearby grassland and grassland/shrubland. |
| Potential Value | Potential to succeed to grassland, shrubland and then secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low to moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Urban/Residential Area

Table 32 Ecological evaluation of urban/residential area of Sung Shan New Village.

| Criteria | Urban/Residential Area |
|---------------------------------------|--|
| Naturalness | Man-made. |
| Size | 63.6 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong; seedling of <i>Aquilaria sinensis</i> was recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Not fragmented. |
| Ecological Linkage | No significant linkage. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Species

Table 33 Ecological evaluation of species of conservation concern recorded in/ in the proximity of the 500m Study Area of Sung Shan New Village.

| Species | Protection Status | Conservation Status | Hong Kong Status |
|---------------------------|-------------------|--|--|
| Plant | | | |
| <i>Aquilaria sinensis</i> | Cap. 586 | Vulnerable ¹ , Near Threatened ² | Common ³ |
| <i>Gnetum luofuense</i> | - | Near Threatened ¹ | Very Common ³ |
| Bird | | | |
| Chinese Pond Heron | Cap.170 | Potential Regional Concern (Regional Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁵ |
| Little Egret | Cap.170 | Potential Regional Concern (Regional Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁵ |
| Reptile | | | |
| Common Rat Snake | - | Endangered ⁶ , Potential Regional Concern ⁴ | Widely distributed ⁷ |
| Dragonfly | | | |
| Dog-legged Clubtail | - | Local Concern ⁴ | Common ⁸ |

Note:

1. IUCN (2015).
2. AFCD (2003).
3. Xing *et al.* (2000).
4. Fellowes *et al.* (2002).
5. Carey *et al.* (2001)
6. Zhao (1998).
7. Karsen *et al.* (1998).
8. AFCD (2015b).
9. Tam *et al.* (2011).

7.3 Tai Wo

Evaluation of Agricultural Land

Table 34 Ecological evaluation of agricultural land of Tai Wo.

| Criteria | Agricultural Land |
|---------------------------------------|---|
| Naturalness | Man-made habitat. |
| Size | 26.0 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in the rural area. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | No significant fragmentation from similar habitats. |
| Ecological Linkage | Ecologically linked to the nearby grassland and waste ground. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Pond

Table 35 Ecological evaluation of pond of Tai Wo.

| Criteria | Pond |
|---------------------------------------|---|
| Naturalness | Man-made habitat. |
| Size | 0.1 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Small pond near village environ is not uncommon. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented from other ponds. |
| Ecological Linkage | No significant ecological linkages. |
| Potential Value | Limited due to the small size. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Low due to the small size and fragmentation. |

Evaluation of Marsh

Table 36 Ecological evaluation of marsh of Tai Wo.

| Criteria | Marsh |
|---------------------------------------|--|
| Naturalness | Semi-natural. |
| Size | 0.5 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Marsh is uncommon in the rural area; juveniles and adults of <i>Somanniathelphusa zanklon</i> were recorded. |
| Re-creatability | Difficult to re-create without management. |
| Fragmentation (with similar habitats) | Fragmented from other similar habitats. |
| Ecological Linkage | Ecologically linked to the nearby grassland and watercourses. |
| Potential Value | Limited due to the small size. |
| Nursery/Breeding Ground | Juveniles (and adult) of <i>Somanniathelphusa zanklon</i> were recorded. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Moderate due to the small size and fragmentation with similar habitats, but a nursery/breeding ground of <i>Somanniathelphusa zanklon</i> . |

Evaluation of Mitigation Wetland

Table 37 Ecological evaluation of mitigation wetland of Tai Wo.

| Criteria | Mitigation Wetland |
|---------------------------------------|---|
| Naturalness | Man-made habitat with natural features. |
| Size | 0.6 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Not a common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented from other similar habitats. |
| Ecological Linkage | Few significant ecological linkages |
| Potential Value | Limited; under routine management. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Around 10 years. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low to Moderate. |

Evaluation of Watercourse

Table 38 Ecological evaluation of watercourse of Tai Wo.

| Criteria | Cheung Po EIS and Its Downstream Tributary to Survey Point A1 | Watercourse with Sampling Point A5 | Other Watercourses |
|---------------------------------------|--|--|--|
| Naturalness | Natural banks and bottom in EIS, and range from semi-natural to channelised at the downstream section. | channelised with some pollution. | Range from natural to channelised. |
| Size | Approx. 600m | Approx. 180m | Approx. 5000m |
| Diversity | Moderate diversity of flora, amphibian and stream faunal diversity, and low diversity for other faunas. | | |
| Rarity | Lowland stream is not uncommon locally; (amphibian) tadpoles of Brown Wood Frog, (dragonfly) larva of Dog-legged Clubtail, Marauder Clubtail and Club-tailed Cruiser, Scarlet Basker, (butterfly) Glassy Bluebottle, (fish) Chinese Rasbora and Small Snakehead, and (aquatic invertebrate) <i>Somanniathelphusa zanklon</i> were found. | Lowland stream is not uncommon locally; (amphibian) Chinese Bullfrog and (fish) Small Snakehead were recorded. | Lowland and channelised watercourse are not uncommon locally; birds Chinese Pond Heron, Grey Heron and Wood Sandpiper were recorded. |
| Re-creatability | Readily re-creatable. | | |
| Fragmentation (with similar habitats) | Somewhat fragmented. | | |
| Ecological Linkage | Hydrologically link to Kam Tin River and the Deep Bay area. | | |
| Potential Value | Higher potential value if it is protected from pollution and human disturbance. | | |
| Nursery/Breeding Ground | Breeding ground of amphibian Brown Wood Frog and dragonfly Dog-legged Clubtail, Marauder Clubtail and Club-tailed Cruiser. | No known significant nursery/breeding ground. | |
| Age | Unknown. | | |
| Abundance/Richness of Wildlife | Moderate diversity of flora, amphibian and stream faunal diversity, and low diversity and abundance for other faunas. | | |

| Criteria | Cheung Po EIS and Its Downstream Tributary to Survey Point A1 | Watercourse with Sampling Point A5 | Other Watercourses |
|------------------|--|--|---|
| Ecological Value | Moderate due to the diversity of the species of conservation concern found (including the nursery/breeding ground). | Low to Moderate due to the presence of less mobile species of conservation concern. | Low for the channelised watercourses; Low to Moderate for the others due to the potential for higher ecological value with proper management. |

Evaluation of Seasonally Wet Grassland

Table 39 Ecological evaluation of seasonally wet grassland of Tai Wo.

| Criteria | Seasonally Wet Grassland |
|---------------------------------------|---|
| Naturalness | Semi-natural. |
| Size | 1.4 ha. |
| Diversity | Low to moderate floral diversity and low faunal diversity. |
| Rarity | Not uncommon in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented from other similar habitats. |
| Ecological Linkage | Ecologically linked to the nearby agricultural land, watercourses and grassland |
| Potential Value | Higher with proper wetland management for wildlife. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low to moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Grassland

Table 40 Ecological evaluation of grassland of Tai Wo.

| Criteria | Grassland |
|---------------------------------------|--|
| Naturalness | Maintained by human disturbance. |
| Size | 18.8 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong; (bird) Chinese Pond Heron, (amphibian) Brown Wood Frog and (butterfly) Metallic Cerulean were recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Limited fragmentation. |
| Ecological Linkage | Ecologically linked to the nearby watercourses and grassland/shrubland |
| Potential Value | Potential to succeed to secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low |

Evaluation of Grassland/Shrubland

Table 41 Ecological evaluation of grassland/shrubland of Tai Wo.

| Criteria | Grassland/Shrubland |
|-----------------|---|
| Naturalness | Derived from natural vegetation succession. |
| Size | 12.8 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |

| Criteria | Grassland/Shrubland |
|---------------------------------------|--|
| Fragmentation (with similar habitats) | Insignificant fragmentation. |
| Ecological Linkage | Ecologically linked to the nearby grassland and secondary woodland. |
| Potential Value | Potential to succeed to secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Secondary Woodland

Table 42 Ecological evaluation of secondary woodland of Tai Wo.

| Criteria | Secondary Woodland |
|---------------------------------------|--|
| Naturalness | Derived from natural vegetation succession. |
| Size | 16.7 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Woodland is not uncommon in Hong Kong; (plant) <i>Aquilaria sinensis</i> , (mammal) Small Indian Civet and Leopard Cat, (bird) Rufous-capped Babbler and (butterfly) Centaur Oak Blue were recorded. |
| Re-creatability | Readily re-creatable, but trees take a long time to reach maturity. |
| Fragmentation (with similar habitats) | Not fragmented. |
| Ecological Linkage | Ecologically linked to the nearby grassland/shrubland. |
| Potential Value | Limited as woodland near climax stage. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low to Moderate as it is part of the Tai Lam Country Park. |

Evaluation of Orchard

Table 43 Ecological evaluation of orchard of Tai Wo.

| Criteria | Orchard |
|---------------------------------------|--|
| Naturalness | Under human disturbance and management. |
| Size | 0.6 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Not uncommon in rural area. |
| Re-creatability | Readily re-creatable but trees take time to become mature. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby plantation. |
| Potential Value | Limit. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Plantation

Table 44 Ecological evaluation of plantation of Tai Wo.

| Criteria | Plantation |
|-----------------|---|
| Naturalness | Man-made. |
| Size | 3.7 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Common habitat in Hong Kong; Palla's Squirrel was recorded. |
| Re-creatability | Readily re-creatable. |

| Criteria | Plantation |
|---------------------------------------|--|
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby grassland/shrubland and orchard. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Waste Ground

Table 45 Ecological evaluation of waste ground of Tai Wo.

| Criteria | Waste Ground |
|---------------------------------------|--|
| Naturalness | Under human disturbance but exhibit semi-natural features due to the colonization of vegetation species. |
| Size | 6.1 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Somewhat Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby agricultural land, grassland and seasonally wet grassland. |
| Potential Value | Potential to succeed to grassland, shrubland and then secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Urban/Residential Area

Table 46 Ecological evaluation of urban/residential area of Tai Wo.

| Criteria | Urban/Residential Area |
|---------------------------------------|---|
| Naturalness | Man-made. |
| Size | 37.7 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong; bird White-shouldered Starling was recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Not fragmented. |
| Ecological Linkage | No significant linkage. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low as no breeding activity of White-shouldered Starling was recorded. |

Evaluation of Species

Table 47 Ecological evaluation of species of conservation concern recorded in/ in the proximity of the 500m Study Area of Tai Wo.

| Species | Protection Status | Conservation Status | Hong Kong Status |
|---------------------------|-------------------|---|---------------------|
| Plant | | | |
| <i>Aquilaria sinensis</i> | Cap. 586 | Vulnerable ¹ , Near Threatened ² | Common ³ |

| Species | Protection Status | Conservation Status | Hong Kong Status |
|---------------------------------|--------------------|--|---|
| Mammal | | | |
| Pallas's Squirrel | Cap. 170 | - | Common |
| Small Indian Civet | Cap. 170, Cap. 586 | - | Very Common |
| Leopard Cat | Cap. 170, Cap. 586 | - | Uncommon ⁴ |
| Bird | | | |
| Chinese Pond Heron | Cap.170 | Potential Regional Concern (Regional Concern) ⁵ | Most confined to New Territories, in particular the northwest ⁶ |
| Grey Heron | Cap.170 | Potential Regional Concern ⁵ | Most confined to New Territories, in particular the northwest ⁶ |
| Wood Sandpiper | Cap. 170 | Local Concern ⁵ | Common passage migrant and winter visitor ⁶ |
| Rufous-capped Babbler | Cap. 170 | Local Concern ⁵ | Scarcely resident population of captive origin ⁶ |
| White-shouldered Starling | Cap. 170 | (Local Concern) ⁵ | Common passage migrant and scarce and localized breeding summer visitor and winter visitor ⁶ |
| Amphibian | | | |
| Chinese Bullfrog | - | Potential Regional Concern ⁵ | Recorded from many localities in the New Territories ⁸ |
| Brown Wood Frog | - | Local Concern ⁵ | Recorded in several localities ⁸ |
| Dragonfly | | | |
| Dog-legged Clubtail | - | Local Concern ⁵ | Common ⁴ |
| Marauder Clubtail | - | Local Concern ⁵ | Uncommon ⁴ |
| Club-tailed Cruiser | - | Global Concern ⁵ | Common ⁴ |
| Scarlet Basker | - | Local Concern ⁵ | Common ⁴ |
| Butterfly | | | |
| Metallic Cerulean | - | - | Very Rare ⁹ |
| Centaur Oak Blue | - | Local Concern ⁵ | Very Rare ⁹ |
| Glassy Bluebottle | - | Local Concern ⁵ | Uncommon ⁹ |
| Freshwater Fish | | | |
| Chinese Rasbora | - | Global Concern ⁵ | Species of Conservation Concern ⁴ |
| Rose Bitterling | - | Local Concern ⁵ | Uncommon, Species of Conservation Concern ⁴ |
| Small Snakehead | - | Local Concern ⁵ | Uncommon ⁴ |
| Aquatic Invertebrate | | | |
| <i>Somaniathelphusa zanklan</i> | - | Endangered ¹ , Global Concern ⁵ | Endemic ¹ |

Note:

1. IUCN (2015).
2. AFCDC (2003).
3. Xing *et al.* (2000).
4. AFCDC (2015b).
5. Fellowes *et al.* (2002).
6. Carey *et al.* (2001)
7. Zhao (1998).
8. Chan *et al.* (2005).
9. Chan *et al.* (2011).

7.4 Lin Fa Tei

Evaluation of Agricultural Land

Table 48 Ecological evaluation of agricultural land of Lin Fa Tei.

| Criteria | Agricultural Land |
|---------------------------------------|---|
| Naturalness | Man-made habitat. |
| Size | 20.3 ha. |
| Diversity | Low floral and low faunal diversity. |
| Rarity | Common habitat in the rural area; birds Chinese Pond Heron, Little Egret and White-shouldered Starling were recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Somewhat Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby pond, grassland and waste ground. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Low as this habitat is not the preferred habitat of the species of conservation concern recorded. |

Evaluation of Pond

Table 49 Ecological evaluation of pond of Lin Fa Tei.

| Criteria | Pond |
|---------------------------------------|--|
| Naturalness | Man-made habitat. |
| Size | 1.3 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Small pond near village environ is not uncommon. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Linked to the nearby agricultural land and waste ground. |
| Potential Value | Limited due to the small size. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Marsh

Table 50 Ecological evaluation of marsh of Lin Fa Tei.

| Criteria | Marsh |
|---------------------------------------|---|
| Naturalness | Semi-natural. |
| Size | 0.5 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Marsh is not uncommon in the rural area; Chinese Pond Heron was recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby waste ground. |
| Potential Value | Limited due to the small size. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Watercourse

Table 51 Ecological evaluation of watercourse of Lin Fa Tei.

| Criteria | Watercourse with Sampling Points A1 and A6 | Watercourse with Sampling Points A2 to A5 and A7 | Other Watercourses |
|---------------------------------------|--|--|---|
| Naturalness | Channelised. | Semi-natural. | Range from semi-natural to channelised. |
| Size | Approx. 1050m | Approx. 1550m | Approx. 2950m |
| Diversity | Moderate diversity of flora and stream faunal diversity and low diversity of fauna. | | |
| Rarity | Channelised or lowland watercourses are not uncommon locally; Chinese Pond Heron was recorded. | Lowland stream is not uncommon locally; (plant) seedling and young tree of <i>Aquilaria sinensis</i> , (bird) Chinese Pond Heron and Little Egret, (dragonfly) larva of Club-tailed Cruiser and Emerald Cascader, and (freshwater crab) <i>Somanniathelphusa zanklon</i> was recorded. | Lowland and channelised watercourse are not uncommon locally; Black-crowned Night Heron, Chinese Pond Heron, Grey Heron and Little Egret were recorded. |
| Re-creatability | Readily re-creatable. | | |
| Fragmentation (with similar habitats) | Fragmented. | | |
| Ecological Linkage | Hydrologically link to Kam Tin River and the Deep Bay area; ecological linkage with the nearby secondary woodland. | | |
| Potential Value | Higher potential value if it is protected from pollution and human disturbance. | | |
| Nursery/Breeding Ground | No known significant nursery/breeding ground. | Breeding ground of dragonfly Club-tailed Cruiser and Emerald Cascader. | No known significant nursery/breeding ground. |
| Age | Unknown. | | |
| Abundance/Richness of Wildlife | Moderate diversity of flora and stream faunal diversity, and low diversity and abundance for other faunas. | | |
| Ecological Value | Low. | Low to Moderate | Low to Moderate for the natural/semi-natural watercourses; Low for the channelised watercourses. |

Evaluation of Seasonally Wet Grassland

Table 52 Ecological evaluation of seasonally wet grassland of Lin Fa Tei.

| Criteria | Seasonally Wet Grassland |
|---------------------------------------|--|
| Naturalness | Semi-natural. |
| Size | 0.3 ha. |
| Diversity | Low floral diversity and faunal diversity. |
| Rarity | Not uncommon in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby waste ground. |
| Potential Value | Higher with proper wetland management for wildlife. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Grassland

Table 53 Ecological evaluation of grassland of Lin Fa Tei.

| Criteria | Grassland |
|---------------------------------------|--|
| Naturalness | Maintained by human disturbance. |
| Size | 6.3 ha. |
| Diversity | Low to moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby agricultural land and waste ground. |
| Potential Value | Potential to succeed to secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low to moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Secondary Woodland

Table 54 Ecological evaluation of secondary woodland of Lin Fa Tei.

| Criteria | Secondary Woodland |
|---------------------------------------|--|
| Naturalness | Derived from natural vegetation succession. |
| Size | 6.8 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Woodland is not uncommon in Hong Kong. |
| Re-creatability | Readily re-creatable, but trees take a long time to reach maturity. |
| Fragmentation (with similar habitats) | Not fragmented. |
| Ecological Linkage | Ecologically linked to the nearby watercourse and orchard and plantation. |
| Potential Value | Limited as woodland near climax stage. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low to Moderate as ecologically or physically linked to the Tai Lam Country Park outside the 500m Study Area. |

Evaluation of Orchard

Table 55 Ecological evaluation of orchard of Lin Fa Tei.

| Criteria | Orchard |
|---------------------------------------|--|
| Naturalness | Under human disturbance and management. |
| Size | 4.0 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Not uncommon in rural area. |
| Re-creatability | Readily re-creatable but trees take time to become mature. |
| Fragmentation (with similar habitats) | Somewhat fragmented. |
| Ecological Linkage | Ecologically linked to the nearby plantation and secondary woodland. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Plantation

Table 56 Ecological evaluation of plantation of Lin Fa Tei.

| Criteria | Plantation |
|---------------------------------------|--|
| Naturalness | Man-made. |
| Size | 19.6 ha. |
| Diversity | Low to moderate floral and low faunal diversity. |
| Rarity | Common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby secondary woodland and orchard. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low to moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Waste Ground

Table 57 Ecological evaluation of waste ground of Lin Fa Tei.

| Criteria | Waste Ground |
|---------------------------------------|---|
| Naturalness | Under human disturbance but exhibit semi-natural features due to the colonization of vegetation species. |
| Size | 47.5 ha. |
| Diversity | Low to moderate floral diversity, moderate diversity of bird and amphibian, and low diversity of other faunas. |
| Rarity | Common habitat in Hong Kong; bird Chinese Pond Heron and Eastern Cattle Egret was recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby agricultural land, marsh, seasonally wet grassland and grassland. |
| Potential Value | Potential to succeed to grassland, shrubland and then secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low to moderate floral diversity, moderate abundance and diversity of bird and amphibian, and low for other faunas. |
| Ecological Value | Low due to the low diversity of conservation concern recorded. |

Evaluation of Urban/Residential Area

Table 58 Ecological evaluation of urban/residential area of Lin Fa Tei.

| Criteria | Urban/Residential Area |
|---------------------------------------|--|
| Naturalness | Man-made. |
| Size | 69.9 ha. |
| Diversity | Moderate floral and faunal diversity. |
| Rarity | Common habitat in Hong Kong; (plant) <i>Ailanthus fordii</i> and (bird) White-shouldered Starling were recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Not fragmented. |
| Ecological Linkage | No significant linkage. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |

| Criteria | Urban/Residential Area |
|------------------|--|
| Ecological Value | Low as no breeding activity of White-shouldered Starling was recorded. |

Evaluation of Species

Table 59 Ecological evaluation of species of conservation concern recorded in/ in the proximity of the 500m Study Area of Lin Fa Tei.

| Species | Protection Status | Conservation Status | Hong Kong Status |
|---------------------------------|-------------------|--|---|
| Plant | | | |
| <i>Aquilaria sinensis</i> | Cap. 586 | Vulnerable ¹ , Near Threatened ² | Common ³ |
| <i>Ailanthus fordii</i> | Cap. 96 | Near Threatened ² | Rare ³ |
| Bird | | | |
| Black-crown Night Heron | Cap.170 | (Local Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁵ |
| Chinese Pond Heron | Cap.170 | Potential Regional Concern (Regional Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁵ |
| Eastern Cattle Egret | Cap.170 | (Local Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁵ |
| Grey Heron | Cap.170 | Potential Regional Concern ⁴ | Most confined to New Territories, in particular the northwest ⁵ |
| Little Egret | Cap.170 | Potential Regional Concern (Regional Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁵ |
| White-shouldered Starling | Cap. 170 | (Local Concern) ⁴ | Common passage migrant and scarce and localized breeding summer visitor and winter visitor ⁵ |
| Dragonfly | | | |
| Club-tailed Cruiser | - | Global Concern ⁴ | Common ⁶ |
| Emerald Cascader | - | Potential Global Concern ⁴ | Abundant ⁶ |
| Aquatic Invertebrate | | | |
| <i>Somaniathelphusa zanklan</i> | - | Endangered ¹ , Global Concern ⁴ | Endemic ¹ |

Note:

1. IUCN (2015).
2. AFCD (2003).
3. Xing *et al.* (2000).
4. Fellowes *et al.* (2002).
5. Carey *et al.* (2001)
6. AFCD (2015b).

7.5 Ha Che

Evaluation of Agricultural Land

Table 60 Ecological evaluation of agricultural land of Ha Che.

| Criteria | Agricultural Land |
|-----------------------------|--------------------------------------|
| Naturalness | Man-made habitat. |
| Size | 0.7 ha. |
| Diversity | Low floral and low faunal diversity. |
| Rarity | Common habitat in the rural area. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar | Fragmented. |

| Criteria | Agricultural Land |
|--------------------------------|--|
| habitats) | |
| Ecological Linkage | Ecologically linked to the nearby pond and waste ground. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Pond

Table 61 Ecological evaluation of pond of Ha Che.

| Criteria | Pond |
|---------------------------------------|---|
| Naturalness | Man-made habitat. |
| Size | 0.3 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Small pond near village environ is not uncommon; bird Chinese Pond Heron was recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Linked to the nearby agricultural land for the pond at the north of the Study Area, no significant linkage for the other ponds. |
| Potential Value | Limited due to the small size. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral and faunal abundance and diversity. |
| Ecological Value | Low due to the small area and the low abundance of Chinese Pond Heron recorded. |

Evaluation of Watercourse

Table 62 Ecological evaluation of watercourse of Ha Che.

| Criteria | Watercourse Section in Work Limit Boundary with Sampling Points A1 to A4 | Downstream Section of the Work Limit Boundary with Sampling Point A5 | Other Watercourses |
|---------------------------------------|---|--|--|
| Naturalness | Range from semi-natural to channelised. | Channelised. | Range from natural to channelised. |
| Size | Approx. 950m | Approx. 800m | Approx. 5300m |
| Diversity | Low to moderate diversity of flora and low diversity of fauna. | | |
| Rarity | Lowland and channelised watercourse is not uncommon locally; (plant) <i>Gnetum luofuense</i> , (freshwater crab) <i>Cryptopotamon anacoluthon</i> and <i>Somanniathelphusa zanklon</i> were recorded. | Lowland stream is not uncommon locally. | Lowland and channelised watercourse are not uncommon locally; (plant) <i>Cibotium barometz</i> , (bird) Eastern Cattle Egret, Little Egret, Wood Sandpiper, (amphibian) Hong Kong Newt, (freshwater crab) <i>Cryptopotamon anacoluthon</i> and <i>Somanniathelphusa zanklon</i> were recorded. |
| Re-creatability | Readily re-creatable. | | |
| Fragmentation (with similar habitats) | Somewhat fragmented. | | |
| Ecological Linkage | Hydrologically link to Kam Tin River and the Deep Bay area; ecologically linked to the adjacent plantation | | |
| Potential Value | Higher potential value if it is protected from pollution and human disturbance. | | |
| Nursery/Breeding Ground | No known significant nursery/breeding ground. | | |

| Criteria | Watercourse Section in Work Limit Boundary with Sampling Points A1 to A4 | Downstream Section of the Work Limit Boundary with Sampling Point A5 | Other Watercourses |
|--------------------------------|--|--|---|
| Age | Unknown. | | |
| Abundance/Richness of Wildlife | Low to moderate diversity of flora and low abundance and diversity of fauna. | | |
| Ecological Value | Moderate due to the record of freshwater crabs of conservation concern. | Low. | Moderate to High for the watercourse where Hong Kong Newt and freshwater crabs of conservation concern found (see Figure 8); Low to Moderate for the others due to the records of bird species of conservation concern. |

Evaluation of Grassland

Table 63 Ecological evaluation of grassland of Ha Che.

| Criteria | Grassland |
|---------------------------------------|--|
| Naturalness | Maintained by human disturbance. |
| Size | 14.9 ha. |
| Diversity | Low floral and low faunal diversity. |
| Rarity | Common habitat in Hong Kong; Masked Palm Civet was recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby grassland/shrubland, secondary woodland and waste ground. |
| Potential Value | Potential to succeed to secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low as grassland is not a preferred habitat for the species of conservation concern recorded. |

Evaluation of Grassland/Shrubland

Table 64 Ecological evaluation of grassland/shrubland of Ha Che.

| Criteria | Grassland/Shrubland |
|---------------------------------------|--|
| Naturalness | Derived from natural vegetation succession. |
| Size | 16.3 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Common habitat in Hong Kong; plant <i>Aquilaria sinensis</i> (sapling) was recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby grassland, secondary woodland, <i>fung shui</i> wood and plantation. |
| Potential Value | Potential to succeed to secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Secondary Woodland

Table 65 Ecological evaluation of secondary woodland of Ha Che.

| Criteria | Secondary Woodland to the West of Fan Kam Road | Secondary Woodland to the East of Fan Kam Road |
|---------------------------------------|--|--|
| Naturalness | Derived from natural vegetation succession. | |
| Size | 2.2 ha. | 28.6 ha. |
| Diversity | Low to moderate floral diversity and low faunal diversity. | |
| Rarity | Woodland is not uncommon in Hong Kong. | Woodland is not uncommon in Hong Kong; plant <i>Camellia japonica</i> and <i>Michelia figo</i> were recorded. |
| Re-creatability | Readily re-creatable, but trees take a long time to reach maturity. | |
| Fragmentation (with similar habitats) | Fragmented. | Somewhat fragmented. |
| Ecological Linkage | Ecologically linked to the nearby plantation. | Ecologically linked to the nearby grassland, grassland/shrubland, <i>fung shui</i> wood and plantation. |
| Potential Value | Limited as woodland near climax stage. | |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. | |
| Age | Unknown. | |
| Abundance/Richness of Wildlife | Low to moderate floral diversity and low faunal abundance and diversity. | |
| Ecological Value | Low. | Low to Moderate as they are located near/within the Lam Tsuen Country Park and a suitable habitat of Masked Palm Civet (which its scat was recorded in nearby grassland). |

Evaluation of Fung Shui Wood

Table 66 Ecological evaluation of fung shui wood of Ha Che.

| Criteria | Fung Shui Wood |
|---------------------------------------|---|
| Naturalness | Derived from natural vegetation succession. |
| Size | 0.8 ha. |
| Diversity | Low to moderate floral diversity and low faunal diversity. |
| Rarity | <i>Fung shui</i> woodland is not uncommon in village environ; plant <i>Aquilaria sinensis</i> (seedling) and bird Chinese Pond Heron were recorded. |
| Re-creatability | Readily re-creatable, but trees take a long time to reach maturity. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby grassland/shrubland and secondary woodland. |
| Potential Value | Limited as woodland near climax stage. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low to moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low to Moderate as they are located near the Lam Tsuen Country Park. |

Evaluation of Orchard

Table 67 Ecological evaluation of orchard of Ha Che.

| Criteria | Orchard |
|---------------------------------------|--|
| Naturalness | Under human disturbance/management. |
| Size | 0.1 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Not uncommon in rural area. |
| Re-creatability | Readily re-creatable but trees take time to become mature. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby secondary woodland. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |

| Criteria | Orchard |
|--------------------------------|--|
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Plantation

Table 68 Ecological evaluation of plantation of Ha Che.

| Criteria | Plantation |
|---------------------------------------|---|
| Naturalness | Man-made. |
| Size | 16.3 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong; plant <i>Aquilaria sinensis</i> (seedling), mammal Palla's Squirrel and bird Chinese Pond Heron were recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby watercourse, grassland/shrubland and secondary woodland. |
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Waste Ground

Table 69 Ecological evaluation of waste ground of Ha Che.

| Criteria | Waste Ground |
|---------------------------------------|--|
| Naturalness | Under human disturbance but exhibit semi-natural features due to the colonization of vegetation species. |
| Size | 11.8 ha. |
| Diversity | Low floral and faunal diversity. |
| Rarity | Common habitat in Hong Kong. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Fragmented. |
| Ecological Linkage | Ecologically linked to the nearby agricultural land and grassland. |
| Potential Value | Potential to succeed to grassland, shrubland and then secondary woodland eventually if left undisturbed. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Low floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low. |

Evaluation of Urban/Residential Area

Table 70 Ecological evaluation of urban/residential area of Ha Che.

| Criteria | Urban/Residential Area |
|---------------------------------------|---|
| Naturalness | Man-made. |
| Size | 75.8 ha. |
| Diversity | Moderate floral diversity and low faunal diversity. |
| Rarity | Common habitat in Hong Kong; (plant) <i>Aquilaria sinensis</i> , (bird) Chinese Pond Heron were recorded. |
| Re-creatability | Readily re-creatable. |
| Fragmentation (with similar habitats) | Not fragmented. |
| Ecological Linkage | No significant linkage. |

| Criteria | Urban/Residential Area |
|--------------------------------|--|
| Potential Value | Limited. |
| Nursery/Breeding Ground | No known nursery/breeding ground of significance. |
| Age | Unknown. |
| Abundance/Richness of Wildlife | Moderate floral diversity and low faunal abundance and diversity. |
| Ecological Value | Low as this is not a preferred habitat for the faunal species of conservation concern recorded. |

Evaluation of Species

Table 71 Ecological evaluation of species of conservation concern recorded in/ in the proximity of the 500m Study Area of Ha Che.

| Species | Protection Status | Conservation Status | Hong Kong Status |
|----------------------------------|--------------------|--|--|
| Plant | | | |
| <i>Aquilaria sinensis</i> | Cap. 586 | Vulnerable ¹ , Near Threatened ² | Common ³ |
| <i>Camellia japonica</i> | Cap.96 | - | - |
| <i>Cibotium barometz</i> | Cap. 586 | Vulnerable ² , Category II in China ² | Very Common ³ |
| <i>Gnetum luofuense</i> | - | Near Threatened ¹ | Very Common ³ |
| <i>Michelia figo</i> | Cap. 96 | - | Very Rare ³ |
| Mammal | | | |
| Pallas's Squirrel | Cap. 170 | - | Common |
| Masked Palm Civet | Cap. 170, Cap. 586 | Potential Regional Concern ⁴ | Common ⁵ |
| Bird | | | |
| Chinese Pond Heron | Cap.170 | Potential Regional Concern (Regional Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁶ |
| Eastern Cattle Egret | Cap.170 | (Local Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁶ |
| Little Egret | Cap.170 | Potential Regional Concern (Regional Concern) ⁴ | Most confined to New Territories, in particular the northwest ⁶ |
| Wood Sandpiper | Cap. 170 | Local Concern ⁴ | Common passage migrant and winter visitor ⁶ |
| Amphibian | | | |
| Hong Kong Newt | Cap. 170 | Near Threatened ^{1,7} , Potential Global Concern ⁴ | Common and widely distributed ⁸ |
| Aquatic Invertebrate | | | |
| <i>Cryptopotamon anacoluthon</i> | - | Vulnerable ¹ , Potential Global Concern ⁴ | Endemic ¹ |
| <i>Somaniathelphusa zanklon</i> | - | Endangered ¹ , Global Concern ⁴ | Endemic ¹ |

Note:

1. IUCN (2015).
2. AFCD (2003).
3. Xing *et al.* (2000).
4. Fellowes *et al.* (2002).
5. AFCD (2015b).
6. Carey *et al.* (2001)
7. Zhao (1998).
8. Chan *et al.* (2005).

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Appendix A. Flora and fauna species recorded, and representative habitat photographs and photographs of the species of conservation concern taken within the 500m Study Area of Sung Shan New Village.

Table A1.1. Relative abundance of floral species recorded within the 500m Study Area of Sung Shan New Village.

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | |
|--------------|----------------------------------|--------------|---------------------|---|----------------------------------|----|----|-------------------------|----|-----------------|----|-----|----|----|----|-----|-----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR | |
| Bamboo | <i>Bambusa sp.</i> | 竹屬 | - | - | * | | | | | | * | * | | * | * | | ** |
| Bamboo | <i>Bambusa ventricosa</i> | 佛肚竹 | Exotic | Cultivated | | | * | | | | | | | | | | * |
| Climber | <i>Berchemia floribunda</i> | 勾兒茶 | Native | Common | | | | | | | ** | * | * | | | | |
| Climber | <i>Byttneria aspera</i> | 刺果藤 | Native | Very common | | | | | | | | | | * | | | * |
| Climber | <i>Cardiospermum halicacabum</i> | 倒地鈴 | Native | Restricted | | | | | | | | | | | | | * |
| Climber | <i>Cissus repens</i> | 白粉藤 | Native | Restricted | | | | | | | * | | * | * | | | |
| Climber | <i>Cocculus orbiculatus</i> | 木防己 | Native | Common | | | ** | | | | * | | * | ** | * | | * |
| Climber | <i>Dalbergia benthamii</i> | 兩廣黃檀 | Native | Common | | | | | | | ** | | | | | | |
| Climber | <i>Dioscorea alata</i> | 大薯 | Exotic | Cultivated | * | | | | | | | | | | | | |
| Climber | <i>Epipremnum aureum</i> | 綠蘿 | Exotic | Planted for ornamental purpose | | | | | | * | | | | | | | |
| Climber | <i>Gnetum luofuense</i> | 羅浮買麻藤 | Native | Regarded as Very Common by Xing <i>et al.</i> (2000), classified as "Near Threatened" in IUCN Red List but very common in Hong Kong | | | | | | | | | * | | | | |
| Climber | <i>Gnetum parvifolium</i> | 小葉買麻藤 | Native | Common | | | | | | | | | | * | | | |
| Climber | <i>Passiflora foetida</i> | 籠珠果 | Exotic | Very common | | | | | | | * | | | | | | |
| Climber | <i>Pueraria lobata</i> | 野葛 | Native | Very common | | | | | | * | ** | * | * | | | *** | *** |
| Climber | <i>Pueraria phaseoloides</i> | 三裂葉野葛 | Native | Very common | | | | | | | | | | | | | * |
| Climber | <i>Smilax china</i> | 金剛藤 | Native | Very common | | | | | | | ** | ** | * | * | | | |
| Climber | <i>Smilax glabra</i> | 土茯苓 | Native | Very common | | | | | | | | * | * | | | | |
| Climber | <i>Solena amplexicaulis</i> | 茅瓜 | Native | Very common | | | | | | | | * | | | | | * |
| Climber | <i>Stephania longa</i> | 蕘箕篤 | Native | Common | | | | | | | | | * | ** | | | ** |
| Climber | <i>Tetracera asiatica</i> | 錫葉藤 | Native | Very common | | | | | | | | | * | * | | | |
| Climber | <i>Cassytha filiformis</i> | 無根藤 | Native | Very common | | | | | | | | | | * | | | |
| Climber/Herb | <i>Lygodium flexuosum</i> | 曲軸海金沙 | Native | Very common | | | | | | | * | * | | | | | |
| Climber/Herb | <i>Lygodium japonicum</i> | 海金沙 | Native | Very common | | | | | | | ** | *** | * | * | ** | | ** |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|---------------|--|--------------|---------------------|-------------------------------|----------------------------------|----|----|-------------------------|-----|-----------------|-----|-----|-----|-----|-----|------|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Climber/Herb | <i>Mikania micrantha</i> | 薇甘菊 | Exotic | Very common | | ** | | | * | ** | ** | * | * | ** | *** | *** |
| Climber/Herb | <i>Polygonum perfoliatum</i> | 杠板歸 | Native | Common | | | | | | | * | | | | | ** |
| Climber/Shrub | <i>Abrus mollis</i> | 毛相思子 | Native | Common | | | | | | | | | | * | | |
| Climber/Shrub | <i>Bougainvillea spectabilis</i> | 簕杜鵑 | Exotic | Cultivated | * | | ** | | | | | | | * | | ** |
| Climber/Shrub | <i>Cansjera rheedii</i> | 山柑藤 | Native | Restricted | | | | | | | | | ** | | | |
| Climber/Shrub | <i>Desmos chinensis</i> | 假鷹爪 | Native | Common | * | | | | | | | | *** | ** | | |
| Climber/Shrub | <i>Duranta erecta</i> | 假連翹 | Exotic | Cultivated | * | | | | | | | | | | | * |
| Climber/Shrub | <i>Eleutherococcus trifoliatus</i> | 白筊 | Native | Restricted | | | | | | | | | ** | ** | | |
| Climber/Shrub | <i>Embelia laeta</i> | 酸藤子 | Native | Very common | | | | | | | ** | ** | | ** | | |
| Climber/Shrub | <i>Morinda parvifolia</i> | 雞眼藤 | Native | Very common | | | | | | | * | | | | | |
| Climber/Shrub | <i>Mussaenda pubescens</i> | 玉葉金花 | Native | Very common | | | | | | | ** | | ** | ** | | |
| Climber/Shrub | <i>Rubus parvifolius</i> | 茅莓 | Native | Common | | | | | | | * | ** | * | * | | |
| Climber/Shrub | <i>Sageretia thea</i> | 雀梅藤 | Native | Very common | | | | | | | | | * | * | | |
| Climber/Shrub | <i>Strophanthus divaricatus</i> | 羊角拗 | Native | Common | | | | | | | * | | | | | |
| Climber/Shrub | <i>Zanthoxylum nitidum</i> | 兩面針 | Native | Very common | | | | | | | * | ** | *** | * | | * |
| Herb | <i>Adiantum flabellulatum</i> | 扇葉鐵線蕨 | Native | Very common | | | | | | | | | * | | | |
| Herb | <i>Aeschynomene americana</i> | 美洲合萌 | Exotic | - | | | | | | | | | | | ** | |
| Herb | <i>Ageratum conyzoides</i> | 藿香薊 | Exotic | Common | | | | | | ** | | | | * | ** | ** |
| Herb | <i>Ageratum houstonianum</i> | 熊耳草 | Exotic | Common | | | | | | * | | | | | | |
| Herb | <i>Allium fistulosum</i> | 蔥 | Exotic | Cultivated | | | | | | | | | | | | * |
| Herb | <i>Alocasia macrorrhizos</i> | 海芋 | Native | Very common | ** | ** | * | * | | ** | * | * | *** | *** | * | ** |
| Herb | <i>Aloe vera</i> | 蘆薈 | Exotic | Cultivated | | | | * | | | | | | | | |
| Herb | <i>Alternanthera dentata f. rubiginosa</i> | 紅龍莧 | Exotic | Cultivated | | | | | | | * | | | | | * |
| Herb | <i>Alternanthera philoxeroides</i> | 空心莧 | Exotic | Common | | | | | | | | | | | | * |
| Herb | <i>Alternanthera sessilis</i> | 蝦鉗菜 | Native | Common | | | | | | *** | * | | | | | ** |
| Herb | <i>Amaranthus tricolor</i> | 莧菜 | Exotic | Cultivated | | | | | | | | | | | * | |
| Herb | <i>Amaranthus viridis</i> | 野莧 | Native | Very common | | | | | | ** | ** | | | | ** | *** |
| Herb | <i>Asystasia micrantha</i> | 小花十萬錯 | Exotic | Cultivated or naturalized | ** | | * | | | | | | | | | * |
| Herb | <i>Bidens alba</i> | 白花鬼針草 | Exotic | Very common | ** | ** | ** | | *** | *** | *** | *** | ** | ** | *** | **** |
| Herb | <i>Blechnum orientale</i> | 烏毛蕨 | Native | Very common | | | | | | * | ** | | * | ** | | * |
| Herb | <i>Bothriochloa bladhii</i> | 臭根子草 | Native | Very common | | | | | | ** | | | | | | ** |
| Herb | <i>Bothriochloa ischaemum</i> | 白羊草 | Native | Common | | | | | | | | | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | |
|-------------|--|--------------|---------------------|--|----------------------------------|----|----|-------------------------|----|-----------------|-----|-----|----|-----|----|-----|-----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR | |
| Herb | <i>Brachiaria mutica</i> | 巴拉草 | Exotic | Very common | | | | | | | *** | | | | | | |
| Herb | <i>Brassica oleracea</i> var. <i>albiflora</i> | 芥蘭 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Herb | <i>Brassica parachinensis</i> | 菜心 | Exotic | Cultivated | | | | | | | | | * | | | | |
| Herb | <i>Canna indica</i> | 美人蕉 | Exotic | Cultivated | | | | | | | | * | | | | | |
| Herb | <i>Capsicum annuum</i> | 辣椒 | Exotic | Cultivated | | | | | | | | | * | | | | |
| Herb | <i>Celosia argentea</i> | 青葙 | Native | Very common | | | | | | | | | | | | * | |
| Herb | <i>Centotheca lappacea</i> | 假淡竹葉 | Native | Common | | | | | | | | | | *** | | | |
| Herb | <i>Chenopodium album</i> | 藜 | Native | Restricted | | | | | | | | | * | | | | * |
| Herb | <i>Chenopodium ficifolium</i> | 小藜 | Native | Restricted | | | | | | | | * | | | | * | * |
| Herb | <i>Chloris barbata</i> | 孟仁草 | Native | Very common | | | | | | | | *** | ** | | | *** | ** |
| Herb | <i>Colocasia esculenta</i> | 芋 | Native | Cultivated | ** | * | | | | | ** | | | | | | * |
| Herb | <i>Commelina communis</i> | 鴨跖草 | Native | Common | | | | | | | * | | | | | | |
| Herb | <i>Commelina diffusa</i> | 節節草 | Native | Common | | | | | | | *** | | | | | ** | ** |
| Herb | <i>Conyza japonica</i> | 白酒草 | Native | Restricted | | | | | | | | | | | * | | |
| Herb | <i>Conyza sumatrensis</i> | 蘇門白酒草 | Exotic | Common | | | | | | | ** | ** | ** | | | | ** |
| Herb | <i>Crassocephalum crepidioides</i> | 野苘蒿 | Exotic | Common | | | | | | | * | * | * | | | | * |
| Herb | <i>Cuscuta chinensis</i> | 菟絲子 | Native | Common | | | | | * | ** | | ** | | | | ** | |
| Herb | <i>Cyclosorus interruptus</i> | 間斷毛蕨 | Native | Common | | | | | | | * | | | | | | |
| Herb | <i>Cyclosorus parasiticus</i> | 華南毛蕨 | Native | Very common | | | | | | | ** | | ** | ** | ** | | ** |
| Herb | <i>Cynodon dactylon</i> | 狗牙根 | Native | Very common | | | | | | | *** | ** | ** | | | *** | *** |
| Herb | <i>Cyperus difformis</i> | 異型莎草 | Native | Very common | | | | | | | * | | | | | | |
| Herb | <i>Cyperus involucratus</i> | 風車草 | Exotic | Cultivated or naturalized | | | | | | | ** | | | | | | |
| Herb | <i>Dendrobium nobile</i> | 金釵石斛 | Exotic | Species under Family Orchidaceae is protected under Cap. 96; the recorded specimen is planted for ornamental purpose | | | | | | | | | | | | | * |
| Herb | <i>Desmodium tortuosum</i> | 南美山螞蝗 | Exotic | Common | | | | | | | | | | | | | * |
| Herb | <i>Dianella ensifolia</i> | 山菅蘭 | Native | Very common | | | | | | | | | ** | | | | |
| Herb | <i>Dicranopteris pedata</i> | 芒萁 | Native | Very common | | | | | | | *** | *** | * | ** | | | |
| Herb | <i>Digitaria ciliaris</i> | 升馬唐 | Native | Very common | | | | | | | | | | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|-------------|---|--------------|---------------------|-------------------------------|----------------------------------|----|----|-------------------------|----|-----------------|----------|-----|----|----|----|----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Herb | <i>Drymaria cordata</i> | 荷蓮豆 | Native | Common | | | | | | ** | | | | | | |
| Herb | <i>Echinochloa crusgalli</i> | 稗 | Native | Common | | | | | | ** | | | | | | |
| Herb | <i>Echinochloa crusgalli</i> var. <i>breviseta</i> | 小果稗 | Native | Restricted | | | | | | * | | | | | | * |
| Herb | <i>Eclipta prostrata</i> | 鱧腸 | Native | Common | | | | | | ** | | | | | * | * |
| Herb | <i>Elephantopus tomentosus</i> | 白花地膽草 | Native | Common | | | | | | | * | | * | * | | |
| Herb | <i>Eleusine indica</i> | 牛筋草 | Native | Very common | ** | | | | | ** | *** | | | | ** | ** |
| Herb | <i>Emilia sonchifolia</i> | 一點紅 | Native | Very common | | | | | | * | * | | | | | * |
| Herb | <i>Eragrostis tenella</i> | 鯽魚草 | Native | Very common | | | | | | * | | | | | | |
| Herb | <i>Euphorbia hirta</i> | 大飛揚草 | Exotic | Very common | | | | | | * | * | | | | | ** |
| Herb | <i>Euphorbia hypericifolia</i> | 通奶草 | Native | Common | | | | | | | * | | | | | |
| Herb | <i>Euphorbia thymifolia</i> | 小飛揚 | Native | Very common | | | | | | | | * | | | | * |
| Herb | <i>Hedychium coronarium</i> | 薑花 | Exotic | Common | | | | | | | * | | | | | * |
| Herb | <i>Hedyotis auricularia</i> | 耳草 | Native | Common | | | | | | | | | | | | ** |
| Herb | <i>Hedyotis diffusa</i> | 白花蛇舌草 | Native | Very common | | | | | | | | | | | | * |
| Herb | <i>Hylocereus undatus</i> | 量天尺 | Exotic | Cultivated | | * | | | | | | | | | | * |
| Herb | <i>Hymenocallis littoralis</i> | 水鬼蕉 | Exotic | Cultivated | | | | | | | * | | | | | * |
| Herb | <i>Imperata cylindrica</i> var. <i>major</i> | 絲茅 | Native | Very common | | | | | | ** | *** * | *** | | | | ** |
| Herb | <i>Ipomoea batatas</i> | 番薯 | Exotic | Cultivated | | | | | | | | | | | | * |
| Herb | <i>Ipomoea cairica</i> | 五爪金龍 | Exotic | Very common | *** | ** | | | ** | ** | ** | ** | ** | ** | ** | ** |
| Herb | <i>Ipomoea nil</i> | 牽牛 | Exotic | Common | | | * | | | | | | | | | |
| Herb | <i>Ipomoea triloba</i> | 三裂葉薯 | Exotic | Common | | | | | | ** | | | | ** | ** | |
| Herb | <i>Ischaemum barbatum</i> | 粗毛鴨嘴草 | Native | Very common | | | | | | | ** | | | | | |
| Herb | <i>Kyllinga brevifolia</i> | 短葉水蜈蚣 | Native | Common | | | | | | | | | | | | * |
| Herb | <i>Kyllinga nemoralis</i> | 單穗水蜈蚣 | Native | Very common | | | | | | | | | | | | * |
| Herb | <i>Lemna minor</i> | 浮萍 | Native | Restricted | | | | | | * | | | | | | |
| Herb | <i>Lepidium virginicum</i> | 北美獨行菜 | Native | Restricted | | | | | | * | | | | | | |
| Herb | <i>Lindernia antipoda</i> | 泥花草 | Native | Common | | | | | | ** | | | | | | * |
| Herb | <i>Liriope spicata</i> | 山麥冬 | Native | Very common | | | | | | | | ** | * | | | |
| Herb | <i>Lophatherum gracile</i> | 淡竹葉 | Native | Very common | | | | | | | | *** | ** | | | |
| Herb | <i>Ludwigia hyssopifolia</i> | 草龍 | Native | Restricted | ** | | | | | | | | | | * | |
| Herb | <i>Ludwigia octovalvis</i> | 毛草龍 | Native | Common | | | | | * | ** | * | | | | * | * |
| Herb | <i>Ludwigia perennis</i> | 細花丁香蓼 | Native | Restricted | | | | | | * | | | | | | |
| Herb | <i>Lycopersicon esculentum</i> | 蕃茄 | Exotic | Cultivated | | | | * | | | * | * | | | * | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|-------------|---|--------------|---------------------|-------------------------------|----------------------------------|-----|----|-------------------------|----|-----------------|----|-----|----|----|------|-----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Herb | <i>Macroptilium atropurpureum</i> | 紫花大翼豆 | Exotic | Common | | | | | | | | | | | ** | |
| Herb | <i>Macroptilium lathyroides</i> | 大翼豆 | Exotic | Common | | | | | | | | | | | * | |
| Herb | <i>Macrothelypteris torresiana</i> | 普通針毛蕨 | Native | Very common | | | | | | * | | | | | | |
| Herb | <i>Melinis repens</i> | 紅毛草 | Exotic | Very common | | | | | | ** | ** | | | | | ** |
| Herb | <i>Merremia hederacea</i> | 魚黃草 | Native | Restricted | | | | | | | | | | | * | |
| Herb | <i>Microstegium ciliatum</i> | 剛莠竹 | Native | Very common | | | | | ** | *** | ** | *** | ** | * | *** | ** |
| Herb | <i>Mimosa pudica</i> | 含羞草 | Exotic | Very common | | | | | | | * | | | | ** | |
| Herb | <i>Miscanthus floridulus</i> | 五節芒 | Native | Common | | | | | | | ** | | | * | | |
| Herb | <i>Miscanthus sinensis</i> | 芒 | Native | Very common | | | | | | | | ** | | | | |
| Herb | <i>Musa x paradisiaca</i> | 大蕉 | Exotic | Cultivated | ** | ** | | ** | ** | * | * | * | | | * | ** |
| Herb | <i>Myosoton aquaticum</i> | 鵝腸菜 | Native | Restricted | | | | | | * | | | | | * | |
| Herb | <i>Neyraudia reynaudiana</i> | 類蘆 | Native | Very common | | | | | ** | ** | ** | *** | * | * | | * |
| Herb | <i>Ophiopogon japonicus</i> | 麥冬 | Native | Common | * | | | | | | | | ** | | | |
| Herb | <i>Oxalis corniculata</i> | 酢醬草 | Native | Very common | | | | | | | * | | | | | * |
| Herb | <i>Oxalis debilis</i> subsp. <i>corymbosa</i> | 紅花酢醬草 | Exotic | Common | | | | | | | * | | | | | * |
| Herb | <i>Paederia scandens</i> | 雞矢藤 | Native | Very common | | | | | | | ** | * | | ** | | ** |
| Herb | <i>Panicum brevifolium</i> | 短葉黍 | Native | Very common | | | | | | | * | | ** | * | | |
| Herb | <i>Panicum dichotomiflorum</i> | 水生黍 | Native | Common | | | | | * | *** | | | | | | |
| Herb | <i>Panicum maximum</i> | 大黍 | Exotic | Very common | | *** | ** | | ** | **** | ** | *** | | ** | **** | *** |
| Herb | <i>Panicum repens</i> | 鋪地黍 | Native | Very common | | | | | | | | | | | | * |
| Herb | <i>Paspalum notatum</i> | 百喜草 | Exotic | Common | | | | | | | | | | | | * |
| Herb | <i>Pennisetum alopecuroides</i> | 狼尾草 | Native | Common | | | | | | * | ** | ** | | | | |
| Herb | <i>Pennisetum purpureum</i> | 象草 | Exotic | Very common | | * | ** | | | ** | * | | | | ** | * |
| Herb | <i>Phyllanthus urinaria</i> | 葉下珠 | Native | Common | | | | | | | | | | | | * |
| Herb | <i>Pilea microphylla</i> | 小葉冷水花 | Exotic | Very common | | | | | | * | | | | | | |
| Herb | <i>Plantago major</i> | 車前草 | Native | Very common | | | | * | | | | * | | | | * |
| Herb | <i>Polygonum chinense</i> | 火炭母 | Native | Very common | * | | | | | * | * | | | * | * | ** |
| Herb | <i>Polygonum glabrum</i> | 光蓼 | Native | Restricted | | | | | | * | | | | | | |
| Herb | <i>Polygonum plebeium</i> | 腋花蓼 | Native | Restricted | | | | | | | * | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|-------------|--|--------------|---------------------|--------------------------------|----------------------------------|----|----|-------------------------|----|-----------------|----|----|-----|----|----|-----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Herb | <i>Portulaca oleracea</i> | 馬齒莧 | Native | Very common | * | | | | | | | | | | | * |
| Herb | <i>Pouzolzia zeylanica</i> | 霧水葛 | Native | Common | | | | | | * | | | | | * | * |
| Herb | <i>Praxelis clematidea</i> | 假臭草 | Exotic | Very common | | | | | | | * | | | | | * |
| Herb | <i>Pteridium aquilinum</i> var. <i>latiusculum</i> | 蕨 | Native | Common | | | | | | | * | | | | | |
| Herb | <i>Pteris ensiformis</i> | 劍葉鳳尾蕨 | Native | Common | | | | | | | | | | * | | |
| Herb | <i>Pteris semipinnata</i> | 半邊旗 | Native | Very common | * | | | | | | | | *** | | | * |
| Herb | <i>Pteris vittata</i> | 蜈蚣草 | Native | Very common | | | | | | | | | | | | * |
| Herb | <i>Ranunculus sceleratus</i> | 石龍芮 | Native | Restricted | | | | | | | | | | | | * |
| Herb | <i>Raphanus sativus</i> | 蘿蔔 | Exotic | Cultivated | | | | | | | | * | | | | |
| Herb | <i>Rumex trisetifer</i> | 長刺酸模 | Native | Common | | | | | | * | | * | | | * | * |
| Herb | <i>Saccharum arundinaceum</i> | 斑茅 | Native | Common | | | | | | | | | | | | * |
| Herb | <i>Saccharum officinarum</i> | 甘蔗 | Exotic | Cultivated | | | | * | | | * | | | | | * |
| Herb | <i>Senecio scandens</i> | 千里光 | Native | Common | | | | | | | | | | | | * |
| Herb | <i>Sesbania cannabina</i> | 田菁 | Exotic | Common | | | | | | | | | | | * | |
| Herb | <i>Sida acuta</i> | 黃花稔 | Native | Common | | | | | | | * | | | | * | * |
| Herb | <i>Solanum americanum</i> | 少花龍葵 | Exotic | Very common | | | | * | | * | * | | | ** | * | ** |
| Herb | <i>Solanum nigrum</i> | 龍葵 | Native | Common | | | | | | | * | * | | | | * |
| Herb | <i>Sonchus arvensis</i> | 苣荬菜 | Native | Very common | | | | | | * | | | | | | |
| Herb | <i>Sonchus oleraceus</i> | 苦苣菜 | Exotic | Very common | | | | | | | * | | | | * | |
| Herb | <i>Spilanthes paniculata</i> | 金鈕扣 | Native | Common | | | | | | | * | | | | * | * |
| Herb | <i>Sporobolus fertilis</i> | 鼠尾粟 | Native | Very common | | | | | | * | | * | | | ** | |
| Herb | <i>Strelitzia reginae</i> | 天堂鳥蕉 | Exotic | Cultivated | | | | | | | | | | | | * |
| Herb | <i>Synedrella nodiflora</i> | 金腰箭 | Exotic | Very common | ** | | | | | | | | | | | |
| Herb | <i>Syngonium auritum</i> | 長耳合果芋 | Exotic | Commonly cultivated | | | | | | * | | | | | | |
| Herb | <i>Syngonium podophyllum</i> | 合果芋 | Exotic | Often planted | | | * | | | | | | | | | |
| Herb | <i>Tithonia diversifolia</i> | 腫柄菊 | Exotic | Common | | | | | | | | | | | | * |
| Herb | <i>Tridax procumbens</i> | 羽芒菊 | Exotic | Very common | | | * | | | * | | | | | ** | * |
| Herb | <i>Vernonia cinerea</i> | 夜香牛 | Native | Very common | | | | | | | * | | | | | |
| Herb | <i>Wedelia trilobata</i> | 三裂葉螞蟥菊 | Exotic | Common, also widely cultivated | | | ** | | | ** | ** | ** | | | ** | *** |
| Herb | <i>Youngia japonica</i> | 黃鵪菜 | Native | Very common | | | | | | ** | | | | ** | * | ** |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|-------------|------------------------------------|--------------|---------------------|------------------------------------|----------------------------------|----|----|-------------------------|----|-----------------|----|-----|----|----|----|----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Herb/Shrub | <i>Catharanthus roseus</i> | 長春花 | Exotic | Common | | | | | | | * | | | | | * |
| Herb/Shrub | <i>Duhaldea cappa</i> | 羊耳菊 | Native | Common | | | | | | | ** | | | | | |
| Herb/Shrub | <i>Malvastrum coromandelianum</i> | 賽葵 | Native | Common | | | | | | | * | ** | | | ** | * |
| Herb/Shrub | <i>Melastoma dodecandrum</i> | 地荵 | Native | Common | | | | | | | * | | | | | |
| Herb/Shrub | <i>Scoparia dulcis</i> | 野甘草 | Exotic | Common | | | | | | * | * | | | * | * | * |
| Shrub | <i>Allamanda cathartica</i> | 軟枝黃蟬 | Exotic | Commonly cultivated | | | | | | | | | | | | * |
| Shrub | <i>Ardisia crenata</i> | 朱砂根 | Native | Common | | | | | | | | | * | * | | |
| Shrub | <i>Boehmeria nivea</i> | 苧麻 | Exotic | Common | ** | | | | | | | | | | | * |
| Shrub | <i>Breynia fruticosa</i> | 黑面神 | Native | Very common | | | | | | | ** | ** | | ** | | |
| Shrub | <i>Calliandra haematocephala</i> | 紅絨球 | Exotic | Cultivated | | | | | | | | | | * | | ** |
| Shrub | <i>Callicarpa kochiana</i> | 枇杷葉紫珠 | Native | Common | | | * | | | | * | | | * | | |
| Shrub | <i>Clerodendrum fortuneatum</i> | 鬼燈籠 | Native | Common | | | | | | | ** | ** | * | ** | | |
| Shrub | <i>Codiaeum variegatum</i> | 變葉木 | Exotic | Cultivated | | | * | | | | | | | | | |
| Shrub | <i>Cordyline fruticosa</i> | 朱蕉 | Exotic | Cultivated | * | | * | * | | | | | | | | ** |
| Shrub | <i>Desmodium heterocarpon</i> | 假地豆 | Native | Very common | | | | | | | | | * | | | |
| Shrub | <i>Dracaena sanderiana</i> | 富貴竹 | Exotic | Planted or naturalized | | | | | | * | | | * | | | |
| Shrub | <i>Dypsis lutescens</i> | 散尾葵 | Exotic | Cultivated | | | | | | * | | | | * | | * |
| Shrub | <i>Flueggea virosa</i> | 白飯樹 | Native | Common | | | | | | * | | | | * | | ** |
| Shrub | <i>Helicteres angustifolia</i> | 山芝麻 | Native | Very common | | | | | | | ** | ** | | | | |
| Shrub | <i>Hibiscus rosa-sinensis</i> | 大紅花 | Exotic | Commonly cultivated | | | | | | | | | | | | * |
| Shrub | <i>Ilex asprella</i> | 梅葉冬青 | Native | Very common | | | | | | | * | * | ** | ** | | |
| Shrub | <i>Ilex pubescens</i> | 毛冬青 | Native | Very common | | | | | | | * | | | | | |
| Shrub | <i>Ixora chinensis</i> | 龍船花 | Native | Restricted, also widely cultivated | | | | | | | | | | | | * |
| Shrub | <i>Lantana camara</i> | 馬纓丹 | Exotic | Very common | | | * | | | * | ** | ** | ** | ** | ** | ** |
| Shrub | <i>Lycium chinense</i> | 枸杞 | Exotic | Cultivated | | | | ** | | | | | | | | |
| Shrub | <i>Maesa perlaris</i> | 鯽魚膽 | Native | Common | | | | | | | | | ** | | | |
| Shrub | <i>Manihot esculenta</i> | 木薯 | Exotic | Cultivated | | | | | | * | * | * | * | * | | * |
| Shrub | <i>Melastoma malabathricum</i> | 野牡丹 | Native | Common | | | | | | | ** | *** | | * | | |
| Shrub | <i>Phyllanthus cochinchinensis</i> | 越南葉下珠 | Native | Very common | | | | | | | | * | * | * | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|-------------|-----------------------------------|--------------|---------------------|---|----------------------------------|----|----|-------------------------|----|-----------------|----|----|-----|-----|-----|-----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Shrub | <i>Phyllanthus reticulatus</i> | 小果葉下珠 | Native | Common | | | * | | | * | | | ** | * | * | |
| Shrub | <i>Phyllodium elegans</i> | 毛排錢草 | Native | Common | | | | | | | | * | | | | |
| Shrub | <i>Rhodomyrtus tomentosa</i> | 桃金娘 | Native | Very common | | | | | | | ** | | | | | |
| Shrub | <i>Ricinus communis</i> | 蓖麻 | Exotic | Restricted but often planted and naturalized | * | | | | | ** | * | * | | | * | |
| Shrub | <i>Rosa multiflora</i> | 野薔薇 | Exotic | Cultivated | | | | | | | | | | * | | |
| Shrub | <i>Rosa rugosa</i> | 玫瑰 | Exotic | Cultivated | | | | | | | | | | | | * |
| Shrub | <i>Sarcandra glabra</i> | 草珊瑚 | Native | Common | * | | | | | | | | | | | |
| Shrub | <i>Senna occidentalis</i> | 望江南 | Exotic | Very common | | | | | | | | | | | * | |
| Shrub | <i>Solanum torvum</i> | 水茄 | Exotic | Common | | | | | * | | * | | | ** | * | * |
| Shrub | <i>Urena lobata</i> | 肖梵天花 | Native | Common | | | | | | | ** | | | | | |
| Shrub | <i>Wikstroemia indica</i> | 了哥王 | Native | Common | | | | | | | ** | * | | * | | |
| Shrub | <i>Zanthoxylum piperitum</i> | 胡椒木 | Exotic | - | | | | | | | | | | | | * |
| Shrub/Tree | <i>Aglaiia odorata</i> | 米仔蘭 | Exotic | Cultivated | | | | | | | | | | | | * |
| Shrub/Tree | <i>Bridelia tomentosa</i> | 土蜜樹 | Native | Very common | | | * | | | * | ** | ** | *** | ** | | *** |
| Shrub/Tree | <i>Brucea javanica</i> | 鴉膽子 | Native | Common | | | | | | | ** | | | | | |
| Shrub/Tree | <i>Clerodendrum cyrtophyllum</i> | 大青 | Native | Common | | | | | | | | * | * | * | | |
| Shrub/Tree | <i>Cratogeomys cochinchinense</i> | 黃牛木 | Native | Very common | | | | | | | ** | ** | ** | ** | | |
| Shrub/Tree | <i>Eurya nitida</i> | 細齒葉柃 | Native | Very common | | | | | | | | | | * | | |
| Shrub/Tree | <i>Ficus hirta</i> | 粗葉榕 | Native | Common | | | | | | | ** | ** | ** | * | | ** |
| Shrub/Tree | <i>Ficus hispida</i> | 對葉榕 | Native | Very common | | | | | * | ** | ** | | ** | *** | ** | *** |
| Shrub/Tree | <i>Ficus variolosa</i> | 變葉榕 | Native | Very common | | | | | | | | | | | | * |
| Shrub/Tree | <i>Glochidion eriocarpum</i> | 毛果算盤子 | Native | Very common | | | | | | | * | * | ** | ** | | |
| Shrub/Tree | <i>Glochidion lanceolarium</i> | 大葉算盤子 | Native | Common | | | | | | | | * | | * | | |
| Shrub/Tree | <i>Ilex viridis</i> | 綠冬青 | Native | Common | | | | | | | | | * | | | |
| Shrub/Tree | <i>Lagerstroemia indica</i> | 紫薇 | Exotic | Regarded as Rare in Xing et al. (2000), protected under Cap. 96, but often commonly planted; the recorded specimen is planted | | | | | | | | | | | | * |
| Shrub/Tree | <i>Leucaena leucocephala</i> | 銀合歡 | Exotic | Cultivated or naturalized | | | | * | | ** | ** | ** | ** | *** | *** | *** |
| Shrub/Tree | <i>Ligustrum sinense</i> | 山指甲 | Exotic | Common, also widely cultivated | ** | | * | | | | ** | | *** | *** | * | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|-------------|---|--------------|---------------------|--|----------------------------------|----|----|-------------------------|----|-----------------|----|----|-----|-----|----|----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Shrub/Tree | <i>Litsea cubeba</i> | 木薑子 | Native | Common | | | | | | | | * | ** | | | |
| Shrub/Tree | <i>Litsea rotundifolia</i> var. <i>oblongifolia</i> | 豺皮樟 | Native | Very common | | | | | | | | | *** | ** | | |
| Shrub/Tree | <i>Mallotus apelta</i> | 白背葉 | Native | Common | | | | | | | | * | | | | |
| Shrub/Tree | <i>Mallotus paniculatus</i> | 白楸 | Native | Very common | | | | | | | ** | * | ** | ** | | |
| Shrub/Tree | <i>Morus alba</i> | 桑 | Native | Common and cultivated | | | * | | | | * | | | | | * |
| Shrub/Tree | <i>Osmanthus fragrans</i> | 桂花, 木犀 | Exotic | Cultivated | | | | | | | | | | | | * |
| Shrub/Tree | <i>Paliurus ramosissimus</i> | 馬甲子 | Native | Common | | | | | | | | * | | | | |
| Shrub/Tree | <i>Phyllanthus emblica</i> | 油甘子 | Native | Very common | | | | | | | ** | ** | * | ** | | |
| Shrub/Tree | <i>Psychotria asiatica</i> | 山大刀 | Native | Very common | | | | | | | ** | | *** | ** | | |
| Shrub/Tree | <i>Punica granatum</i> | 安石榴 | Exotic | Cultivated | | | | | | | * | | | | | * |
| Shrub/Tree | <i>Rhaphiolepis indica</i> | 車輪梅 | Native | Very common | | | | | | | | ** | * | ** | | * |
| Shrub/Tree | <i>Schefflera heptaphylla</i> | 鴨腳木 | Native | Very common | | | | | | | * | | ** | ** | | * |
| Shrub/Tree | <i>Senna surattensis</i> | 黃槐 | Exotic | Often planted | | | | | | | | | | | | * |
| Shrub/Tree | <i>Solanum erianthum</i> | 假煙葉樹 | Exotic | Common | | | | | | | | | | | | * |
| Shrub/Tree | <i>Trema tomentosa</i> | 山黃麻 | Native | Common | | | | | | * | * | ** | ** | * | | * |
| Small Tree | <i>Rhus chinensis</i> | 鹽膚木 | Native | Common | | | | | | | ** | ** | | ** | | |
| Small Tree | <i>Rhus succedanea</i> | 野漆樹 | Native | Common | | | | | | | ** | * | * | * | | * |
| Tree | <i>Acacia auriculiformis</i> | 耳果相思 | Exotic | Widely cultivated | * | ** | | | | | * | | | ** | | * |
| Tree | <i>Acacia confusa</i> | 台灣相思 | Exotic | Widely cultivated | | | | | | | ** | ** | | *** | ** | * |
| Tree | <i>Acacia mangium</i> | 大葉相思 | Exotic | Widely cultivated | | | | | | | * | | | ** | | |
| Tree | <i>Albizia lebbeck</i> | 大葉合歡 | Exotic | Cultivated | | | | | | | * | | | | | |
| Tree | <i>Annona squamosa</i> | 番荔枝 | Exotic | Cultivated | | | | | | | | | | | | * |
| Tree | <i>Antidesma ghaesembilla</i> | 方葉五月茶 | Native | Common | | | | | | | * | | | * | | |
| Tree | <i>Aporosa dioica</i> | 銀柴 | Native | Very common | | | | | | | ** | | *** | ** | | |
| Tree | <i>Aquilaria sinensis</i> | 土沉香 | Native | Common, Protected under Cap. 586, listed as "Vulnerable" in China Plant Red Data Book, under State protection (Category II) in China (AFCD 2003, Pang <i>et al.</i> 2011), classified as "Vulnerable" on the IUCN Red List | * | | | | | | | | * | * | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|-------------|--------------------------------------|--------------|---------------------|--|----------------------------------|----|----|-------------------------|----|-----------------|----|----|----|-----|----|-----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Tree | <i>Araucaria heterophylla</i> | 異葉南洋杉 | Exotic | Cultivated | | | | | | | | | | * | | * |
| Tree | <i>Archontophoenix alexandrae</i> | 假檳榔 | Exotic | Commonly cultivated | | | | | | | | | | | * | * |
| Tree | <i>Artocarpus heterophyllus</i> | 菠蘿蜜 | Exotic | Commonly planted for fruit | ** | | | * | | ** | * | | | | | ** |
| Tree | <i>Averrhoa carambola</i> | 楊桃 | Exotic | Planted | * | | | | | * | | | | | | * |
| Tree | <i>Bauhinia</i> sp. | 羊蹄甲屬 | - | - | | | | | | | | | | | | * |
| Tree | <i>Bauhinia variegata</i> | 宮粉羊蹄甲 | Exotic | Cultivated | * | | | | | | * | * | | | * | * |
| Tree | <i>Bauhinia x blakeana</i> | 洋紫荊 | Native | Cultivated | | | | | | | * | | | | * | |
| Tree | <i>Bombax ceiba</i> | 木棉 | Exotic | Cultivated | | | | | | | * | | | | | * |
| Tree | <i>Broussonetia papyrifera</i> | 構樹 | Native | Very common | | | | | | | | | | | * | * |
| Tree | <i>Carica papaya</i> | 番木瓜 | Exotic | Cultivated | | | * | | | ** | * | | | | | ** |
| Tree | <i>Castanopsis fissa</i> | 鰲菊錐 | Native | Common | | | | | | | | | | * | | |
| Tree | <i>Celtis sinensis</i> | 朴 | Native | Common and widely planted | * | | * | | * | * | ** | | ** | *** | * | ** |
| Tree | <i>Cinnamomum burmannii</i> | 陰香 | Native | Common, also cultivated | | | | | | | | | | * | | |
| Tree | <i>Cinnamomum camphora</i> | 樟 | Native | Common, also cultivated | | | | | | | | | | | | ** |
| Tree | <i>Citrus maxima</i> | 柚 | Exotic | Cultivated | | | | | | | | | | | | * |
| Tree | <i>Citrus reticulata</i> | 桔 | Exotic | Cultivated | * | | * | | | | | | | * | | * |
| Tree | <i>Clausena lansium</i> | 黃皮 | Exotic | Cultivated | | | | | | * | | | | | * | * |
| Tree | <i>Dimocarpus longan</i> | 龍眼 | Exotic | Restricted, but widely cultivated and semi-naturalised | * | * | | * | * | * | * | ** | ** | ** | | *** |
| Tree | <i>Eriobotrya japonica</i> | 枇杷 | Exotic | Cultivated | * | | | | | * | | | | * | | ** |
| Tree | <i>Erythrina speciosa</i> | 象牙花 | Exotic | Cultivated | * | | * | | | | | | | | | * |
| Tree | <i>Erythrina variegata</i> | 刺桐 | Exotic | Cultivated | ** | | | | | * | | | | | | |
| Tree | <i>Eucalyptus camaldulensis</i> | 赤桉 | Exotic | Cultivated | | | | | | | * | | | | | |
| Tree | <i>Eucalyptus citriodora</i> | 檸檬桉 | Exotic | Cultivated | | | | | | | | | | | | * |
| Tree | <i>Ficus benjamina</i> | 垂葉榕 | Exotic | Cultivated | | | ** | | | | | | | | * | * |
| Tree | <i>Ficus microcarpa</i> | 細葉榕 | Native | Common and widely cultivated | | | * | | | * | * | | * | * | | * |
| Tree | <i>Ficus subpisocarpa</i> | 筆管榕 | Native | Common | * | | | | | | | | | | | |
| Tree | <i>Ficus variegata</i> | 青果榕 | Native | Common | | | | | | * | | | | | | * |
| Tree | <i>Juniperus chinensis</i> | 圓柏 | Exotic | Cultivated | | | * | | | | | | | | | * |
| Tree | <i>Juniperus chinensis</i> 'Kaizuca' | 龍柏 | Exotic | Cultivated | | | | | | * | | | | | | * |
| Tree | <i>Lagerstroemia speciosa</i> | 大花紫薇 | Exotic | Cultivated | | | | | | | | | | | | ** |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | |
|-------------|---|--------------|---------------------|---|----------------------------------|----|----|-------------------------|----|-----------------|-----|----|----|-----|----|----|----|
| | | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR | |
| Tree | <i>Litchi chinensis</i> | 荔枝 | Exotic | Regarded as Restricted in Xing <i>et al.</i> (2000), widely cultivated for fruits, also planted in fung shui wood | | * | | | | | * | | | | | | ** |
| Tree | <i>Litsea glutinosa</i> | 潺槁 | Native | Very common | | | | | | | *** | * | ** | * | | | * |
| Tree | <i>Litsea monopetala</i> | 假柿木薑子 | Native | Restricted | | | | | | | * | | * | * | | | |
| Tree | <i>Macaranga tanarius</i> var. <i>tomentosa</i> | 血桐 | Native | Common | ** | ** | ** | | | | ** | ** | ** | * | ** | ** | ** |
| Tree | <i>Mangifera indica</i> | 杧果 | Exotic | Cultivated | * | * | | | | | * | * | | | | | * |
| Tree | <i>Melia azedarach</i> | 苦楝 | Exotic | Cultivated or naturalized | * | | * | | | | ** | * | * | ** | * | | ** |
| Tree | <i>Michelia x alba</i> | 白蘭 | Exotic | Widely cultivated | * | | | | | | * | | | | | | * |
| Tree | <i>Murraya paniculata</i> | 九里香 | Exotic | Cultivated or naturalized | | | * | | | | | | * | | | | |
| Tree | <i>Nageia nagi</i> | 竹柏 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Pachira aquatica</i> | 瓜栗 | Exotic | Planted for ornamental purpose | | | | | | | | | | | | | * |
| Tree | <i>Pinus elliotii</i> | 濕地松 | Exotic | Widely planted | | | | | | | * | | | | | | |
| Tree | <i>Pinus massoniana</i> | 馬尾松 | Native | Common | | | | | | | * | | * | | | | * |
| Tree | <i>Platyclusus orientalis</i> | 側柏 | Exotic | Often planted | | | * | | | | * | | | | | | * |
| Tree | <i>Plumeria rubra</i> | 雞蛋花 | Exotic | Commonly cultivated | | | | | | | | | | | | | * |
| Tree | <i>Podocarpus macrophyllus</i> | 羅漢松 | Native | Restricted and often planted | | | | | | | | | | | | | * |
| Tree | <i>Podocarpus macrophyllus</i> var. <i>maki</i> | 小葉羅漢松 | Exotic | Classified as "Near Threatened" in IUCN Red List, widely planted as ornamentals | | | | | | | | | | | | | * |
| Tree | <i>Psidium guajava</i> | 番石榴 | Exotic | Common and often planted | * | | * | | * | * | * | * | | * | * | | ** |
| Tree | <i>Roystonea regia</i> | 王棕 | Exotic | Often planted | | | | | | | | | | | | | * |
| Tree | <i>Sapium discolor</i> | 山烏柏 | Native | Very common | | | | | | | | | | * | | | |
| Tree | <i>Sapium sebiferum</i> | 烏柏 | Native | Common | | | | | | | | | | ** | | | |
| Tree | <i>Senna siamea</i> | 鐵刀木 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Sterculia lanceolata</i> | 假蘋婆 | Native | Very common | | | | | | | | | ** | * | | | |
| Tree | <i>Sterculia nobilis</i> | 蘋婆 | Exotic | Restricted and cultivated | | | | | | | | | | | | | * |
| Tree | <i>Syzygium jambos</i> | 蒲桃 | Exotic | Cultivated and naturalized | * | | | | | | * | | | | | | |
| Tree | <i>Terminalia arjuna</i> | 阿江欖仁 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Terminalia mantaly</i> | 小葉欖仁 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Zanthoxylum avicennae</i> | 筍櫨 | Native | Common | | | | | | | | * | | *** | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | |
|---|-----------------|--------------|---------------------|-------------------------------|----------------------------------|-----------|-----------|-------------------------|-----------|-----------------|------------|-----------|-----------|------------|-----------|------------|
| | | | | | WC ⁴ | PL | UR | AG | PO | WC ⁴ | GR | GS | SW | PL | WG | UR |
| Total number of species recorded | | | | 312 | 42 | 15 | 31 | 12 | 15 | 86 | 132 | 78 | 75 | 101 | 64 | 172 |

Key for abundance: * = Scarce, ** = Occasional, *** = Frequent, **** = Abundant.

⁴Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Origin of plant species refers to AFCD (2012).
2. Status follows
 - a. Xing *et al.* (2000).
 - b. AFCD (2003).
 - c. AFCD (2007).
 - d. AFCD (2008).
 - e. AFCD (2009).
 - f. AFCD (2011).
 - g. Pang *et al.* (2011).
3. Habitat: AG=Agricultural Land, PO=Pond, WC=Watercourse, GR=Grassland, GS=Grassland/Shrubland, SW=Secondary Woodland, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table A2.1. Maximum count of mammal species recorded within the 500m Study Area of Sung Shan New Village.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Study Area | |
|---|--------------------------------|---|-------------------------------|------------|--------------|
| | | | | Plantation | Waste Ground |
| Pallas's Squirrel | <i>Callosciurus erythraeus</i> | Cap. 170 | Common | 1 | |
| Eurasian Wild Pig | <i>Sus scrofa</i> | - | Very Common | | scat |
| Total number of species recorded | | | | 1 | 1 |

Notes:

1. Conservation and protection status:
 - a. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance.
2. Hong Kong Status refers to AFCD (2015a).

Table A2.2. Raw data of mammal species recorded on transects or point count location at the 500m Study Area of Sung Shan New Village.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|---|----------------------------------|--------------|-------------------|--------------------------------|-----------|-----------|
| SA | T9 | Plantation | Pallas's Squirrel | <i>Callosciurus erythraeus</i> | 1 | 10-Feb-15 |
| SA | T9 | Plantation | Pallas's Squirrel | <i>Callosciurus erythraeus</i> | 1 | 27-Jul-15 |
| SA | T9 | Waste Ground | Eurasian Wild Pig | <i>Sus scrofa</i> | scat | 10-Feb-15 |

Table A3.1. Mean count of bird species recorded within the 500m Study Area of Sung Shan New Village.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|-------------------------|----------------------------------|---|-------------------------------|----------------------------------|-----|-----|-------------------------|----|-----------------|-----|-----|-----|-----|-----|-----|-----------|-----|
| | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR | In flight | |
| Chinese Francolin | <i>Francolinus pintadeanus</i> | - | R | | | | | | | | 0.3 | 0.2 | 0.3 | 0.2 | | | |
| Chinese Pond Heron | <i>Ardeola bacchus</i> | PRC (RC) | P | 0.2 | | | | | | 0.7 | | | | | | | |
| Little Egret | <i>Egretta garzetta</i> | PRC (RC) | P | 0.5 | | | | | | 0.7 | | | | | | | |
| Crested Serpent Eagle | <i>Spilornis cheela</i> | (LC), CRDB(VU) | R,M | | | | | | | | | | | | | | 0.3 |
| Crested Goshawk | <i>Accipiter trivirgatus</i> | CRDB(R) | R | | | | | | | | | | | | | | 0.2 |
| Black Kite | <i>Milvus migrans</i> | (RC) | W,R | | | | | | | | | | | | | | 0.2 |
| White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | - | R | | | | | | | 1.7 | | | 0.3 | | | | |
| Green Sandpiper | <i>Tringa ochropus</i> | - | W | | | | | | 0.2 | 0.2 | | | | | | | |
| Oriental Turtle Dove | <i>Streptopelia orientalis</i> | - | W | | | | | | | | | | | | 0.2 | | |
| Spotted Dove | <i>Spilopelia chinensis</i> | - | R | 0.3 | 0.5 | 0.3 | | | | 0.2 | 0.2 | | 1.2 | 0.7 | 0.5 | 2.3 | |
| Common Emerald Dove | <i>Chalcophaps indica</i> | CRDB(VU) | R | | | | | | | | | | 0.3 | | | | |
| Greater Coucal | <i>Centropus sinensis</i> | CRDB(VU) | R | 0.2 | 0.3 | | | | | | 0.2 | | 1.3 | 0.2 | | | |
| Lesser Coucal | <i>Centropus bengalensis</i> | CRDB(VU) | R | | | | | | | | 0.7 | 0.2 | | 0.3 | | | |
| Asian Koel | <i>Eudynamis scolopaceus</i> | - | Su,R | | | | | | | | | | 0.2 | 0.3 | | 0.2 | |
| Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | - | Su | | | | | | | | 0.2 | | 0.5 | 0.3 | | | |
| Indian Cuckoo | <i>Cuculus micropterus</i> | - | Su | | | | | | | | | | 0.2 | 0.2 | | | |
| Savanna Nightjar | <i>Caprimulgus affinis</i> | - | Su,?W | | | | | | | | | | | 0.2 | | | |
| House Swift | <i>Apus nipalensis</i> | - | R,SpM | | | | | | | | 5.2 | 0.3 | | 0.2 | | | |
| Long-tailed Shrike | <i>Lanius schach</i> | - | R | | | | | | | | | | | | 0.2 | | |
| Hair-crested Drongo | <i>Dicrurus hottentottus</i> | - | M,Su,W | | | | | | | | 1.2 | | | | | | |
| Eurasian Magpie | <i>Pica pica</i> | - | R | | 0.2 | | | | | | | | 0.0 | | | 0.2 | |
| Large-billed Crow | <i>Corvus</i> | - | R | | | | | | | | 0.3 | | 0.3 | | | | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|-------------------------------|----------------------------------|---|-------------------------------|----------------------------------|-----|-----|-------------------------|----|-----------------|-----|-----|-----|-----|-----|-----|-----------|--|
| | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR | In flight | |
| | <i>macrorhynchos</i> | | | | | | | | | | | | | | | | |
| Cinereous Tit | <i>Parus cinereus</i> | - | R | | | | | | | | 0.5 | | 0.8 | 1.0 | | 0.2 | |
| Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | - | R | 0.2 | 2.0 | 0.2 | 0.3 | | | | 1.2 | | 2.7 | 2.2 | 1.7 | 6.3 | |
| Chinese Bulbul | <i>Pycnonotus sinensis</i> | - | R | 0.2 | | | | | | | 0.7 | | 1.2 | 0.2 | | 3.3 | |
| Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | - | R | | | | | | | | 0.7 | | | 0.2 | | | |
| Barn Swallow | <i>Hirundo rustica</i> | - | SpM,Su | 0.8 | | | | | | | 0.8 | | 0.7 | 0.2 | | 3.2 | |
| Dusky Warbler | <i>Phylloscopus fuscatus</i> | - | W | | | | | | | | | | 0.2 | | | 0.3 | |
| Pallas's Leaf Warbler | <i>Phylloscopus proregulus</i> | - | W | | | | | | | | | | | 0.2 | | | |
| Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | - | W | | | | | | | | 0.3 | | 1.0 | 0.8 | | 0.5 | |
| Yellow-bellied Prinia | <i>Prinia flaviventris</i> | - | R | | | | | | | 0.2 | 1.7 | 0.3 | 0.8 | 0.3 | 0.7 | 0.7 | |
| Plain Prinia | <i>Prinia inornata</i> | - | R | | | | | | | | | | 0.3 | | | | |
| Common Tailorbird | <i>Orthotomus sutorius</i> | - | R | | 0.3 | 0.2 | 0.2 | | | | 0.2 | 0.2 | 2.0 | 1.0 | 0.2 | 0.8 | |
| Masked Laughingthrush | <i>Garrulax perspicillatus</i> | - | R | | | | 0.5 | | | | 1.5 | 0.3 | 2.3 | 0.2 | 0.2 | 0.3 | |
| Black-throated Laughingthrush | <i>Garrulax chinensis</i> | - | R | | | | | | | | 0.3 | | | 0.2 | | | |
| Japanese White-eye | <i>Zosterops japonicus</i> | - | R,?W | 1.3 | 2.0 | 0.5 | | | | | 1.2 | | 4.7 | 1.8 | 0.7 | 2.2 | |
| Crested Myna | <i>Acridotheres cristatellus</i> | - | R | | | | | | | | 0.3 | 0.2 | 0.2 | | | 1.5 | |
| Black-collared Starling | <i>Gracupica nigricollis</i> | - | R | | 0.5 | | | | | | | | 0.3 | 0.5 | 0.2 | 0.5 | |
| Oriental Magpie Robin | <i>Copsychus saularis</i> | - | R | 0.3 | 0.8 | | 0.2 | | | | | 0.2 | 0.7 | 0.5 | | 1.3 | |
| Red-flanked Bluetail | <i>Tarsiger cyanurus</i> | - | W | | | | | | | | | | | 0.2 | | | |
| Daurian Redstart | <i>Phoenicurus aureus</i> | - | W | | | | | | | | | | | 0.3 | | 0.2 | |
| Stejneger's Stonechat | <i>Saxicola stejnegeri</i> | - | W,M | | | | | | | | | | 0.2 | | | | |
| Scarlet-backed | <i>Dicaeum cruentatum</i> | - | R | | | | | | | | | | 0.2 | 0.2 | | | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|---|---------------------------------|---|-------------------------------|----------------------------------|-----------|----------|-------------------------|----------|-----------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|--|
| | | | | WC ⁺ | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | PL | WG | UR | In flight | |
| Flowerpecker | | | | | | | | | | | | | | | | | |
| Fork-tailed Sunbird | <i>Aethopyga christinae</i> | - | R | | | | | | | | | | 0.2 | | | | |
| Eurasian Tree Sparrow | <i>Passer montanus</i> | - | R | | 1.0 | 3.2 | 0.2 | | | 0.5 | | 0.3 | | 1.0 | 13.7 | | |
| White-rumped Munia | <i>Lonchura striata</i> | - | R | 0.2 | | | 0.2 | | | | | | | | | | |
| Scaly-breasted Munia | <i>Lonchura punctulata</i> | - | R | | 0.2 | | | | | | | | | | | | |
| Eastern Yellow Wagtail | <i>Motacilla tschutschensis</i> | - | M,W | | | | | | | 0.2 | | | | | | | |
| Grey Wagtail | <i>Motacilla cinerea</i> | - | W | 0.2 | | | | | | 0.2 | | | | | | 0.2 | |
| White Wagtail | <i>Motacilla alba</i> | - | W,R | 2.3 | | | | | | 1.3 | 0.2 | | 0.2 | 0.2 | | | |
| Olive-backed Pipit | <i>Anthus hodgsoni</i> | - | W | | | | 0.3 | | | 1.0 | | | | | | 1.0 | |
| Total number of species recorded | | | | 12 | 10 | 5 | 7 | 1 | 9 | 23 | 8 | 28 | 28 | 10 | 20 | 3 | |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:

- a. Fellowes *et al.* (2002): LC=Local Concern, PRC=Potential Regional Concern, RC=Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
- b. China Red Data Book (CRDB) (Zheng and Wang 1998): VU=Vulnerable, R=Rare.
- c. All wild birds in Hong Kong are protected under Wild Animals Protection Ordinance (Cap. 170).

2. Principal status refers to Carey *et al.* (2001): R=resident, W=winter visitor, Su=summer visitor, M=migrant, Sp=spring, P=present all year, exact composition unknown; “?” = possible status.

3. Habitat: AG=Agricultural Land, PO=Pond, WC=Watercourse, GR=Grassland, GS=Grassland/Shrubland, SW=Secondary Woodland, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table A3.2. Raw data of bird species recorded on transects or at point count locations at the 500m Study Area of Sung Shan New Village.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|------------------------------|-----------|-----------|---------|
| WLB | P1 | Watercourse | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 9-Feb-15 | |
| WLB | P1 | Watercourse | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 9-Feb-15 | |
| WLB | P1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 2 | 9-Feb-15 | |
| WLB | P1 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 9-Feb-15 | |
| WLB | P1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 5-Mar-15 | |
| WLB | P1 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 5-Mar-15 | |
| WLB | P1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 5-Mar-15 | |
| WLB | P1 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 5-Mar-15 | |
| WLB | P1 | Watercourse | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 5-Mar-15 | |
| WLB | P1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 3 | 5-Mar-15 | |
| WLB | P1 | Watercourse | Barn Swallow | <i>Hirundo rustica</i> | 5 | 5-Mar-15 | |
| WLB | P1 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 10 | 5-Mar-15 | |
| WLB | P1 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 5-Mar-15 | |
| WLB | P1 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 5-Mar-15 | |
| WLB | P1 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 5-Mar-15 | |
| WLB | P1 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 5-Mar-15 | |
| WLB | P2 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 4 | 9-Feb-15 | |
| WLB | P2 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 9-Feb-15 | |
| WLB | P2 | Plantation | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 9-Feb-15 | |
| WLB | P2 | Plantation | Greater Coucal | <i>Centropus sinensis</i> | 1 | 5-Mar-15 | |
| WLB | P2 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 5-Mar-15 | |
| WLB | P2 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 5-Mar-15 | |
| WLB | P2 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 5-Mar-15 | |
| WLB | P2 | Plantation | Scaly-breasted Munia | <i>Lonchura punctulata</i> | 1 | 27-Jul-15 | |
| WLB | P2 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 27-Jul-15 | call |
| WLB | P2 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 27-Jul-15 | call |
| WLB | P2 | Plantation | Greater Coucal | <i>Centropus sinensis</i> | 1 | 27-Jul-15 | |
| WLB | P2 | Plantation | Black-collared Starling | <i>Gracupica nigricollis</i> | 3 | 27-Jul-15 | |
| WLB | P2 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 5-Mar-15 | |
| WLB | P2 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 27-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-----------------------|-----------------------------|-----------|-----------|---------|
| WLB | P2 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Apr-15 | |
| WLB | P2 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 27-Apr-15 | |
| WLB | P2 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Apr-15 | |
| WLB | P2 | Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 9-Feb-15 | |
| WLB | P2 | Watercourse | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 5-Mar-15 | |
| WLB | P2 | Watercourse | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 27-Apr-15 | |
| WLB | P2 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 27-Jul-15 | |
| WLB | T3 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 9-Feb-15 | |
| WLB | T3 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 9-Feb-15 | |
| WLB | T3 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 9-Feb-15 | |
| WLB | T3 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 9-Feb-15 | |
| WLB | T3 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 9-Feb-15 | |
| WLB | T3 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 9-Feb-15 | |
| WLB | T3 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 5-Mar-15 | |
| WLB | T3 | Plantation | Eurasian Magpie | <i>Pica pica</i> | 1 | 12-Jun-15 | |
| WLB | T3 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 12-Jun-15 | |
| WLB | T3 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Jun-15 | |
| WLB | T3 | Plantation | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 27-Apr-15 | |
| WLB | T3 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Apr-15 | |
| WLB | T3 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Apr-15 | |
| WLB | T3 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 27-Apr-15 | |
| WLB | T3 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 9-Feb-15 | |
| WLB | T3 | Watercourse | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 10-Feb-15 | |
| WLB | T3 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 5 | 5-Mar-15 | |
| WLB | T3 | Watercourse | White-rumped Munia | <i>Lonchura striata</i> | 1 | 12-Jun-15 | |
| WLB | T3 | Watercourse | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 12-Jun-15 | |
| WLB | T3 | Watercourse | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 12-Jun-15 | |
| WLB | T3 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 12-Jun-15 | |
| WLB | T3 | Watercourse | Greater Coucal | <i>Centropus sinensis</i> | 1 | 12-Jun-15 | call |
| SA | P1 | Urban/ Residential Area | Eurasian Magpie | <i>Pica pica</i> | 1 | 9-Feb-15 | |
| SA | P1 | Urban/ Residential Area | Daurian Redstart | <i>Phoenicurus aureus</i> | 1 | 9-Feb-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | P3 | Secondary Woodland | Barn Swallow | <i>Hirundo rustica</i> | 3 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Greater Coucal | <i>Centropus sinensis</i> | 1 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 5-Mar-15 | |
| SA | P3 | Secondary Woodland | Common Emerald Dove | <i>Chalcophaps indica</i> | 2 | 8-May-15 | |
| SA | P3 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Apr-15 | |
| SA | P3 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 27-Apr-15 | |
| SA | P3 | Secondary Woodland | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 27-Apr-15 | |
| SA | P3 | Secondary Woodland | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 27-Apr-15 | |
| SA | P3 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 8-May-15 | |
| SA | P3 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 8-May-15 | |
| SA | P3 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 8-May-15 | |
| SA | P3 | Secondary Woodland | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 8-May-15 | |
| SA | P4 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 9-Feb-15 | |
| SA | P4 | Plantation | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 9-Feb-15 | |
| SA | P4 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 9-Feb-15 | |
| SA | P4 | Plantation | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 9-Feb-15 | |
| SA | P4 | Plantation | Daurian Redstart | <i>Phoenicurus aureus</i> | 1 | 5-Mar-15 | |
| SA | P4 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 5-Mar-15 | |
| SA | P4 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 5-Mar-15 | |
| SA | P4 | Plantation | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 5-Mar-15 | |
| SA | P4 | Plantation | Cinereous Tit | <i>Parus cinereus</i> | 2 | 5-Mar-15 | |
| SA | P4 | Plantation | Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | 1 | 8-May-15 | |
| SA | P4 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 8-May-15 | |
| SA | P5 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 8-May-15 | |
| SA | P5 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 8-May-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|---------------------------------|-----------|-----------|------------------|
| SA | P5 | Urban/ Residential Area | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 8-May-15 | |
| SA | P5 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 8-May-15 | |
| SA | P5 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 9-Feb-15 | |
| SA | P5 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 9-Feb-15 | |
| SA | P5 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 9-Feb-15 | |
| SA | P5 | Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 2 | 5-Mar-15 | |
| SA | P5 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 5-Mar-15 | |
| SA | P5 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 2 | 5-Mar-15 | |
| SA | P5 | Watercourse | Eastern Yellow Wagtail | <i>Motacilla tschutschensis</i> | 1 | 5-Mar-15 | |
| SA | P5 | Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 5 | 8-May-15 | include 4 chicks |
| SA | P5 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 8-May-15 | |
| SA | T1 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 9-Feb-15 | |
| SA | T1 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 10 | 9-Feb-15 | |
| SA | T1 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 2 | 5-Mar-15 | |
| SA | T1 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 10 | 5-Mar-15 | |
| SA | T1 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 8-May-15 | |
| SA | T1 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 8-May-15 | |
| SA | T1 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 8-May-15 | |
| SA | T1 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 9-Feb-15 | |
| SA | T1 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 10-Feb-15 | |
| SA | T1 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 10-Feb-15 | |
| SA | T1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 5 | 5-Mar-15 | |
| SA | T1 | Watercourse | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 5-Mar-15 | |
| SA | T1 | Watercourse | Green Sandpiper | <i>Tringa ochropus</i> | 1 | 5-Mar-15 | |
| SA | T1 | Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 5-Mar-15 | |
| SA | T2 | Agricultural Land | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 12-Feb-15 | |
| SA | T2 | Agricultural Land | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Feb-15 | |
| SA | T2 | Agricultural Land | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 2 | 12-Feb-15 | |
| SA | T2 | Agricultural Land | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 5-Mar-15 | |
| SA | T2 | Agricultural Land | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 27-Apr-15 | |
| SA | T2 | Agricultural Land | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-----------------------|----------------------------------|-----------|-----------|---------|
| SA | T2 | Agricultural Land | White-rumped Munia | <i>Lonchura striata</i> | 1 | 27-Apr-15 | |
| SA | T2 | Agricultural Land | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/ Residential Area | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 1 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Dusky Warbler | <i>Phylloscopus fuscatus</i> | 1 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Dusky Warbler | <i>Phylloscopus fuscatus</i> | 1 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 12-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 5-Mar-15 | |
| SA | T2 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 5-Mar-15 | |
| SA | T2 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Jun-15 | |
| SA | T2 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 12-Jun-15 | |
| SA | T2 | Urban/ Residential Area | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 12-Jun-15 | call |
| SA | T2 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 6 | 12-Jun-15 | |
| SA | T2 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 3 | 12-Jun-15 | |
| SA | T2 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 2 | 12-Jun-15 | call |
| SA | T2 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 3 | 12-Jun-15 | |
| SA | T2 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 12-Jun-15 | |
| SA | T2 | Urban/ Residential Area | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 12-Jun-15 | call |
| SA | T2 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/ Residential Area | Cinereous Tit | <i>Parus cinereus</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 8-May-15 | |
| SA | T2 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 8-May-15 | |
| SA | T2 | Urban/ Residential Area | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 8-May-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | T2 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 27-Jul-15 | |
| SA | T2 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 27-Jul-15 | |
| SA | T2 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 27-Jul-15 | |
| SA | T2 | Urban/ Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 2 | 27-Jul-15 | |
| SA | T2 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 27-Jul-15 | |
| SA | T2 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 27-Jul-15 | |
| SA | T3 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 10-Feb-15 | |
| SA | T3 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 10-Feb-15 | |
| SA | T3 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 3 | 5-Mar-15 | |
| SA | T4 | Pond | Green Sandpiper | <i>Tringa ochropus</i> | 1 | 5-Mar-15 | |
| SA | T4 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Feb-15 | |
| SA | T4 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 12-Feb-15 | |
| SA | T4 | Secondary Woodland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 12-Feb-15 | |
| SA | T4 | Secondary Woodland | Stejneger's Stonechat | <i>Saxicola stejnegeri</i> | 1 | 12-Feb-15 | |
| SA | T4 | Secondary Woodland | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 2 | 12-Feb-15 | |
| SA | T4 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 12-Feb-15 | |
| SA | T4 | Secondary Woodland | Dusky Warbler | <i>Phylloscopus fuscatus</i> | 1 | 12-Feb-15 | |
| SA | T4 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 5-Mar-15 | |
| SA | T4 | Secondary Woodland | Greater Coucal | <i>Centropus sinensis</i> | 2 | 5-Mar-15 | |
| SA | T4 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 5 | 5-Mar-15 | |
| SA | T4 | Secondary Woodland | Greater Coucal | <i>Centropus sinensis</i> | 2 | 27-Apr-15 | call |
| SA | T4 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Jun-15 | |
| SA | T4 | Secondary Woodland | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Plain Prinia | <i>Prinia inornata</i> | 1 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Indian Cuckoo | <i>Cuculus micropterus</i> | 1 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 8-May-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-----------------------|--------------------------------|-----------|-----------|-----------|
| SA | T4 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 8-May-15 | |
| SA | T4 | Secondary Woodland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 8-May-15 | |
| SA | T4 | Secondary Woodland | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 8-May-15 | |
| SA | T4 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Jul-15 | call |
| SA | T4 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 27-Jul-15 | call |
| SA | T4 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 27-Jul-15 | |
| SA | T4 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 4 | 5-Mar-15 | |
| SA | T5 | In flight | Crested Serpent Eagle | <i>Spilornis cheela</i> | 1 | 5-Mar-15 | In flight |
| SA | T5 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 12-Feb-15 | |
| SA | T5 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 4 | 12-Feb-15 | |
| SA | T5 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 5-Mar-15 | |
| SA | T5 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 5-Mar-15 | |
| SA | T5 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 5-Mar-15 | |
| SA | T5 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 5-Mar-15 | |
| SA | T5 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 4 | 12-Jun-15 | |
| SA | T5 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Jun-15 | |
| SA | T5 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 2 | 12-Jun-15 | |
| SA | T5 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Apr-15 | |
| SA | T5 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 27-Apr-15 | |
| SA | T5 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 27-Apr-15 | |
| SA | T5 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 27-Apr-15 | |
| SA | T5 | Waste Ground | Oriental Turtle Dove | <i>Streptopelia orientalis</i> | 1 | 27-Apr-15 | |
| SA | T5 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 27-Apr-15 | |
| SA | T5 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 27-Jul-15 | call |
| SA | T5 | Waste Ground | Long-tailed Shrike | <i>Lanius schach</i> | 1 | 27-Jul-15 | |
| SA | T5 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 27-Jul-15 | call |
| SA | T6 | Grassland | Barn Swallow | <i>Hirundo rustica</i> | 1 | 12-Jun-15 | |
| SA | T6 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 3 | 12-Jun-15 | call |
| SA | T6 | Grassland | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 12-Jun-15 | call |
| SA | T6 | Grassland | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 12-Jun-15 | |
| SA | T6 | In flight | Crested Serpent Eagle | <i>Spilornis cheela</i> | 1 | 27-Apr-15 | In flight |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------------|----------------------------------|-----------|-----------|---------|
| SA | T6 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 12-Feb-15 | |
| SA | T6 | Urban/ Residential Area | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 5 | 12-Feb-15 | |
| SA | T6 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 10 | 12-Feb-15 | |
| SA | T6 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 5-Mar-15 | |
| SA | T6 | Urban/ Residential Area | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 5-Mar-15 | |
| SA | T6 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 5-Mar-15 | |
| SA | T6 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 12-Jun-15 | call |
| SA | T6 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 4 | 12-Jun-15 | |
| SA | T6 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 27-Apr-15 | |
| SA | T6 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Apr-15 | |
| SA | T6 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 27-Apr-15 | |
| SA | T6 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 27-Apr-15 | |
| SA | T6 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Apr-15 | |
| SA | T6 | Urban/ Residential Area | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 27-Apr-15 | |
| SA | T6 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 12-Jun-15 | |
| SA | T7 | Grassland | Cinereous Tit | <i>Parus cinereus</i> | 1 | 27-Apr-15 | |
| SA | T7 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 27-Apr-15 | |
| SA | T7 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Apr-15 | |
| SA | T7 | Grassland | Large-billed Crow | <i>Corvus macrorhynchos</i> | 1 | 27-Apr-15 | |
| SA | T7 | Grassland | Barn Swallow | <i>Hirundo rustica</i> | 1 | 27-Apr-15 | |
| SA | T7 | Grassland | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 1 | 12-Feb-15 | |
| SA | T7 | Grassland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Feb-15 | |
| SA | T7 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 12-Feb-15 | |
| SA | T7 | Grassland | House Swift | <i>Apus nipalensis</i> | 20 | 5-Mar-15 | |
| SA | T7 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 5-Mar-15 | |
| SA | T7 | Grassland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 5-Mar-15 | |
| SA | T7 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 5-Mar-15 | |
| SA | T7 | Grassland | Barn Swallow | <i>Hirundo rustica</i> | 2 | 12-Jun-15 | |
| SA | T7 | Grassland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 12-Jun-15 | |
| SA | T7 | Grassland | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 12-Jun-15 | call |
| SA | T7 | Grassland | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 12-Jun-15 | call |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-----------------------|----------------------------------|-----------|-----------|-----------|
| SA | T7 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 12-Jun-15 | call |
| SA | T7 | Grassland | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 12-Jun-15 | call |
| SA | T7 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 8-May-15 | |
| SA | T7 | Grassland | Large-billed Crow | <i>Corvus macrorhynchos</i> | 1 | 8-May-15 | |
| SA | T7 | Grassland | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 8-May-15 | |
| SA | T7 | Grassland | Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | 1 | 8-May-15 | |
| SA | T7 | Grassland | Hair-crested Drongo | <i>Dicrurus hottentottus</i> | 1 | 8-May-15 | |
| SA | T7 | Grassland/ Shrubland | House Swift | <i>Apus nipalensis</i> | 2 | 5-Mar-15 | |
| SA | T7 | Grassland/ Shrubland | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 12-Jun-15 | |
| SA | T7 | Grassland/ Shrubland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Jun-15 | call |
| SA | T7 | Grassland/ Shrubland | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 12-Jun-15 | call |
| SA | T7 | Grassland/ Shrubland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 12-Jun-15 | |
| SA | T7 | Grassland/ Shrubland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Jun-15 | |
| SA | T7 | Grassland/ Shrubland | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 12-Jun-15 | |
| SA | T7 | Grassland/ Shrubland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 2 | 12-Jun-15 | call |
| SA | T7 | In flight | Black Kite | <i>Milvus migrans</i> | 1 | 8-May-15 | In flight |
| SA | T7 | Secondary Woodland | Greater Coucal | <i>Centropus sinensis</i> | 1 | 27-Apr-15 | call |
| SA | T7 | Secondary Woodland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 27-Apr-15 | |
| SA | T7 | Secondary Woodland | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 27-Apr-15 | |
| SA | T7 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Apr-15 | |
| SA | T7 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Apr-15 | |
| SA | T7 | Secondary Woodland | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 27-Apr-15 | |
| SA | T8 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 9-Feb-15 | |
| SA | T8 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 9-Feb-15 | |
| SA | T8 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 9-Feb-15 | |
| SA | T9 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 9-Feb-15 | |
| SA | T9 | Plantation | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 2 | 9-Feb-15 | |
| SA | T9 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 9-Feb-15 | |
| SA | T9 | Plantation | White Wagtail | <i>Motacilla alba</i> | 1 | 9-Feb-15 | |
| SA | T9 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 9-Feb-15 | |
| SA | T9 | Plantation | Daurian Redstart | <i>Phoenicurus aureus</i> | 1 | 9-Feb-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|------------|-----------------------------|----------------------------------|-----------|-----------|---------|
| SA | T9 | Plantation | Pallas's Leaf Warbler | <i>Phylloscopus proregulus</i> | 1 | 9-Feb-15 | |
| SA | T9 | Plantation | Red-flanked Bluetail | <i>Tarsiger cyanurus</i> | 1 | 9-Feb-15 | |
| SA | T9 | Plantation | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 5-Mar-15 | |
| SA | T9 | Plantation | Cinereous Tit | <i>Parus cinereus</i> | 3 | 5-Mar-15 | |
| SA | T9 | Plantation | Savanna Nightjar | <i>Caprimulgus affinis</i> | 1 | 5-Mar-15 | |
| SA | T9 | Plantation | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 27-Apr-15 | call |
| SA | T9 | Plantation | Greater Coucal | <i>Centropus sinensis</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Asian Koel | <i>Eudynamys scolopaceus</i> | 1 | 12-Jun-15 | |
| SA | T9 | Plantation | Black-collared Starling | <i>Gracupica nigricollis</i> | 3 | 12-Jun-15 | |
| SA | T9 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Jun-15 | call |
| SA | T9 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 12-Jun-15 | |
| SA | T9 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 12-Jun-15 | call |
| SA | T9 | Plantation | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 12-Jun-15 | call |
| SA | T9 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 12-Jun-15 | |
| SA | T9 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Jun-15 | |
| SA | T9 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 27-Apr-15 | |
| SA | T9 | Plantation | Indian Cuckoo | <i>Cuculus micropterus</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Barn Swallow | <i>Hirundo rustica</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | House Swift | <i>Apus nipalensis</i> | 1 | 27-Apr-15 | |
| SA | T9 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 8-May-15 | |
| SA | T9 | Plantation | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 1 | 8-May-15 | |
| SA | T9 | Plantation | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 8-May-15 | |
| SA | T9 | Plantation | Asian Koel | <i>Eudynamys scolopaceus</i> | 1 | 8-May-15 | |
| SA | T9 | Plantation | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 8-May-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------------|--------------------------------|-----------|-----------|---------|
| SA | T9 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 27-Jul-15 | call |
| SA | T9 | Plantation | Fork-tailed Sunbird | <i>Aethopyga christinae</i> | 1 | 27-Jul-15 | call |
| SA | T9 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 27-Jul-15 | call |
| SA | T9 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 2 | 27-Jul-15 | call |
| SA | T9 | Plantation | Cinereous Tit | <i>Parus cinereus</i> | 1 | 27-Jul-15 | call |
| SA | T9 | Plantation | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 27-Jul-15 | call |
| SA | T9 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 5-Mar-15 | |
| SA | T9 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 5-Mar-15 | |
| SA | T9 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Jul-15 | |
| SA | T10 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 5 | 5-Mar-15 | |
| SA | T10 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 20 | 5-Mar-15 | |
| SA | T11 | Grassland | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 5 | 9-Feb-15 | |
| SA | T11 | Grassland | Hair-crested Drongo | <i>Dicrurus hottentottus</i> | 6 | 9-Feb-15 | |
| SA | T11 | Grassland | Japanese White-eye | <i>Zosterops japonicus</i> | 4 | 9-Feb-15 | |
| SA | T11 | Grassland | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 9-Feb-15 | |
| SA | T11 | Grassland | White Wagtail | <i>Motacilla alba</i> | 1 | 9-Feb-15 | |
| SA | T11 | Grassland | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 5-Mar-15 | |
| SA | T11 | Grassland | House Swift | <i>Apus nipalensis</i> | 10 | 5-Mar-15 | |
| SA | T11 | Grassland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 3 | 5-Mar-15 | |
| SA | T11 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 5-Mar-15 | |
| SA | T11 | Grassland | Cinereous Tit | <i>Parus cinereus</i> | 2 | 5-Mar-15 | |
| SA | T11 | Grassland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 5-Mar-15 | |
| SA | T11 | Grassland | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 5-Mar-15 | |
| SA | T11 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 5-Mar-15 | |
| SA | T11 | Grassland | Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | 3 | 5-Mar-15 | |
| SA | T11 | Grassland | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 12-Jun-15 | call |
| SA | T11 | Grassland | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 12-Jun-15 | call |
| SA | T11 | Grassland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 4 | 12-Jun-15 | |
| SA | T11 | Grassland | House Swift | <i>Apus nipalensis</i> | 1 | 12-Jun-15 | |
| SA | T11 | Grassland | Greater Coucal | <i>Centropus sinensis</i> | 1 | 12-Jun-15 | call |
| SA | T11 | Grassland | Lesser Coucal | <i>Centropus bengalensis</i> | 2 | 12-Jun-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------|-----------------------------|----------------------------------|-----------|-----------|-----------|
| SA | T11 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Jul-15 | |
| SA | T11 | Grassland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Jul-15 | call |
| SA | T11 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 2 | 27-Jul-15 | call |
| SA | T11 | Grassland | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 27-Jul-15 | |
| SA | T11 | Grassland | Barn Swallow | <i>Hirundo rustica</i> | 1 | 27-Jul-15 | |
| SA | T12 | In flight | Crested Goshawk | <i>Accipiter trivirgatus</i> | 1 | 5-Mar-15 | In flight |
| SA | T12 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 9-Feb-15 | |
| SA | T12 | Secondary Woodland | Cinereous Tit | <i>Parus cinereus</i> | 2 | 9-Feb-15 | |
| SA | T12 | Secondary Woodland | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 2 | 9-Feb-15 | |
| SA | T12 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 4 | 9-Feb-15 | |
| SA | T12 | Secondary Woodland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 9-Feb-15 | |
| SA | T12 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 9-Feb-15 | |
| SA | T12 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Plain Prinia | <i>Prinia inornata</i> | 1 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 4 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 1 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Large-billed Crow | <i>Corvus macrorhynchos</i> | 2 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Cinereous Tit | <i>Parus cinereus</i> | 3 | 5-Mar-15 | |
| SA | T12 | Secondary Woodland | Greater Coucal | <i>Centropus sinensis</i> | 2 | 27-Apr-15 | call |
| SA | T12 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Jun-15 | |
| SA | T12 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 3 | 12-Jun-15 | call |
| SA | T12 | Secondary Woodland | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 12-Jun-15 | call |
| SA | T12 | Secondary Woodland | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 27-Apr-15 | |
| SA | T12 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Apr-15 | |
| SA | T12 | Secondary Woodland | Barn Swallow | <i>Hirundo rustica</i> | 1 | 27-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | T12 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Apr-15 | |
| SA | T12 | Secondary Woodland | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 27-Apr-15 | |
| SA | T12 | Secondary Woodland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 27-Apr-15 | |
| SA | T12 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Apr-15 | |
| SA | T12 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 8-May-15 | |
| SA | T12 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 8-May-15 | |
| SA | T12 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 8-May-15 | |
| SA | T12 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 8-May-15 | |
| SA | T12 | Secondary Woodland | Large Hawk Cuckoo | <i>Hierococcyx sparveroides</i> | 1 | 8-May-15 | |
| SA | T12 | Secondary Woodland | White Wagtail | <i>Motacilla alba</i> | 1 | 8-May-15 | |
| SA | T12 | Secondary Woodland | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 27-Jul-15 | call |
| SA | T12 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 27-Jul-15 | call |
| SA | T12 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 27-Jul-15 | call |
| SA | T12 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 12-Jun-15 | |
| SA | T12 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 12-Jun-15 | |
| SA | T12 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 12-Jun-15 | |
| SA | T12 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 12-Jun-15 | |
| SA | T12 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 12-Jun-15 | |
| SA | T12 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 27-Jul-15 | |
| SA | T12 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 27-Jul-15 | |
| SA | T12 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Jul-15 | |
| SA | T13 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 9-Feb-15 | |
| SA | T13 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 15 | 9-Feb-15 | |
| SA | T13 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 9-Feb-15 | |
| SA | T13 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 9-Feb-15 | |
| SA | T13 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 9-Feb-15 | |
| SA | T13 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 5-Mar-15 | |
| SA | T13 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 5-Mar-15 | |
| SA | T13 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 4 | 12-Jun-15 | |
| SA | T13 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 12-Jun-15 | |
| SA | T13 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 12-Jun-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|-------------------------------|-----------|-----------|---------|
| SA | T13 | Urban/ Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 12-Jun-15 | |
| SA | T13 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 2 | 12-Jun-15 | |
| SA | T13 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 12-Jun-15 | |
| SA | T13 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 12-Jun-15 | |
| SA | T13 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 8-May-15 | |
| SA | T13 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 8-May-15 | |
| SA | T13 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 1 | 8-May-15 | |
| SA | T13 | Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 3 | 12-Jun-15 | call |
| SA | T13 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 12-Jun-15 | |
| SA | T13 | Watercourse | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 12-Jun-15 | call |

Table A4.1. Maximum count of reptile species recorded within the 500m Study Area of Sung Shan New Village.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | |
|---|------------------------------------|---|-------------------------------------|----------------------------------|-------------------------|----------|----------|----------|
| | | | | WC ⁺ | PO | GR | SW | UR |
| Red-eared Slider | <i>Trachemys scripta</i> | Cap. 170 | Introduced and naturalised species | | 2 | | | |
| Changeable Lizard | <i>Calotes versicolor</i> | - | Common and widespread | | | 1 | | 1* |
| Long-tailed Skink | <i>Eutropis longicaudata</i> | - | Fairly common and widespread | | | | | 1 |
| Common Rat Snake | <i>Ptyas mucosus</i> | PRC, CRDB(EN) | Common | | | | 1 | |
| Checkered Keelback | <i>Xenochrophis flavipunctatus</i> | - | Widespread throughout the territory | 1 | | | | |
| Total number of species recorded | | | | 1 | 1 | 1 | 1 | 2 |

Keys:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

* Dead individual.

Notes:

1. Conservation and protection status:
 - a. Fellowes *et al.* (2002): PRC = Potential Regional Concern;
 - b. CRDB (Zhao 1998): EN = Endangered;
 - c. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance;
2. Hong Kong status refers to Karsen *et al.* (1998).
3. Habitat: PO=Pond, WC=Watercourse, GR=Grassland, SW=Secondary Woodland, UR=Urban/Residential Area.

Table A4.2. Raw data of reptile species recorded on transects or at point count locations at the 500m Study Area of Sung Shan New Village.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|------------------------|--------------------|------------------------------------|-----------|-----------|---------|
| WLB | T3 | Watercourse | Checkered Keelback | <i>Xenochrophis flavipunctatus</i> | 1 | 12-Jun-15 | |
| SA | T2 | Urban/Residential Area | Changeable Lizard | <i>Calotes versicolor</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/Residential Area | Long-tailed Skink | <i>Eutropis longicaudata</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/Residential Area | Changeable Lizard | <i>Calotes versicolor</i> | 1 | 27-Apr-15 | |
| SA | T2 | Urban/Residential Area | Long-tailed Skink | <i>Eutropis longicaudata</i> | 1 | 12-Jun-15 | |
| SA | T3 | Urban/Residential Area | Changeable Lizard | <i>Calotes versicolor</i> | 1 | 05-Mar-15 | Dead |
| SA | T4 | Pond | Red-eared Slider | <i>Trachemys scripta</i> | 2 | 27-Apr-15 | |
| SA | T4 | Secondary Woodland | Common Rat Snake | <i>Ptyas mucosus</i> | 1 | 05-Mar-15 | |
| SA | T9 | Grassland | Changeable Lizard | <i>Calotes versicolor</i> | 1 | 27-Apr-15 | |

Table A5.1. Maximum count of amphibian species recorded within the 500m Study Area of Sung Shan New Village.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Boundary Limit ³ | Study Area ³ | | | |
|---|-----------------------------------|---|--|----------------------------------|-------------------------|----------|----------|----------|
| | | | | WC ⁺ | PO | SW | WG | UR |
| Asian Common Toad | <i>Duttaphrynus melanostictus</i> | - | Abundant and widely distributed in Hong Kong | | | | | 1* |
| Butler's Pigmy Frog | <i>Microhyla butleri</i> | - | Recorded from central and northern New Territories | | | | 3 | |
| Ornate Pigmy Frog | <i>Microhyla fissipes</i> | - | Evenly distributed in the New Territories | | | | 1 | |
| Paddy Frog | <i>Fejervarya limnocharis</i> | - | Widely distributed in Hong Kong | 1 | | | 1 | |
| Günther's Frog | <i>Hylarana guentheri</i> | - | Widely distributed throughout Hong Kong | 1 | 2 | | | |
| Brown Tree Frog | <i>Polypedates megacephalus</i> | - | Widely distributed throughout Hong Kong | | | # | | |
| Total number of species recorded | | | | 2 | 1 | 1 | 3 | 1 |

Keys:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

* Dead individual.

Tadpole recorded.

Notes:

1. Conservation and protection status:
2. Hong Kong status refers to AFCD (2015a).
3. Habitat: PO=Pond, WC=Watercourse, SW=Secondary Woodland, WG=Waste Ground, UR=Urban/Residential Area.

Table A5.2. Raw data of amphibian species recorded on transects or at point count locations at the 500m Study Area of Sung Shan New Village.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|------------------------|---------------------|-----------------------------------|-----------|-----------|----------|
| WLB | A2 | Watercourse | Günther's Frog | <i>Hylarana guentheri</i> | 1 | 5-Mar-15 | |
| WLB | A2 | Watercourse | Paddy Frog | <i>Fejervarya limnocharis</i> | 1 | 5-Mar-15 | |
| SA | T4 | Pond | Günther's Frog | <i>Hylarana guentheri</i> | 2 | 8-Mar-15 | Call |
| SA | T4 | Secondary Woodland | Brown Tree Frog | <i>Polypedates megacephalus</i> | 15 | 12-Jun-15 | Tadpoles |
| SA | T5 | Waste Ground | Paddy Frog | <i>Fejervarya limnocharis</i> | 1 | 12-Jun-15 | |
| SA | T5 | Waste Ground | Butler's Pigmy Frog | <i>Microhyla butleri</i> | 3 | 12-Jun-15 | Call |
| SA | T5 | Waste Ground | Ornate Pigmy Frog | <i>Microhyla fissipes</i> | 1 | 12-Jun-15 | Call |
| SA | T10 | Urban/Residential Area | Asian Common Toad | <i>Duttaphrynus melanostictus</i> | 1 | 12-Jun-15 | Dead |
| SA | T12 | Urban/Residential Area | Asian Common Toad | <i>Duttaphrynus melanostictus</i> | 1 | 27-Apr-15 | Dead |

Table A6.1. Mean count of dragonfly species recorded within the 500m Study Area of Sung Shan New Village.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Boundary Limit ³ | Study Area ³ | | | | | | | | |
|---|---------------------------------|---|-------------------------------|----------------------------------|-------------------------|-----------------|----------|----------|----------|----------|----------|----------|----------|
| | | | | WC ⁺ | PO | WC ⁺ | GR | GS | SW | PL | WG | UR | |
| Orange-tailed Midget | <i>Agriocnemis femina</i> | - | Abundant | 1.7 | | | | | | | | | |
| Orange-tailed Sprite | <i>Ceragrion auranticum</i> | - | Abundant | 0.3 | | 0.3 | | | | | | | |
| Common Bluetail | <i>Ischnura senegalensis</i> | - | Abundant | 2.3 | | | | | | | | | |
| Orange-faced Sprite | <i>Pseudagrion rubriceps</i> | - | Common | 1.0 | | | | | | | | | |
| Yellow Featherlegs | <i>Copera marginipes</i> | - | Abundant | | | 0.3 | | | | | | | |
| Asian Amberwing | <i>Brachythemis contaminata</i> | - | Abundant | 1.0 | | | | | | | 0.3 | | |
| Russet Percher | <i>Neurothemis fulvia</i> | - | Common | | | 0.3 | | | 1.0 | 0.3 | | | |
| Red-faced Skimmer | <i>Orthetrum chrysis</i> | - | Abundant | | | | | | | 0.3 | 0.3 | | |
| Common Blue Skimmer | <i>Orthetrum glaucum</i> | - | Abundant | | | 0.7 | | | 0.3 | | | | |
| Marsh Skimmer | <i>Orthetrum luzonicum</i> | - | Abundant | | | 0.3 | | | | | | | |
| Common Red Skimmer | <i>Orthetrum pruinosum</i> | - | Abundant | 2.3 | | 2.0 | 0.3 | | 0.7 | | | 0.7 | |
| Green Skimmer | <i>Orthetrum sabina</i> | - | Abundant | | | 2.3 | | | | | 0.7 | 0.7 | |
| Wandering Glider | <i>Pantala flavescens</i> | - | Abundant | 1.7 | 0.3 | 2.0 | 1.0 | 0.3 | | | | | |
| Pied Skimmer | <i>Pseudothemis zonata</i> | - | Common | | 2.3 | | | | 1.3 | | | | |
| Saddlebag Glider | <i>Tramea virginia</i> | - | Abundant | | | | 0.7 | 0.3 | | | | 0.3 | |
| Crimson Dropwing | <i>Trithemis aurora</i> | - | Abundant | | | 0.3 | | | | | | 0.3 | |
| Indigo Dropwing | <i>Trithemis festiva</i> | - | Abundant | | | | | | | 0.3 | | | |
| Total number of species recorded | | | | | 7 | 2 | 9 | 3 | 2 | 4 | 3 | 3 | 4 |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:
2. Hong Kong status refers to AFCD (2015a).
3. Habitat: PO=Pond, WC=Watercourse, GR=Grassland, GS=Grassland/Shrubland, SW=Secondary Woodland, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table A6.2. Raw data of dragonfly species recorded on transects or at point count locations at the 500m Study Area of Sung Shan New Village.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|----------------------|---------------------------------|-----------|-----------|
| WLB | P1 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 2 | 12-Jun-15 |
| WLB | P1 | Watercourse | Wandering Glider | <i>Pantala flavescens</i> | 3 | 12-Jun-15 |
| WLB | P2 | Watercourse | Common Bluetail | <i>Ischnura senegalensis</i> | 1 | 5-Mar-15 |
| WLB | P2 | Watercourse | Orange-tailed Sprite | <i>Ceriatagrion auranticum</i> | 1 | 5-Mar-15 |
| WLB | P2 | Watercourse | Orange-faced Sprite | <i>Pseudagrion rubriceps</i> | 3 | 5-Mar-15 |
| WLB | T3 | Watercourse | Asian Amberwing | <i>Brachythemis contaminata</i> | 3 | 27-Apr-15 |
| WLB | T3 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 5 | 27-Apr-15 |
| WLB | T3 | Watercourse | Wandering Glider | <i>Pantala flavescens</i> | 2 | 27-Apr-15 |
| WLB | T3 | Watercourse | Common Bluetail | <i>Ischnura senegalensis</i> | 6 | 27-Apr-15 |
| WLB | T3 | Watercourse | Orange-tailed Midget | <i>Agriocnemis femina</i> | 5 | 27-Apr-15 |
| SA | A3 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 9-Feb-15 |
| SA | A3 | Watercourse | Orange-tailed Sprite | <i>Ceriatagrion auranticum</i> | 1 | 9-Feb-15 |
| SA | P5 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 2 | 8-May-15 |
| SA | P5 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 8-May-15 |
| SA | P5 | Watercourse | Wandering Glider | <i>Pantala flavescens</i> | 2 | 12-Jun-15 |
| SA | P5 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 3 | 12-Jun-15 |
| SA | P5 | Watercourse | Marsh Skimmer | <i>Orthetrum luzonicum</i> | 1 | 12-Jun-15 |
| SA | P5 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 2 | 12-Jun-15 |
| SA | P5 | Watercourse | Common Blue Skimmer | <i>Orthetrum glaucum</i> | 2 | 12-Jun-15 |
| SA | T2 | Urban/Residential Area | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 27-Apr-15 |
| SA | T2 | Urban/Residential Area | Saddlebag Glider | <i>Tramea virginia</i> | 1 | 8-May-15 |
| SA | T2 | Urban/Residential Area | Green Skimmer | <i>Orthetrum sabina</i> | 2 | 12-Jun-15 |
| SA | T2 | Urban/Residential Area | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 12-Jun-15 |
| SA | T4 | Pond | Wandering Glider | <i>Pantala flavescens</i> | 1 | 12-Feb-15 |
| SA | T4 | Pond | Pied Skimmer | <i>Pseudothemis zonata</i> | 5 | 27-Apr-15 |
| SA | T4 | Pond | Pied Skimmer | <i>Pseudothemis zonata</i> | 2 | 8-May-15 |
| SA | T4 | Grassland/Shrubland | Saddlebag Glider | <i>Tramea virginia</i> | 1 | 27-Apr-15 |
| SA | T4 | Secondary Woodland | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 2 | 8-May-15 |
| SA | T4 | Secondary Woodland | Common Blue Skimmer | <i>Orthetrum glaucum</i> | 1 | 8-May-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|--------------------|---------------------------------|-----------|-----------|
| SA | T4 | Secondary Woodland | Pied Skimmer | <i>Pseudothemis zonata</i> | 4 | 8-May-15 |
| SA | T4 | Secondary Woodland | Russet Percher | <i>Neurothemis fulvia</i> | 3 | 12-Jun-15 |
| SA | T5 | Waste Ground | Green Skimmer | <i>Orthetrum sabina</i> | 2 | 12-Jun-15 |
| SA | T5 | Waste Ground | Asian Amberwing | <i>Brachythemis contaminata</i> | 1 | 12-Jun-15 |
| SA | T5 | Waste Ground | Red-faced Skimmer | <i>Orthetrum chrysis</i> | 1 | 12-Jun-15 |
| SA | T7 | Grassland/Shrubland | Wandering Glider | <i>Pantala flavescens</i> | 1 | 8-May-15 |
| SA | T7 | Grassland | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Indigo Dropwing | <i>Trithemis festiva</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Russet Percher | <i>Neurothemis fulvia</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Red-faced Skimmer | <i>Orthetrum chrysis</i> | 1 | 12-Jun-15 |
| SA | T10 | Urban/Residential Area | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 12-Jun-15 |
| SA | T11 | Grassland | Saddlebag Glider | <i>Tramea virginia</i> | 2 | 8-May-15 |
| SA | T11 | Grassland | Wandering Glider | <i>Pantala flavescens</i> | 3 | 12-Jun-15 |
| SA | T12 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 3 | 27-Apr-15 |
| SA | T12 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 2 | 27-Apr-15 |
| SA | T12 | Watercourse | Wandering Glider | <i>Pantala flavescens</i> | 4 | 27-Apr-15 |
| SA | T12 | Watercourse | Russet Percher | <i>Neurothemis fulvia</i> | 1 | 27-Apr-15 |
| SA | T12 | Watercourse | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 27-Apr-15 |

Table A7.1. Mean count of butterfly species recorded within the 500m Study Area of Sung Shan New Village.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | | | |
|-------------------------|------------------------------|---|-------------------------------|----------------------------------|-------------------------|-----------------|-----|-----|-----|-----|-----|-----|
| | | | | WC ⁺ | AG | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Contiguous Swift | <i>Polytremis lubricans</i> | - | Common | | | | 0.3 | | | 0.3 | | |
| Chinese Dart | <i>Potanthus confucius</i> | - | Uncommon | | | | | | | | | 0.3 |
| Grass Demon | <i>Udaspes folus</i> | - | Rare | | | | | | 0.3 | | | |
| Common Hedge Blue | <i>Acytolepis puspa</i> | - | Common | | | | | | 0.7 | | | |
| Tailed Cupid | <i>Everes lacturnus</i> | - | Common | | | | 0.3 | | | | | |
| Long-tailed Blue | <i>Lampides boeticus</i> | - | Common | | | | | | 0.3 | 0.3 | | 1.0 |
| Transparent 6-line Blue | <i>Nacaduba kurava</i> | - | Common | | | | | | 0.3 | | | |
| Pale Grass Blue | <i>Pseudozizeeria maha</i> | - | Very Common | | | | | | | | 0.3 | 4.7 |
| Dark Grass Blue | <i>Zizeeria karsandra</i> | - | Uncommon | | | | | | | | 0.3 | |
| Plum Judy | <i>Abisara echerius</i> | - | Very Common | | | | 1.0 | | 0.7 | | | |
| Tawny Rajah | <i>Charaxes bernardus</i> | - | Common | | | | | | | 0.3 | | |
| Plain Tiger | <i>Danaus chrysippus</i> | - | Uncommon | | | | | | | | 0.3 | |
| Angled Castor | <i>Ariadne ariadne</i> | - | Common | | | | 0.7 | 0.7 | | 1.3 | 1.0 | 1.3 |
| Rustic | <i>Cupha erymanthis</i> | - | Very Common | | | | | | | 0.3 | | 0.3 |
| White-edged Blue Baron | <i>Euthalia phemius</i> | - | Common | | | | | | 0.3 | | | 0.3 |
| Red-ring Skirt | <i>Hestina assimilis</i> | - | Common | | | | | | 0.3 | 0.3 | | |
| Great Egg-fly | <i>Hypolimnas bolina</i> | - | Common | | | 0.3 | | | 0.3 | | | 0.3 |
| Blue Pansy | <i>Junonia orithya</i> | - | Uncommon | | | | 0.3 | | | | | |
| Common Sailer | <i>Neptis hylas</i> | - | Very Common | | | | 0.3 | 1.0 | 2.0 | 1.0 | | |
| Common Jester | <i>Symbrenthia lilaea</i> | - | Common | | | | | | 0.3 | | | |
| Common Palmfly | <i>Elymnias hypermnestra</i> | - | Common | | | | | 0.3 | | | | |
| Banded Tree Brown | <i>Lethe confusa</i> | - | Common | | | | | | 0.3 | | | |
| Common Evening Brown | <i>Melanitis leda</i> | - | Common | | | | | | | 0.3 | | |
| Dark Evening Brown | <i>Melanitis phedima</i> | - | Uncommon | | | | | | 1.3 | 0.3 | | |
| Dark-brand Bush Brown | <i>Mycalesis mineus</i> | - | Very Common | | | | | | 1.7 | | | |
| Common Five-ring | <i>Ypthima baldus</i> | - | Common | | | | 0.7 | 1.0 | 1.0 | 1.0 | 1.7 | 2.3 |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | | | |
|---|--------------------------|---|-------------------------------|----------------------------------|-------------------------|-----------------|-----------|----------|-----------|-----------|-----------|-----------|
| | | | | WC ⁺ | AG | WC ⁺ | GR | GS | SW | PL | WG | UR |
| Common Mime | <i>Chilasa clytia</i> | - | Common | | | | 1.0 | | | 0.3 | | 0.7 |
| Common Jay | <i>Graphium doson</i> | - | Common | | | | | 0.3 | 0.3 | 0.3 | | |
| Common Bluebottle | <i>Graphium sarpedon</i> | - | Very Common | | | 0.3 | | | 0.3 | 0.7 | | 0.3 |
| Red Helen | <i>Papilio helenus</i> | - | Very Common | | | | | | 0.3 | 0.3 | 0.7 | 0.3 |
| Great Mormon | <i>Papilio memnon</i> | - | Very Common | | | | | | | 0.7 | | 0.7 |
| Paris Peacock | <i>Papilio paris</i> | - | Very Common | | | 0.3 | | | | 0.7 | 0.3 | |
| Common Mormon | <i>Papilio polytes</i> | - | Very Common | | 0.3 | | 1.0 | 0.3 | 3.7 | 2.0 | 0.3 | 2.7 |
| Spangle | <i>Papilio protenor</i> | - | Very Common | | | | | | 1.7 | 0.7 | | 0.3 |
| Lemon Emigrant | <i>Catopsilia pomona</i> | - | Common | | | | 1.0 | 0.3 | 1.0 | | 1.0 | 1.0 |
| Three-spot Grass Yellow | <i>Eurema blanda</i> | - | Common | | | 0.7 | | | 0.7 | 1.3 | | |
| Common Grass Yellow | <i>Eurema hecabe</i> | - | Very Common | 0.3 | | 0.7 | | 1.0 | 0.7 | | | |
| Red-base Jezebel | <i>Delias pasithoe</i> | - | Very Common | | 0.3 | | 0.3 | | 1.0 | | | |
| Indian Cabbage White | <i>Pieris canidia</i> | - | Very Common | 1.7 | 3.3 | 1.3 | 1.7 | 4.0 | 1.7 | 2.3 | 6.0 | 9.7 |
| Total number of species recorded | | | | 2 | 3 | 6 | 12 | 9 | 24 | 20 | 10 | 16 |

Key:

* Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:
2. Hong Kong status refers Chan *et al.* (2011).
3. Habitat: AG=Agricultural Land, WC=Watercourse, GR=Grassland, GS=Grassland/Shrubland, SW=Secondary Woodland, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table A7.2. Raw data of butterfly species recorded on transects or at point count locations at the 500m Study Area of Sung Shan New Village.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-------------------------|----------------------------|-----------|-----------|
| WLB | T3 | Watercourse | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 10-Feb-15 |
| WLB | T3 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 10-Feb-15 |
| WLB | T3 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 4 | 5-Mar-15 |
| SA | P1 | Watercourse | Great Egg-fly | <i>Hypolimnas bolina</i> | 1 | 12-Jun-15 |
| SA | P1 | Watercourse | Common Bluebottle | <i>Graphium sarpedon</i> | 1 | 12-Jun-15 |
| SA | P1 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 12-Jun-15 |
| SA | P1 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 1 | 9-Feb-15 |
| SA | P1 | Urban/Residential Area | Great Egg-fly | <i>Hypolimnas bolina</i> | 1 | 9-Feb-15 |
| SA | P1 | Urban/Residential Area | Common Mormon | <i>Papilio polytes</i> | 1 | 9-Feb-15 |
| SA | P2 | Plantation | Spangle | <i>Papilio protenor</i> | 1 | 9-Feb-15 |
| SA | P2 | Watercourse | Paris Peacock | <i>Papilio paris</i> | 1 | 12-Jun-15 |
| SA | P4 | Plantation | Common Sailer | <i>Neptis hylas</i> | 1 | 9-Feb-15 |
| SA | P5 | Watercourse | Common Grass Yellow | <i>Eurema hecabe</i> | 2 | 8-May-15 |
| SA | P5 | Watercourse | Three-spot Grass Yellow | <i>Eurema blanda</i> | 2 | 12-Jun-15 |
| SA | P5 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 8-May-15 |
| SA | T2 | Agricultural Land | Common Mormon | <i>Papilio polytes</i> | 1 | 12-Feb-15 |
| SA | T2 | Agricultural Land | Indian Cabbage White | <i>Pieris canidia</i> | 10 | 12-Feb-15 |
| SA | T2 | Agricultural Land | Red-base Jezebel | <i>Delias pasithoe</i> | 1 | 12-Feb-15 |
| SA | T2 | Urban/Residential Area | Angled Castor | <i>Ariadne ariadne</i> | 1 | 8-May-15 |
| SA | T2 | Urban/Residential Area | Angled Castor | <i>Ariadne ariadne</i> | 1 | 12-Jun-15 |
| SA | T2 | Urban/Residential Area | Angled Castor | <i>Ariadne ariadne</i> | 1 | 27-Apr-15 |
| SA | T2 | Urban/Residential Area | Chinese Dart | <i>Potanthus confucius</i> | 1 | 8-May-15 |
| SA | T2 | Urban/Residential Area | Common Bluebottle | <i>Graphium sarpedon</i> | 1 | 27-Apr-15 |
| SA | T2 | Urban/Residential Area | Common Mime | <i>Chilasa clytia</i> | 1 | 8-May-15 |
| SA | T2 | Urban/Residential Area | Common Mime | <i>Chilasa clytia</i> | 1 | 27-Apr-15 |
| SA | T2 | Urban/Residential Area | Common Mormon | <i>Papilio polytes</i> | 1 | 27-Apr-15 |
| SA | T2 | Urban/Residential Area | Common Mormon | <i>Papilio polytes</i> | 2 | 27-Apr-15 |
| SA | T2 | Urban/Residential Area | Great Mormon | <i>Papilio memnon</i> | 1 | 5-Mar-15 |
| SA | T2 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 12-Jun-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-------------------------|----------------------------|-----------|-----------|
| SA | T2 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 8-May-15 |
| SA | T2 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 12-Feb-15 |
| SA | T2 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 7 | 27-Apr-15 |
| SA | T2 | Urban/Residential Area | Lemon Emigrant | <i>Catopsilia pomona</i> | 1 | 12-Jun-15 |
| SA | T2 | Urban/Residential Area | Long-tailed Blue | <i>Lampides boeticus</i> | 2 | 8-May-15 |
| SA | T2 | Urban/Residential Area | Long-tailed Blue | <i>Lampides boeticus</i> | 1 | 12-Jun-15 |
| SA | T2 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 5 | 8-May-15 |
| SA | T2 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 1 | 12-Jun-15 |
| SA | T2 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 3 | 5-Mar-15 |
| SA | T2 | Urban/Residential Area | Red Helen | <i>Papilio helenus</i> | 1 | 8-May-15 |
| SA | T2 | Urban/Residential Area | Spangle | <i>Papilio protenor</i> | 1 | 8-May-15 |
| SA | T2 | Urban/Residential Area | White-edged Blue Baron | <i>Euthalia phemius</i> | 1 | 5-Mar-15 |
| SA | T3 | Plantation | Paris Peacock | <i>Papilio paris</i> | 1 | 5-Mar-15 |
| SA | T3 | Plantation | Great Mormon | <i>Papilio memnon</i> | 1 | 5-Mar-15 |
| SA | T3 | Plantation | Common Mormon | <i>Papilio polytes</i> | 2 | 5-Mar-15 |
| SA | T3 | Plantation | Three-spot Grass Yellow | <i>Eurema blanda</i> | 3 | 5-Mar-15 |
| SA | T3 | Plantation | Common Five-ring | <i>Ypthima baldus</i> | 1 | 5-Mar-15 |
| SA | T3 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 2 | 10-Feb-15 |
| SA | T4 | Secondary Woodland | Banded Tree Brown | <i>Lethe confusa</i> | 1 | 5-Mar-15 |
| SA | T4 | Secondary Woodland | Common Five-ring | <i>Ypthima baldus</i> | 2 | 8-May-15 |
| SA | T4 | Secondary Woodland | Common Five-ring | <i>Ypthima baldus</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 27-Apr-15 |
| SA | T4 | Secondary Woodland | Common Hedge Blue | <i>Acytolepis puspa</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Common Hedge Blue | <i>Acytolepis puspa</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Common Jay | <i>Graphium doson</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Common Jester | <i>Symbrenthia lilaea</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 1 | 9-Feb-15 |
| SA | T4 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 1 | 27-Apr-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-------------------------|--------------------------|-----------|-----------|
| SA | T4 | Secondary Woodland | Common Sailer | <i>Neptis hylas</i> | 3 | 8-May-15 |
| SA | T4 | Secondary Woodland | Common Sailer | <i>Neptis hylas</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Common Sailer | <i>Neptis hylas</i> | 2 | 5-Mar-15 |
| SA | T4 | Secondary Woodland | Dark Evening Brown | <i>Melanitis phedima</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Dark Evening Brown | <i>Melanitis phedima</i> | 2 | 5-Mar-15 |
| SA | T4 | Secondary Woodland | Dark Evening Brown | <i>Melanitis phedima</i> | 1 | 27-Apr-15 |
| SA | T4 | Secondary Woodland | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 1 | 27-Apr-15 |
| SA | T4 | Secondary Woodland | Grass Demon | <i>Udaspes folus</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Great Egg-fly | <i>Hypolimnas bolina</i> | 1 | 5-Mar-15 |
| SA | T4 | Secondary Woodland | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Lemon Emigrant | <i>Catopsilia pomona</i> | 3 | 8-May-15 |
| SA | T4 | Secondary Woodland | Long-tailed Blue | <i>Lampides boeticus</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Plum Judy | <i>Abisara echerius</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Plum Judy | <i>Abisara echerius</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Red Helen | <i>Papilio helenus</i> | 1 | 12-Jun-15 |
| SA | T4 | Secondary Woodland | Red-base Jezebel | <i>Delias pasithoe</i> | 3 | 5-Mar-15 |
| SA | T4 | Secondary Woodland | Red-ring Skirt | <i>Hestina assimilis</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | Spangle | <i>Papilio protenor</i> | 3 | 5-Mar-15 |
| SA | T4 | Secondary Woodland | Transparent 6-line Blue | <i>Nacaduba kurava</i> | 1 | 8-May-15 |
| SA | T4 | Secondary Woodland | White-edged Blue Baron | <i>Euthalia phemius</i> | 1 | 8-May-15 |
| SA | T5 | Urban/Residential Area | Angled Castor | <i>Ariadne ariadne</i> | 1 | 12-Jun-15 |
| SA | T5 | Waste Ground | Plain Tiger | <i>Danaus chrysippus</i> | 1 | 12-Jun-15 |
| SA | T5 | Waste Ground | Lemon Emigrant | <i>Catopsilia pomona</i> | 1 | 5-Mar-15 |
| SA | T5 | Waste Ground | Angled Castor | <i>Ariadne ariadne</i> | 3 | 5-Mar-15 |
| SA | T5 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 15 | 5-Mar-15 |
| SA | T5 | Waste Ground | Red Helen | <i>Papilio helenus</i> | 2 | 5-Mar-15 |
| SA | T5 | Waste Ground | Paris Peacock | <i>Papilio paris</i> | 1 | 5-Mar-15 |
| SA | T5 | Waste Ground | Common Mormon | <i>Papilio polytes</i> | 1 | 5-Mar-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|----------------------|------------------------------|-----------|-----------|
| SA | T5 | Waste Ground | Common Five-ring | <i>Ypthima baldus</i> | 5 | 5-Mar-15 |
| SA | T5 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 5-Mar-15 |
| SA | T5 | Waste Ground | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 1 | 27-Apr-15 |
| SA | T5 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 27-Apr-15 |
| SA | T5 | Waste Ground | Dark Grass Blue | <i>Zizeeria karsandra</i> | 1 | 27-Apr-15 |
| SA | T6 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 12-Jun-15 |
| SA | T6 | Waste Ground | Lemon Emigrant | <i>Catopsilia pomona</i> | 2 | 12-Jun-15 |
| SA | T6 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 5-Mar-15 |
| SA | T6 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 6 | 5-Mar-15 |
| SA | T6 | Urban/Residential Area | Common Five-ring | <i>Ypthima baldus</i> | 7 | 5-Mar-15 |
| SA | T6 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 4 | 27-Apr-15 |
| SA | T6 | Urban/Residential Area | Common Mormon | <i>Papilio polytes</i> | 2 | 27-Apr-15 |
| SA | T6 | Urban/Residential Area | Lemon Emigrant | <i>Catopsilia pomona</i> | 2 | 27-Apr-15 |
| SA | T6 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 4 | 27-Apr-15 |
| SA | T7 | Grassland | Contiguous Swift | <i>Polytremis lubricans</i> | 1 | 12-Jun-15 |
| SA | T7 | Grassland | Indian Cabbage White | <i>Pieris canidia</i> | 5 | 27-Apr-15 |
| SA | T7 | Grassland | Common Mormon | <i>Papilio polytes</i> | 2 | 27-Apr-15 |
| SA | T7 | Grassland/Shrubland | Common Grass Yellow | <i>Eurema hecabe</i> | 3 | 8-May-15 |
| SA | T7 | Grassland/Shrubland | Lemon Emigrant | <i>Catopsilia pomona</i> | 1 | 12-Jun-15 |
| SA | T7 | Grassland/Shrubland | Common Sailer | <i>Neptis hylas</i> | 2 | 8-May-15 |
| SA | T7 | Grassland/Shrubland | Common Mormon | <i>Papilio polytes</i> | 1 | 12-Jun-15 |
| SA | T7 | Grassland/Shrubland | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 12-Jun-15 |
| SA | T7 | Grassland/Shrubland | Common Five-ring | <i>Ypthima baldus</i> | 3 | 5-Mar-15 |
| SA | T7 | Grassland/Shrubland | Common Palmfly | <i>Elymnias hypermnestra</i> | 1 | 5-Mar-15 |
| SA | T7 | Grassland/Shrubland | Indian Cabbage White | <i>Pieris canidia</i> | 11 | 5-Mar-15 |
| SA | T7 | Grassland/Shrubland | Angled Castor | <i>Ariadne ariadne</i> | 2 | 5-Mar-15 |
| SA | T7 | Grassland/Shrubland | Common Jay | <i>Graphium doson</i> | 1 | 27-Apr-15 |
| SA | T9 | Grassland/Shrubland | Common Sailer | <i>Neptis hylas</i> | 1 | 9-Feb-15 |
| SA | T9 | Plantation | Tawny Rajah | <i>Charaxes bernardus</i> | 1 | 8-May-15 |
| SA | T9 | Plantation | Long-tailed Blue | <i>Lampides boeticus</i> | 1 | 8-May-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-------------------------|-----------------------------|-----------|-----------|
| SA | T9 | Plantation | Red Helen | <i>Papilio helenus</i> | 1 | 8-May-15 |
| SA | T9 | Plantation | Angled Castor | <i>Ariadne ariadne</i> | 1 | 8-May-15 |
| SA | T9 | Plantation | Paris Peacock | <i>Papilio paris</i> | 1 | 8-May-15 |
| SA | T9 | Plantation | Common Sailer | <i>Neptis hylas</i> | 1 | 8-May-15 |
| SA | T9 | Plantation | Rustic | <i>Cupha erymanthis</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Common Bluebottle | <i>Graphium sarpedon</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Common Jay | <i>Graphium doson</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Common Evening Brown | <i>Melanitis leda</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Contiguous Swift | <i>Polytremis lubricans</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Common Mormon | <i>Papilio polytes</i> | 3 | 8-May-15 |
| SA | T9 | Plantation | Common Five-ring | <i>Ypthima baldus</i> | 2 | 8-May-15 |
| SA | T9 | Plantation | Red-ring Skirt | <i>Hestina assimilis</i> | 1 | 8-May-15 |
| SA | T9 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 8-May-15 |
| SA | T9 | Plantation | Three-spot Grass Yellow | <i>Eurema blanda</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Common Sailer | <i>Neptis hylas</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Angled Castor | <i>Ariadne ariadne</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 12-Jun-15 |
| SA | T9 | Plantation | Angled Castor | <i>Ariadne ariadne</i> | 1 | 5-Mar-15 |
| SA | T9 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 5-Mar-15 |
| SA | T9 | Plantation | Common Mormon | <i>Papilio polytes</i> | 1 | 27-Apr-15 |
| SA | T9 | Plantation | Common Bluebottle | <i>Graphium sarpedon</i> | 1 | 27-Apr-15 |
| SA | T9 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 2 | 27-Apr-15 |
| SA | T9 | Plantation | Great Mormon | <i>Papilio memnon</i> | 1 | 27-Apr-15 |
| SA | T9 | Plantation | Angled Castor | <i>Ariadne ariadne</i> | 1 | 27-Apr-15 |
| SA | T9 | Plantation | Dark Evening Brown | <i>Melanitis phedima</i> | 1 | 27-Apr-15 |
| SA | T9 | Plantation | Common Mime | <i>Chilasa clytia</i> | 1 | 27-Apr-15 |
| SA | T9 | Plantation | Spangle | <i>Papilio protenor</i> | 1 | 27-Apr-15 |
| SA | T10 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 12-Jun-15 |
| SA | T11 | Grassland | Lemon Emigrant | <i>Catopsilia pomona</i> | 3 | 8-May-15 |
| SA | T11 | Grassland | Tailed Cupid | <i>Everes lacturnus</i> | 1 | 12-Jun-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-------------------------|--------------------------|-----------|-----------|
| SA | T11 | Grassland | Blue Pansy | <i>Junonia orithya</i> | 1 | 29-Jul-15 |
| SA | T11 | Grassland | Common Mime | <i>Chilasa clytia</i> | 1 | 8-May-15 |
| SA | T11 | Grassland | Angled Castor | <i>Ariadne ariadne</i> | 1 | 12-Jun-15 |
| SA | T11 | Grassland | Common Mime | <i>Chilasa clytia</i> | 1 | 12-Jun-15 |
| SA | T11 | Grassland | Common Sailer | <i>Neptis hylas</i> | 1 | 9-Feb-15 |
| SA | T11 | Grassland | Common Five-ring | <i>Ypthima baldus</i> | 2 | 5-Mar-15 |
| SA | T11 | Grassland | Common Mormon | <i>Papilio polytes</i> | 1 | 5-Mar-15 |
| SA | T11 | Grassland | Plum Judy | <i>Abisara echerius</i> | 3 | 5-Mar-15 |
| SA | T11 | Grassland | Red-base Jezebel | <i>Delias pasithoe</i> | 1 | 27-Apr-15 |
| SA | T11 | Grassland | Common Mime | <i>Chilasa clytia</i> | 1 | 27-Apr-15 |
| SA | T11 | Grassland | Angled Castor | <i>Ariadne ariadne</i> | 1 | 27-Apr-15 |
| SA | T11 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 2 | 12-Jun-15 |
| SA | T12 | Secondary Woodland | Three-spot Grass Yellow | <i>Eurema blanda</i> | 1 | 8-May-15 |
| SA | T12 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 1 | 8-May-15 |
| SA | T12 | Secondary Woodland | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 8-May-15 |
| SA | T12 | Secondary Woodland | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 2 | 12-Jun-15 |
| SA | T12 | Secondary Woodland | Spangle | <i>Papilio protenor</i> | 1 | 12-Jun-15 |
| SA | T12 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 2 | 12-Jun-15 |
| SA | T12 | Secondary Woodland | Common Bluebottle | <i>Graphium sarpedon</i> | 1 | 8-May-15 |
| SA | T12 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 1 | 9-Feb-15 |
| SA | T12 | Secondary Woodland | Three-spot Grass Yellow | <i>Eurema blanda</i> | 1 | 27-Apr-15 |
| SA | T12 | Secondary Woodland | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 27-Apr-15 |
| SA | T12 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 2 | 27-Apr-15 |
| SA | T12 | Secondary Woodland | Spangle | <i>Papilio protenor</i> | 1 | 27-Apr-15 |
| SA | T12 | Urban/Residential Area | Rustic | <i>Cupha erymanthis</i> | 1 | 27-Apr-15 |
| SA | T12 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 27-Apr-15 |
| SA | T12 | Urban/Residential Area | Common Mormon | <i>Papilio polytes</i> | 2 | 27-Apr-15 |
| SA | T13 | Urban/Residential Area | Great Mormon | <i>Papilio memnon</i> | 1 | 8-May-15 |

Table A8.1. Relative abundance of freshwater fish species recorded within the 500m Study Area of Sung Shan New Village.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Sampling Point | | |
|---|--------------------------------|---|-------------------------------|---------------------|----------|------------|
| | | | | Work Limit Boundary | | Study Area |
| | | | | A1 | A2 | A3 |
| Whitespotted Walking Catfish | <i>Clarias fuscus</i> | - | Common | | * | * |
| Mosquito Fish | <i>Gambusia affinis</i> | - | Common | ** | ** | ** |
| Guppy | <i>Poecilia reticulata</i> | - | Common | ** | *** | |
| Swordtail | <i>Xiphophorus hellerii</i> | - | Common | * | * | |
| Mozambique Tilapia | <i>Oreochromis mossambicus</i> | - | Common | * | | |
| Nile Tilapia | <i>Oreochromis niloticus</i> | - | Common | * | * | |
| Dwarf Snakehead | <i>Channa gachua</i> | - | - | *^ | | |
| Total number of species recorded | | | | 5 | 5 | 2 |

Key for relative abundance: * = A few, ** = Quite abundant, *** = Abundant.

^ Juveniles also recorded.

Notes:

1. Conservation and protection status refers to IUCN (2015), Fellowes *et al.* (2002) and China Red Data Book (Yue and Chen 1998).
2. Hong Kong status refers to AFCD (2015a).

Table A8.2. Raw data of freshwater fish species recorded on transects or at point count locations at the 500m Study Area of Sung Shan New Village.

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No. | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|--------------------|------------------------------|--------------------------------|-----------|-----------|----------|
| WLB | A1 | Dwarf Snakehead | <i>Channa gachua</i> | 2 | 12-Jun-15 | |
| WLB | A1 | Dwarf Snakehead | <i>Channa gachua</i> | 100 | 12-Jun-15 | juvenile |
| WLB | A1 | Guppy | <i>Poecilia reticulata</i> | 5 | 9-Feb-15 | |
| WLB | A1 | Guppy | <i>Poecilia reticulata</i> | 5 | 5-Mar-15 | |
| WLB | A1 | Guppy | <i>Poecilia reticulata</i> | 50 | 27-Apr-15 | |
| WLB | A1 | Guppy | <i>Poecilia reticulata</i> | 50 | 12-Jun-15 | |
| WLB | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 9-Feb-15 | |
| WLB | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 10 | 5-Mar-15 | |
| WLB | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 50 | 27-Apr-15 | |
| WLB | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 50 | 12-Jun-15 | |
| WLB | A1 | Mozambique Tilapia | <i>Oreochromis mossambicus</i> | 2 | 12-Jun-15 | |
| WLB | A1 | Nile Tilapia | <i>Oreochromis niloticus</i> | 2 | 9-Feb-15 | |
| WLB | A1 | Nile Tilapia | <i>Oreochromis niloticus</i> | 5 | 5-Mar-15 | |
| WLB | A1 | Nile Tilapia | <i>Oreochromis niloticus</i> | 2 | 12-Jun-15 | |
| WLB | A1 | Swordtail | <i>Xiphophorus hellerii</i> | 1 | 9-Feb-15 | |
| WLB | A1 | Swordtail | <i>Xiphophorus hellerii</i> | 1 | 5-Mar-15 | |
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 200 | 9-Feb-15 | |
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 20 | 5-Mar-15 | |
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 10 | 5-Mar-15 | |
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 50 | 27-Apr-15 | |
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 50 | 12-Jun-15 | |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 50 | 9-Feb-15 | |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 10 | 5-Mar-15 | |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 10 | 5-Mar-15 | |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 50 | 27-Apr-15 | |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 50 | 12-Jun-15 | |
| WLB | A2 | Nile Tilapia | <i>Oreochromis niloticus</i> | 3 | 5-Mar-15 | |
| WLB | A2 | Swordtail | <i>Xiphophorus hellerii</i> | 5 | 9-Feb-15 | |
| WLB | A2 | Whitespotted Walking Catfish | <i>Clarias fuscus</i> | 1 | 27-Apr-15 | |
| SA | A3 | Mosquito Fish | <i>Gambusia affinis</i> | 15 | 27-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No. | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|--------------------|------------------------------|-----------------------|-----------|-----------|---------|
| SA | A3 | Whitespotted Walking Catfish | <i>Clarias fuscus</i> | 3 | 12-Jun-15 | |

Table A9.1. Relative abundance of aquatic invertebrate species recorded within the 500m Study Area of Sung Shan New Village.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Sampling Point | | |
|---|-----------------------------------|---|-------------------------------|---------------------|----------|------------|
| | | | | Work Limit Boundary | | Study Area |
| | | | | A1 | A2 | A3 |
| Orange-tailed Sprite [^] | <i>Ceriagrion auranticum</i> | - | Abundant | * | | * |
| Common Bluetail [^] | <i>Ischnura senegalensis</i> | - | Abundant | * | ** | |
| Yellow Featherlegs [^] | <i>Copera marginipes</i> | - | Abundant | * | * | * |
| Dog-legged Clubtail [^] | <i>Burmagomphus vermicularis</i> | LC | Common | * | | |
| Unidentified Skimmer [^] | <i>Orthetrum sp.</i> | - | - | | * | |
| Wandering Glider [^] | <i>Pantala flavescens</i> | - | Abundant | * | | |
| - | <i>Trithemis sp.</i> [^] | - | - | | * | |
| Blood Worm | <i>Chironomidae sp.</i> | - | - | *** | *** | *** |
| Backswimmer | <i>Enithare sp.</i> | - | - | | * | |
| Freshwater Snail | <i>Radix plicatulus</i> | - | - | ** | ** | * |
| Freshwater Snail | <i>Haitia acuta</i> | - | - | | | ** |
| Freshwater Snail | <i>Biomphalaria straminea</i> | - | - | | ** | |
| Freshwater Snail | <i>Segmentina succinea</i> | - | - | *** | * | * |
| Total number of species recorded | | | | 8 | 9 | 6 |

Key for relative abundance: * = A few, ** = Quite abundant.

[^] Larvae recorded.

Notes:

1. Conservation and protection status:
 - a. Fellowes *et al.* (2002): LC = Local Concern.
2. Hong Kong status refers to AFCD (2015a).

Table A9.2. Raw data of aquatic invertebrate species recorded on transects or at point count locations at the 500m Study Area of Sung Shan New Village.

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No. | Common Name | Scientific Name | Abundance | Date |
|--|--------------------|----------------------|----------------------------------|-----------|-----------|
| WLB | A1 | Blood Worm | Chironomidae sp. | 100 | 9-Feb-15 |
| WLB | A1 | Blood Worm | Chironomidae sp. | 100 | 5-Mar-15 |
| WLB | A1 | Blood Worm | Chironomidae sp. | 100 | 12-Jun-15 |
| WLB | A1 | Common Bluetail | <i>Ischnura senegalensis</i> | 2 | 9-Feb-15 |
| WLB | A1 | Common Bluetail | <i>Ischnura senegalensis</i> | 1 | 5-Mar-15 |
| WLB | A1 | Dog-legged Clubtail | <i>Burmagomphus vermicularis</i> | 1 | 9-Feb-15 |
| WLB | A1 | Freshwater Snail | <i>Segmentina succinea</i> | 200 | 9-Feb-15 |
| WLB | A1 | Freshwater Snail | <i>Radix plicatulus</i> | 20 | 9-Feb-15 |
| WLB | A1 | Freshwater Snail | <i>Segmentina succinea</i> | 100 | 5-Mar-15 |
| WLB | A1 | Freshwater Snail | <i>Radix plicatulus</i> | 10 | 5-Mar-15 |
| WLB | A1 | Freshwater Snail | <i>Segmentina succinea</i> | 20 | 12-Jun-15 |
| WLB | A1 | Freshwater Snail | <i>Radix plicatulus</i> | 20 | 12-Jun-15 |
| WLB | A1 | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 1 | 9-Feb-15 |
| WLB | A1 | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 10 | 5-Mar-15 |
| WLB | A1 | Wandering Glider | <i>Pantala flavescens</i> | 1 | 9-Feb-15 |
| WLB | A1 | Yellow Featherlegs | <i>Copera marginipes</i> | 10 | 9-Feb-15 |
| WLB | A1 | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 5-Mar-15 |
| WLB | A2 | - | <i>Trithemis</i> sp. | 1 | 27-Apr-15 |
| WLB | A2 | Backswimmer | <i>Enithare</i> sp. | 5 | 9-Feb-15 |
| WLB | A2 | Backswimmer | <i>Enithare</i> sp. | 5 | 5-Mar-15 |
| WLB | A2 | Backswimmer | <i>Enithare</i> sp. | 5 | 12-Jun-15 |
| WLB | A2 | Blood Worm | Chironomidae sp. | 20 | 5-Mar-15 |
| WLB | A2 | Blood Worm | Chironomidae sp. | 25 | 27-Apr-15 |
| WLB | A2 | Blood Worm | Chironomidae sp. | 20 | 12-Jun-15 |
| WLB | A2 | Blood Worm | Chironomidae sp. | 200 | 9-Feb-15 |
| WLB | A2 | Common Bluetail | <i>Ischnura senegalensis</i> | 15 | 27-Apr-15 |
| WLB | A2 | Freshwater Snail | <i>Segmentina succinea</i> | 5 | 9-Feb-15 |
| WLB | A2 | Freshwater Snail | <i>Radix plicatulus</i> | 5 | 9-Feb-15 |
| WLB | A2 | Freshwater Snail | <i>Segmentina succinea</i> | 1 | 5-Mar-15 |



| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No. | Common Name | Scientific Name | Abundance | Date |
|--|--------------------|----------------------|-------------------------------|-----------|-----------|
| WLB | A2 | Freshwater Snail | <i>Radix plicatulus</i> | 50 | 5-Mar-15 |
| WLB | A2 | Freshwater Snail | <i>Biomphalaria straminea</i> | 50 | 27-Apr-15 |
| WLB | A2 | Freshwater Snail | <i>Segmentina succinea</i> | 1 | 12-Jun-15 |
| WLB | A2 | Freshwater Snail | <i>Radix plicatulus</i> | 50 | 12-Jun-15 |
| WLB | A2 | Unidentified Skimmer | <i>Orthetrum</i> sp. | 2 | 27-Apr-15 |
| WLB | A2 | Yellow Featherlegs | <i>Copera marginipes</i> | 5 | 9-Feb-15 |
| WLB | A2 | Yellow Featherlegs | <i>Copera marginipes</i> | 5 | 5-Mar-15 |
| SA | A3 | Blood Worm | Chironomidae sp. | 100 | 9-Feb-15 |
| SA | A3 | Blood Worm | Chironomidae sp. | 1 | 5-Mar-15 |
| SA | A3 | Blood Worm | Chironomidae sp. | 1 | 12-Jun-15 |
| SA | A3 | Freshwater Snail | <i>Segmentina succinea</i> | 5 | 9-Feb-15 |
| SA | A3 | Freshwater Snail | <i>Radix plicatulus</i> | 5 | 9-Feb-15 |
| SA | A3 | Freshwater Snail | <i>Haitia acuta</i> | 10 | 9-Feb-15 |
| SA | A3 | Freshwater Snail | <i>Segmentina succinea</i> | 5 | 5-Mar-15 |
| SA | A3 | Freshwater Snail | <i>Radix plicatulus</i> | 5 | 5-Mar-15 |
| SA | A3 | Freshwater Snail | <i>Haitia acuta</i> | 5 | 5-Mar-15 |
| SA | A3 | Freshwater Snail | <i>Segmentina succinea</i> | 5 | 12-Jun-15 |
| SA | A3 | Freshwater Snail | <i>Radix plicatulus</i> | 5 | 12-Jun-15 |
| SA | A3 | Freshwater Snail | <i>Haitia acuta</i> | 5 | 12-Jun-15 |
| SA | A3 | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 5 | 9-Feb-15 |
| SA | A3 | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 5 | 5-Mar-15 |
| SA | A3 | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 5 | 12-Jun-15 |
| SA | A3 | Yellow Featherlegs | <i>Copera marginipes</i> | 2 | 9-Feb-15 |
| SA | A3 | Yellow Featherlegs | <i>Copera marginipes</i> | 5 | 5-Mar-15 |
| SA | A3 | Yellow Featherlegs | <i>Copera marginipes</i> | 5 | 12-Jun-15 |

Table A10.1. Representative habitat photographs within the 500m Study Area of Sung Shan New Village.

| | |
|---|--|
| Plate 1. Agricultural Land | Plate 2. Pond |
|  |  |
| Plate 3. Watercourse | Plate 4. Grassland |
|  |  |
| Plate 5. Grassland/Shrubland | Plate 6. Secondary Woodland |
|  |  |

| | |
|--|--|
| Plate 7. Plantation | Plate 8. Wasteground |
|  |  |
| Plate 9. Urban/Residential Area | |
|  | |

Table A11.1. Photographs of the species of conservation concern recorded within the 500m Study Area of Sung Shan New Village.

| Plate 1. <i>Aquilaria sinensis</i> | Plate 2. <i>Gnetum luofuense</i> |
|---|--|
|  A photograph of a young Aquilaria sinensis plant. The plant is a slender, upright shrub with green, lanceolate leaves. It is growing in a garden area with other green plants and a concrete curb in the foreground. A white door is partially visible in the background. |  A photograph of a Gnetum luofuense plant. The image shows a dense thicket of branches with green, ovate leaves. The plant has a woody, brown trunk and several aerial roots hanging down. The background is filled with more foliage. |

Appendix B. Flora and fauna species recorded, and representative habitat photographs and photographs of the species of conservation concern taken within the 500m Study Area of Tai Wo.

Table B1.1. Relative abundance of floral species recorded within the 500m Study Area of Tai Wo.

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | |
|------------------|---|--------------|---------------------|-------------------------------|----------------------------------|----|----|----|-------------------------|----|----|----|-----------------|-----|----|----|----|----|----|----|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR |
| Bamboo | <i>Bambusa</i> spp. | 竹屬 | - | - | | | | | * | | ** | | | | * | | * | * | * | ** | ** |
| Bamboo | <i>Arundinaria cantorii</i> | 托竹 | Native | Restricted | | * | | | | | | | | | | | | | | | |
| Climber | <i>Ampelopsis cantoniensis</i> | 廣東蛇葡萄 | Native | Very common | | | | | | | | | * | | | | | | | | |
| Climber | <i>Cajanus scarabaeoides</i> | 蔓草蟲豆 | Native | Common | | * | | | | | | * | * | | | | | | | * | |
| Climber | <i>Cissus repens</i> | 白粉藤 | Native | Restricted | | * | | | | | | | | | | | | | | | * |
| Climber | <i>Cocculus orbiculatus</i> | 木防己 | Native | Common | | * | | | ** | | | | * | | | | ** | * | | ** | ** |
| Climber | <i>Dalbergia hancei</i> | 藤黃檀 | Native | Common | | | | | | | | | | | | | * | | | | |
| Climber | <i>Dioscorea alata</i> | 大薯 | Exotic | Cultivated | | | | | | | | * | | | | | | | | | |
| Climber | <i>Epipremnum aureum</i> | 綠蘿 | Exotic | Planted | | | | | | | | | | | | | | | | | * |
| Climber | <i>Gnetum parvifolium</i> | 小葉買麻藤 | Native | Common | | | | | | | | | | | | | ** | | | | |
| Climber | <i>Gynostemma pentaphyllum</i> | 絞股藍 | Native | Restricted | | | | | | | | | | | | | | | | | * |
| Climber | <i>Momordica charantia</i> var. <i>abbreviata</i> | 短角苦瓜 | Exotic | - | | | | | | | | * | | | | | | | | | |
| Climber | <i>Passiflora foetida</i> | 龍珠果 | Exotic | Very common | | | | | | | | | | | | | * | | | | |
| Climber | <i>Pueraria lobata</i> | 野葛 | Native | Very common | | ** | ** | ** | ** | | ** | ** | ** | ** | ** | ** | * | | ** | ** | ** |
| Climber | <i>Pueraria lobata</i> var. <i>montana</i> | 葛麻姆 | Native | Common | * | | | | | | | | * | | | | | | | | |
| Climber | <i>Smilax china</i> | 金剛藤 | Native | Very common | | | | | | | | | | | | | * | | | | |
| Climber | <i>Smilax glabra</i> | 土茯苓 | Native | Very common | | | | | | | | | | | | | * | | | | |
| Climber | <i>Stephania longa</i> | 冀箕篤 | Native | Common | | * | ** | * | | | | ** | | | ** | | | | ** | ** | |
| Climber | <i>Tetracera asiatica</i> | 錫葉藤 | Native | Very common | | | | | | | | | | | | | * | | | | |
| Climber | <i>Vitis balanseana</i> | 小果葡萄 | Native | Common | | | | | * | | | | | | * | | | | | | |
| Climber/ Herb | <i>Lygodium flexuosum</i> | 曲軸海金沙 | Native | Very common | | | | | | | | | | | | | * | * | | | |
| Climber/ Herb | <i>Lygodium japonicum</i> | 海金沙 | Native | Very common | * | | | | | | | ** | * | | ** | | | | | ** | * |
| Climber/ Herb | <i>Mikania micrantha</i> | 薇甘菊 | Exotic | Very common | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | * | | ** | ** | ** |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | |
|-------------------|----------------------------------|--------------|---------------------|-------------------------------|----------------------------------|----|----|----|-------------------------|----|----|----|-----------------|-----|----|----|-----|----|----|----|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR |
| Climber/ Herb | <i>Polygonum perfoliatum</i> | 杠板歸 | Native | Common | | ** | | | ** | | | | ** | * | * | | | | | | * |
| Climber/ Shrub | <i>Abrus mollis</i> | 毛相思子 | Native | Common | | | | | | | | * | | | | | | | | | |
| Climber/ Shrub | <i>Asparagus cochinchinensis</i> | 天門冬 | Native | Common | | | | | | | | | | | | | | | | * | |
| Climber/ Shrub | <i>Bougainvillea spectabilis</i> | 簕杜鵑 | Exotic | Cultivated | | | | * | | | | | * | | | | | | | | ** |
| Climber/ Shrub | <i>Desmos chinensis</i> | 假鷹爪 | Native | Common | | | | | | | | | | | | | *** | | | * | |
| Climber/ Shrub | <i>Eleutherococcus trifolius</i> | 白筴 | Native | Restricted | | | | | | | | | | | | | | | | * | |
| Climber/ Shrub | <i>Embelia laeta</i> | 酸藤子 | Native | Very common | | | | | | | | | | | | | ** | | | | |
| Climber/ Shrub | <i>Mussaenda pubescens</i> | 玉葉金花 | Native | Very common | | | | | | | | | | | | | | | | * | |
| Climber/ Shrub | <i>Pisum sativum</i> | 荷蘭豆 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | |
| Climber/ Shrub | <i>Rubus parvifolius</i> | 茅莓 | Native | Common | | | | | | | | * | * | | | | | | | | |
| Climber/ Shrub | <i>Rubus reflexus</i> | 蛇泡筴 | Native | Very common | | | | | | | | | | | | | * | | | * | |
| Climber/ Shrub | <i>Schefflera arboricola</i> | 鵝掌藤 | Exotic | Often planted | | | | | | | | | | | | | * | | | | ** |
| Climber/ Shrub | <i>Strophanthus divaricatus</i> | 羊角拗 | Native | Common | | | | | | | | | | | | | ** | | | | |
| Climber/ Shrub | <i>Uvaria macrophylla</i> | 紫玉盤 | Native | Common | | | | | | | | | | | | | ** | | | | |
| Climber/ Shrub | <i>Zanthoxylum nitidum</i> | 兩面針 | Native | Very common | | * | | | * | | | | | | | * | ** | | | ** | * |
| Herb | <i>Acorus gramineus</i> | 石菖蒲 | Native | Very common | | | | | | | | | * | | | | | | | | |
| Herb | <i>Aeschynomene americana</i> | 美洲合萌 | Exotic | - | | | | | | | | * | | | | | | | | | |
| Herb | <i>Ageratum conyzoides</i> | 藿香薊 | Exotic | Common | | ** | | ** | | | ** | ** | ** | ** | ** | ** | ** | * | | | ** |
| Herb | <i>Ageratum houstonianum</i> | 熊耳草 | Exotic | Common | | ** | | | ** | | | * | | | | | | | | | |
| Herb | <i>Allium fistulosum</i> | 蔥 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | * |
| Herb | <i>Alocasia macrorrhizos</i> | 海芋 | Native | Very common | ** | ** | ** | * | * | ** | ** | ** | ** | ** | ** | ** | ** | * | ** | ** | ** |
| Herb | <i>Aloe vera</i> | 蘆薈 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | |
| Herb | <i>Alternanthera</i> | 空心萹 | Exotic | Common | | | | | | | | | ** | ** | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | | | |
|-------------|--|--------------|---------------------|-------------------------------|----------------------------------|------|-----|-----|-------------------------|----|-----|-----|-----------------|-----|-----|----|----|----|----|-----|-----|--|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR | | |
| | <i>philoxeroides</i> | | | | | | | | | | | | | | | | | | | | | | |
| Herb | <i>Alternanthera sessilis</i> | 蝦鉗菜 | Native | Common | | | | ** | *** | | | ** | *** | ** | * | | | | | | | | |
| Herb | <i>Alysicarpus vaginalis</i> | 鏈莢豆 | Native | Very common | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Amaranthus viridis</i> | 野莧 | Native | Very common | | | | ** | ** | | | | | * | | | | | | | | | * |
| Herb | <i>Anisomeles indica</i> | 廣防風 | Native | Common | | | | * | | | | | | | * | | | | | | | | |
| Herb | <i>Apium graveolens</i> | 芹菜 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | | * |
| Herb | <i>Apluda mutica</i> | 水蔗草 | Native | Very common | | | | ** | | | * | ** | | ** | * | | * | | | | | | |
| Herb | <i>Asystasia micrantha</i> | 小花十萬錯 | Exotic | Cultivated or naturalized | | | | | | | | | | | | | | | | | * | | |
| Herb | <i>Bacopa monnieri</i> | 假馬齒莧 | Native | Common | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Begonia cucullata</i> var. <i>hookeri</i> | 四季秋海棠 | Exotic | Cultivated | | | | | | | | | * | | | | | | | | | | * |
| Herb | <i>Beta vulgaris</i> var. <i>rapacea</i> | 紅菜頭 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | |
| Herb | <i>Bidens alba</i> | 白花鬼針草 | Exotic | Very common | | **** | *** | *** | *** | ** | *** | *** | *** | ** | *** | ** | ** | * | ** | *** | *** | | |
| Herb | <i>Bidens pilosa</i> | 鬼針草 | Exotic | Very common | | | | | | | | | | | | | | | | | | | * |
| Herb | <i>Blechnum orientale</i> | 烏毛蕨 | Native | Very common | | | | | | | | | | | | | * | | | | | | |
| Herb | <i>Bothriochloa bladhii</i> | 臭根子草 | Native | Very common | | | | * | ** | | | | ** | | | | | | | | | | ** |
| Herb | <i>Bothriochloa ischaemum</i> | 白羊草 | Native | Common | | | | * | | | | * | * | | | | | | | | | | * |
| Herb | <i>Brachiaria mutica</i> | 巴拉草 | Exotic | Very common | | *** | ** | ** | | | | *** | *** | *** | | | | | | | | | * |
| Herb | <i>Brachiaria subquadripara</i> | 四生臂形草 | Native | Restricted | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Brassica chinensis</i> | 白菜 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | |
| Herb | <i>Brassica juncea</i> | 芥菜 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | |
| Herb | <i>Brassica oleracea</i> var. <i>albiflora</i> | 芥蘭 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | |
| Herb | <i>Brassica oleracea</i> var. <i>capitata</i> | 椰菜 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | |
| Herb | <i>Brassica oleracea</i> var. <i>italica</i> | 西蘭花 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | |
| Herb | <i>Brassica parachinensis</i> | 菜心 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | | | * |
| Herb | <i>Callipteris esculenta</i> | 菜蕨 | Native | Common | | | | | ** | | | | ** | | | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | |
|-------------|------------------------------------|--------------|---------------------|-------------------------------|----------------------------------|----|----|----|-------------------------|----|-----|-----|-----------------|-----|----|-----|----|----|----|----|-----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR |
| Herb | <i>Capsella bursa-pastoris</i> | 薺菜 | Native | Common | | | | | | | | | * | | | | | | | | * |
| Herb | <i>Cardamine flexuosa</i> | 碎米薺 | Native | Common | * | | | | | | | | * | | | | | | | | |
| Herb | <i>Celosia argentea</i> | 青葙 | Native | Very common | | | | | | | | | | | | | | | * | | |
| Herb | <i>Centella asiatica</i> | 崩大碗 | Native | Very common | | | | | | | | * | | * | | | | | | | |
| Herb | <i>Chenopodium album</i> | 藜 | Native | Restricted | | | | | ** | | | | * | * | | | | | | | * |
| Herb | <i>Chenopodium ficifolium</i> | 小藜 | Native | Restricted | * | * | | * | ** | | *** | | * | * | * | | | | | | * |
| Herb | <i>Chloris barbata</i> | 孟仁草 | Native | Very common | | | | | | | | | | | | *** | | | | | *** |
| Herb | <i>Chrysanthemum segetum</i> | 茼蒿 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | |
| Herb | <i>Citrullus lanatus</i> | 西瓜 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | |
| Herb | <i>Coix lacryma-jobi</i> | 薏苡 | Native | Common | | | | | | * | | | * | | | | | | | | * |
| Herb | <i>Colocasia esculenta</i> | 芋 | Native | Cultivated | ** | | | * | *** | * | | * | ** | ** | | | | | | | * |
| Herb | <i>Commelina communis</i> | 鴨跖草 | Native | Common | * | | | | | | | | * | | | | | | | | |
| Herb | <i>Commelina diffusa</i> | 節節草 | Native | Common | | | | ** | *** | | | *** | *** | *** | * | | | | * | | * |
| Herb | <i>Conyza canadensis</i> | 小白酒草 | Exotic | Very common | | | | * | | | | * | | | | | | | | | |
| Herb | <i>Conyza sumatrensis</i> | 蘇門白酒草 | Exotic | Common | | ** | | * | *** | | | | * | ** | ** | | | | * | | *** |
| Herb | <i>Coriandrum sativum</i> | 芫荽 | Exotic | Cultivated | | * | | * | | | * | | | * | * | | | | | | * |
| Herb | <i>Crassocephalum crepidioides</i> | 野茼蒿 | Exotic | Common | | | | | * | | | | * | | | | | | | | * |
| Herb | <i>Cucurbita ficifolia</i> | 魚翅瓜 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | |
| Herb | <i>Cuscuta chinensis</i> | 菟絲子 | Native | Common | | | | ** | | | | | * | * | * | | | | | | |
| Herb | <i>Cyclosorus interruptus</i> | 間斷毛蕨 | Native | Common | | ** | | | ** | | *** | ** | ** | *** | * | | | | | * | * |
| Herb | <i>Cyclosorus parasiticus</i> | 華南毛蕨 | Native | Very common | * | * | | * | ** | | | | * | | ** | | | | * | | ** |
| Herb | <i>Cynodon dactylon</i> | 狗牙根 | Native | Very common | | | | ** | | | | ** | | ** | | | | | | | ** |
| Herb | <i>Cyperus involucratus</i> | 風車草 | Exotic | Cultivated or naturalized | *** | | | | | | | | *** | | | | | | | | |
| Herb | <i>Cyperus malaccensis</i> | 荳芎 | Native | Common | | | | | | | | ** | | | | | | | | | |
| Herb | <i>Cyperus rotundus</i> | 香附子 | Native | Very common | | | | * | | | | * | | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | | | | |
|-------------|--|--------------|---------------------|-------------------------------|----------------------------------|----|----|----|-------------------------|----|----|----|-----------------|-----|----|----|----|----|----|----|----|---|----|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR | | | |
| Herb | <i>Dactyloctenium aegyptium</i> | 龍爪茅 | Native | Common | | | | | | | | * | | | | | | | | | | | | |
| Herb | <i>Daucus carota</i> var. <i>sativa</i> | 胡蘿蔔 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | | |
| Herb | <i>Desmodium tortuosum</i> | 南美山螞蝗 | Exotic | Common | | | | | | | | | | | | ** | | | | | | | | |
| Herb | <i>Desmodium triflorum</i> | 三點金 | Native | Very common | | | | | | | | * | | | | | | | | | | | | |
| Herb | <i>Dicranopteris pedata</i> | 芒萁 | Native | Very common | | | | | | | | | | | | | ** | | | | | | | |
| Herb | <i>Digitaria ciliaris</i> | 升馬唐 | Native | Very common | | | | * | | | | ** | | | | ** | | | | | | | ** | |
| Herb | <i>Digitaria sanguinalis</i> | 馬唐 | Native | Restricted | | | | | | | | * | | | | | | | | | | | | |
| Herb | <i>Drymaria cordata</i> | 荷蓮豆 | Native | Common | | ** | | * | ** | | | | ** | ** | * | | | * | | | | | * | |
| Herb | <i>Duchesnea indica</i> | 蛇莓 | Native | Restricted | | | | | | | | | | | | | | | | | * | | | |
| Herb | <i>Echinochloa crusgalli</i> | 稗 | Native | Common | | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Echinochloa crusgalli</i> var. <i>brevisetata</i> | 小果稗 | Native | Restricted | | | | * | | | | | * | * | | | | | | | | | | |
| Herb | <i>Eclipta prostrata</i> | 鱧腸 | Native | Common | | | | * | * | | | | * | ** | | | | | | | | | | * |
| Herb | <i>Elephantopus scaber</i> | 地膽草 | Native | Common | | | | | | | | * | | | | | | | | | | | | |
| Herb | <i>Elephantopus tomentosus</i> | 白花地膽草 | Native | Common | | | | | | | | | | | | | * | | | | | | | |
| Herb | <i>Eleusine indica</i> | 牛筋草 | Native | Very common | | | | | *** | | | | | | | | | | | | | | | ** |
| Herb | <i>Emilia sonchifolia</i> | 一點紅 | Native | Very common | | * | | * | | | | * | * | | * | * | | | | | | | | ** |
| Herb | <i>Eragrostis atrovirens</i> | 鼠婦草 | Native | Common | | | | | | | | * | | | | | | | | | | | | * |
| Herb | <i>Eragrostis ferruginea</i> | 知風草 | Native | Restricted | | | | | | | | | | | | | | | | | | | | * |
| Herb | <i>Eragrostis tenella</i> | 鯽魚草 | Native | Very common | | | | | | | | * | | | | | | | | | | * | | |
| Herb | <i>Eryngium foetidum</i> | 刺芹 | Native | Restricted | | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Euphorbia hirta</i> | 大飛揚草 | Exotic | Very common | | | | * | | | | ** | * | ** | ** | | | | | | | | | |
| Herb | <i>Fimbristylis sieboldii</i> | 銹鱗飄拂草 | Native | Common | | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Foeniculum vulgare</i> | 茴香 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | | |
| Herb | <i>Gladiolus x gandavensis</i> | 劍蘭 | Exotic | Cultivated | | | | | ** | | | | | | | | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | | |
|-------------|--|--------------|---------------------|------------------------------------|----------------------------------|-----|----|----|-------------------------|-----|-----|----|-----------------|-----|-----|----|----|----|----|-----|----|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR | |
| Herb | <i>Hedychium coronarium</i> | 薑花 | Exotic | Common | | ** | | | ** | | *** | | ** | *** | * | | | * | | | | |
| Herb | <i>Hedyotis auricularia</i> | 耳草 | Native | Common | | | | * | | | | * | * | | * | | | * | * | | ** | |
| Herb | <i>Hedyotis diffusa</i> | 白花蛇舌草 | Native | Very common | | * | | * | | | | | * | | * | | | | | | | |
| Herb | <i>Helianthus annuus</i> | 向日葵 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | * |
| Herb | <i>Hylocereus undatus</i> | 量天尺 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | | |
| Herb | <i>Imperata cylindrica</i> var. <i>major</i> | 絲茅 | Native | Very common | | ** | | ** | | | * | ** | *** | * | *** | | ** | | ** | | ** | ** |
| Herb | <i>Ipomoea aquatica</i> | 通菜 | Exotic | Very common | | | | | ** | *** | | ** | | ** | | | | | | | | |
| Herb | <i>Ipomoea batatas</i> | 番薯 | Exotic | Cultivated | | | | | ** | | | * | | | | | | | | | | |
| Herb | <i>Ipomoea cairica</i> | 五爪金龍 | Exotic | Very common | *** | *** | | ** | ** | | | | *** | *** | ** | | | | | *** | | ** |
| Herb | <i>Ipomoea triloba</i> | 三裂葉薯 | Exotic | Common | | ** | | ** | | | | * | ** | | * | | | | | ** | | * |
| Herb | <i>Kalanchoe pinnata</i> | 落地生根 | Exotic | Common, cultivated and naturalized | | | | * | | | | | | | | | | | | | | * |
| Herb | <i>Kyllinga brevifolia</i> | 短葉水蜈蚣 | Native | Common | | | | * | | | | | ** | ** | | | | | | | | |
| Herb | <i>Kyllinga nemoralis</i> | 單穗水蜈蚣 | Native | Very common | | * | | * | ** | | | | * | | | | | | | | | * |
| Herb | <i>Kyllinga polyphylla</i> | 香根水蜈蚣 | Exotic | Common | | | | | | | | ** | | | | | | | | | | |
| Herb | <i>Lactuca sativa</i> | 生菜 | Exotic | Cultivated | | | | * | ** | | | | | | | | | | | | | * |
| Herb | <i>Lactuca sativa</i> 'Lollo rossa' | 紅生菜 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | * |
| Herb | <i>Lactuca sativa</i> var. <i>longifolia</i> | 油麥菜 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | * |
| Herb | <i>Leersia hexandra</i> | 李氏禾 | Native | Common | | | | | | | | ** | | | | | | | | | | |
| Herb | <i>Lemna minor</i> | 浮萍 | Native | Restricted | | | | | | | | | * | | | | | | | | | |
| Herb | <i>Leonurus japonicus</i> | 益母草 | Native | Restricted | | | | | | | | | | | * | | | | | | | * |
| Herb | <i>Lepironia articulata</i> | 蒲草 | Exotic | Cultivated | | | | | | | | ** | | | | | | | | | | |
| Herb | <i>Lindernia antipoda</i> | 泥花草 | Native | Common | | * | | * | * | | | ** | * | * | | | | | | | | |
| Herb | <i>Lindernia crustacea</i> | 母草 | Native | Restricted | | * | | * | | | | | | | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | | | | |
|-------------|---|--------------|---------------------|---|----------------------------------|-----|-----|----|-------------------------|----|-----|-----|-----------------|-----|-----|-----|----|----|----|----|----|----|--|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR | | | |
| Herb | <i>Lindernia rotundifolia</i> | 圓葉母草 | Exotic | Restricted | | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Ludwigia hyssopifolia</i> | 草龍 | Native | Restricted | | | | * | | | | | * | | | | | | | | | | | |
| Herb | <i>Ludwigia octovalvis</i> | 毛草龍 | Native | Common | | | | | | * | ** | | * | * | * | | | | | | | | | |
| Herb | <i>Ludwigia perennis</i> | 細花丁香蓼 | Native | Restricted | | | | | | | | * | | | | | | | | | | | | |
| Herb | <i>Lycopersicon esculentum</i> | 蕃茄 | Exotic | Cultivated | | | | | ** | | | | | | | | | | | | | | | |
| Herb | <i>Macroptilium atropurpureum</i> | 紫花大翼豆 | Exotic | Common | | | | * | | | | ** | | | | | | | | | | | | |
| Herb | <i>Macroptilium lathyroides</i> | 大翼豆 | Exotic | Common | | | | * | | | | | | | | | | | | | | | | |
| Herb | <i>Macrothelypteris torresiana</i> | 普通針毛蕨 | Native | Very common | * | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Melinis repens</i> | 紅毛草 | Exotic | Very common | | | | * | | | | ** | * | ** | ** | | | | | | | | | |
| Herb | <i>Merremia hederacea</i> | 魚黃草 | Native | Restricted | | | | | | | | | | * | | | | | | | | | | * |
| Herb | <i>Microstegium ciliatum</i> | 剛莠竹 | Native | Very common | *** | *** | *** | ** | *** | ** | *** | *** | *** | *** | * | *** | ** | * | | | ** | ** | | |
| Herb | <i>Mimosa pudica</i> | 含羞草 | Exotic | Very common | | | | ** | | | ** | * | | | ** | | | | | | | | | * |
| Herb | <i>Miscanthus floridulus</i> | 五節芒 | Native | Common | | | | | * | | | * | * | * | *** | | * | | | * | | * | | * |
| Herb | <i>Miscanthus sinensis</i> | 芒 | Native | Very common | | | | | ** | | | * | | | ** | ** | | | | | | | | |
| Herb | <i>Musa x paradisiaca</i> | 大蕉 | Exotic | Cultivated | * | * | | ** | *** | | * | | * | * | * | * | * | | | * | * | ** | | ** |
| Herb | <i>Myosoton aquaticum</i> | 鵝腸菜 | Native | Restricted | | * | | * | | | | | * | * | | | | | | | | | | * |
| Herb | <i>Neyraudia reynaudiana</i> | 類蘆 | Native | Very common | | ** | | | ** | | | | ** | * | *** | | ** | | | * | | | | * |
| Herb | <i>Ocimum basilicum</i> | 羅勒, 九層塔 | Exotic | Regarded as Very Rare in Xing <i>et al.</i> (2000) but also cultivated and widely naturalized | | | | | * | | | | | | | | | | | | | | | |
| Herb | <i>Oxalis corniculata</i> | 酢醬草 | Native | Very common | | ** | | ** | ** | | * | ** | ** | * | * | | | | | ** | | ** | | ** |
| Herb | <i>Oxalis debilis</i> subsp. <i>corymbosa</i> | 紅花酢醬草 | Exotic | Common | | * | | * | * | | | | * | | * | | | | | * | ** | * | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | |
|-------------|--|--------------|---------------------|-------------------------------|----------------------------------|------|----|----|-------------------------|----|----|-----|-----------------|-----|----|----|----|----|----|----|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR |
| Herb | <i>Paederia scandens</i> | 雞矢藤 | Native | Very common | | * | | * | ** | | | ** | ** | | | | ** | | | ** | ** |
| Herb | <i>Panicum brevifolium</i> | 短葉黍 | Native | Very common | | | | | | | | | | | | | ** | | | | |
| Herb | <i>Panicum dichotomiflorum</i> | 水生黍 | Native | Common | | | | * | ** | | | * | *** | ** | * | | | | | | |
| Herb | <i>Panicum maximum</i> | 大黍 | Exotic | Very common | **** | **** | | ** | *** | | | ** | **** | ** | ** | | | | ** | | ** |
| Herb | <i>Panicum notatum</i> | 山黍 | Native | Restricted | | | | | | | | * | | | | | | | | | |
| Herb | <i>Panicum repens</i> | 鋪地黍 | Native | Very common | | | | | | | | * | | | | | | | | | * |
| Herb | <i>Paspalum conjugatum</i> | 兩耳草 | Native | Common | | | | ** | | | | ** | | | ** | | | | | | |
| Herb | <i>Paspalum scrobiculatum</i> var. <i>orbiculare</i> | 圓果雀稗 | Native | Very common | | | | | | | | | | | ** | | | | | | |
| Herb | <i>Pennisetum alopecuroides</i> | 狼尾草 | Native | Common | | | | | | | | * | ** | | * | | | | | | |
| Herb | <i>Pennisetum purpureum</i> | 象草 | Exotic | Very common | | | | | ** | * | * | | ** | | * | | | | | | |
| Herb | <i>Phragmites australis</i> | 蘆葦 | Native | Very common | | | | | | | | ** | | * | | | | | | | |
| Herb | <i>Phragmites vallatorius</i> | 卡開蘆 | Native | Very common | | | | | | | | * | * | | | | | | | | |
| Herb | <i>Phyllanthus urinaria</i> | 葉下珠 | Native | Common | | | | * | | | | * | * | | | | * | | | | |
| Herb | <i>Pilea microphylla</i> | 小葉冷水花 | Exotic | Very common | | | | * | | | | | * | | | | | | | | * |
| Herb | <i>Plantago major</i> | 車前草 | Native | Very common | | | | | | | | * | * | | | | | | | | * |
| Herb | <i>Polygonum barbatum</i> | 毛蓼 | Native | Common | | * | | * | * | | | *** | ** | ** | | | | | | | |
| Herb | <i>Polygonum chinense</i> | 火炭母 | Native | Very common | * | * | | * | * | | ** | ** | * | ** | * | * | | ** | * | * | |
| Herb | <i>Polygonum glabrum</i> | 光蓼 | Native | Restricted | | | | * | * | | | | * | | | | | | | | |
| Herb | <i>Polygonum hydropiper</i> | 水蓼 | Native | Common | | | | | * | | | | * | | | | | | | | |
| Herb | <i>Polygonum lapathifolium</i> | 大馬蓼 | Native | Common | | | | | | | | | | ** | | | | | | | |
| Herb | <i>Polygonum plebeium</i> | 腋花蓼 | Native | Restricted | | | | * | | * | | * | | | | | | | | | |
| Herb | <i>Polygonum</i> | 短毛蓼 | Native | Common | | | | | * | | | | | * | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | | | | |
|-------------|---|--------------|---------------------|--|----------------------------------|----|----|----|-------------------------|----|----|----|-----------------|-----|----|----|----|----|----|----|----|--|--|---|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR | | | |
| | <i>pubescens</i> | | | | | | | | | | | | | | | | | | | | | | | |
| Herb | <i>Polygonum tenellum</i> var. <i>karagoeanum</i> | 柔荑蓼 | Native | Restricted | | | | * | | | | | | | | | | | | | | | | |
| Herb | <i>Portulaca oleracea</i> | 馬齒莧 | Native | Very common | | | | | | | | | * | * | | | | | | | | | | * |
| Herb | <i>Pouzolzia zeylanica</i> | 霧水葛 | Native | Common | | | | * | * | | | * | | | | * | | | | | | | | * |
| Herb | <i>Pteris ensiformis</i> | 劍葉鳳尾蕨 | Native | Common | | | | | | | | | | | | * | | | | | | | | |
| Herb | <i>Pteris semipinnata</i> | 半邊旗 | Native | Very common | | * | | | | | | | * | | | | | | * | | | | | |
| Herb | <i>Pteris vittata</i> | 蜈蚣草 | Native | Very common | | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Ranunculus sceleratus</i> | 石龍芮 | Native | Restricted | | | | | | | | | * | * | | | | | | | | | | |
| Herb | <i>Raphanus sativus</i> | 蘿蔔 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | | * |
| Herb | <i>Rorippa indica</i> | 蔊菜 | Native | Common | | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Rosmarinus officinalis</i> | 迷迭香 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | | | |
| Herb | <i>Rotala rotundifolia</i> | 圓葉節節菜 | Native | - | | | | | | | | | * | | | | | | | | | | | |
| Herb | <i>Rumex trisetifer</i> | 長刺酸模 | Native | Common | | | | * | * | | | | * | ** | * | | | | | | | | | |
| Herb | <i>Ruta graveolens</i> | 臭草 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | | | | |
| Herb | <i>Saccharum arundinaceum</i> | 斑茅 | Native | Common | | | | | | | | | * | | | * | | | | | | | | |
| Herb | <i>Saccharum officinarum</i> | 甘蔗 | Exotic | Cultivated | | | | * | ** | | | | | | | | | | | | | | | * |
| Herb | <i>Sansevieria trifasciata</i> | 虎尾蘭 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | | | | |
| Herb | <i>Saururus chinensis</i> | 三白草 | Native | Restricted | | | | | | | | * | | | | | | | | | | | | |
| Herb | <i>Schoenoplectus subulatus</i> | 鑽苞水蔥 | Native | Restricted | | | | | | | | * | | | | | | | | | | | | |
| Herb | <i>Schoenoplectus triangulatus</i> | 水毛花 | Native | Regarded as Very Rare in Xing <i>et al.</i> (2000), recorded in several localities in HK (AFCD 2011) | | | | | | | | * | | | | | | | | | | | | |
| Herb | <i>Sesbania cannabina</i> | 田菁 | Exotic | Common | | | | * | | | | | | | | | | | | * | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | |
|-------------|-----------------------------------|--------------|---------------------|---|----------------------------------|----|----|----|-------------------------|----|----|----|-----------------|-----|----|-----|----|----|-----|-----|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR |
| Herb | <i>Solanum americanum</i> | 少花龍葵 | Exotic | Very common | | | ** | * | ** | | | | ** | ** | ** | ** | | | ** | *** | ** |
| Herb | <i>Solanum nigrum</i> | 龍葵 | Native | Common | | | | | * | | | | * | | | | | | | | * |
| Herb | <i>Sonchus oleraceus</i> | 苦苣菜 | Exotic | Very common | | | | * | | | | | * | | | | | * | | | * |
| Herb | <i>Spermacoce stricta</i> | 豐花草 | Native | Restricted | | | | | | | | * | | | | | | | | | |
| Herb | <i>Spilanthes paniculata</i> | 金鈕扣 | Native | Common | * | * | | | | | * | * | * | * | | | | | | | * |
| Herb | <i>Tithonia diversifolia</i> | 腫柄菊 | Exotic | Common | | | | | | | | | | | | | | | | | * |
| Herb | <i>Torenia fournieri</i> | 藍豬耳 | Exotic | Cultivated or naturalized | | | | | | | | | | | | | | | | | * |
| Herb | <i>Tridax procumbens</i> | 羽芒菊 | Exotic | Very common | | | | * | | | | | | | | | | | | | * |
| Herb | <i>Wedelia trilobata</i> | 三裂葉蟛蜞菊 | Exotic | Common, also widely cultivated | | | | ** | | | | | ** | | ** | | | | *** | | ** |
| Herb | <i>Youngia japonica</i> | 黃鶉菜 | Native | Very common | * | * | | * | ** | | | | * | * | * | *** | | * | * | *** | ** |
| Herb | <i>Zea mays</i> | 玉蜀黍 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | |
| Herb/ Shrub | <i>Duhaidea cappa</i> | 羊耳菊 | Native | Common | | | | | | | | | | | ** | | ** | | | | |
| Herb/ Shrub | <i>Malvastrum coromandelianum</i> | 賽葵 | Native | Common | | | | * | | | | | | | * | | | | * | | * |
| Herb/ Shrub | <i>Scoparia dulcis</i> | 野甘草 | Exotic | Common | | | | * | | | | * | | | | | | | | | |
| Shrub | <i>Aralia finlaysoniana</i> | 虎刺楸木 | Native | Restricted | | | | | | | | | | | * | | | | | | |
| Shrub | <i>Boehmeria nivea</i> | 芋麻 | Exotic | Common | | * | | | * | | ** | | ** | | * | | | | | * | |
| Shrub | <i>Caryota mitis</i> | 短穗魚尾葵 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |
| Shrub | <i>Clerodendrum fortunatum</i> | 鬼燈籠 | Native | Common | | | | | | | | | | | ** | | * | | | | |
| Shrub | <i>Clerodendrum japonicum</i> | 楨桐 | Exotic | Common, cultivated and apparently neutralized | | | | | | | | | | | | | * | | | | * |
| Shrub | <i>Cordyline fruticosa</i> | 朱蕉 | Exotic | Cultivated | | | | * | * | | | | | | | | | | | | * |
| Shrub | <i>Desmodium gangeticum</i> | 大葉山螞蝗 | Native | Common | | | | | | | | * | | | | | | | | | |
| Shrub | <i>Dracaena sanderiana</i> | 富貴竹 | Exotic | Cultivated or naturalized | | | | | | | | | * | * | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | |
|----------------|---|--------------|---------------------|---|----------------------------------|----|----|----|-------------------------|----|----|-----|-----------------|-----|----|-----|----|----|----|-----|-----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR |
| Shrub | <i>Dyopsis lutescens</i> | 散尾葵 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |
| Shrub | <i>Euphorbia milii</i> | 鐵海棠 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | |
| Shrub | <i>Ficus microcarpa</i> cv. <i>Golden Leaves</i> | 黃金榕 | Native | Planted | | | | ** | | | | | | | | | | | | | |
| Shrub | <i>Flueggea virosa</i> | 白飯樹 | Native | Common | | | | ** | * | | | * | * | | | | | | | | * |
| Shrub | <i>Gardenia jasminoides</i> | 梔子 | Native | Common | | | | | | | | *** | | | | | | | | | |
| Shrub | <i>Gardenia jasminoides</i> var. <i>fortuniana</i> | 白蟾 | Exotic | Cultivated | | | | | | | | ** | | | | | | | | | |
| Shrub | <i>Hibiscus mutabilis</i> | 木芙蓉 | Exotic | Extensively cultivated | | | | | | | | | | | | | | | | | * |
| Shrub | <i>Hibiscus rosa-sinensis</i> | 大紅花 | Exotic | Commonly cultivated | | | | | | | | | | | | | | | | | *** |
| Shrub | <i>Hibiscus syriacus</i> | 木槿 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | |
| Shrub | <i>Ilex asprella</i> | 梅葉冬青 | Native | Very common | | | | | | | | ** | | | | | ** | | | | |
| Shrub | <i>Indigofera suffruticosa</i> | 野青樹 | Exotic | Restricted | | | | | | | | * | | | | | | | | | |
| Shrub | <i>Ixora chinensis</i> | 龍船花 | Native | Restricted, also widely cultivated | | | | | | | | * | | | | | | | | | |
| Shrub | <i>Lantana camara</i> | 馬纓丹 | Exotic | Very common | | ** | | ** | * | | ** | ** | * | *** | ** | *** | ** | | ** | *** | ** |
| Shrub | <i>Maesa perularius</i> | 鯽魚膽 | Native | Common | | | | | | | | | | | | | | | * | | |
| Shrub | <i>Manihot esculenta</i> | 木薯 | Exotic | Cultivated | | | | | | | | * | | | | | | | | | |
| Shrub | <i>Mimosa diplotricha</i> | 巴西含羞草 | Exotic | Regarded as Rare in Xing <i>et al.</i> (2000), native to tropical America. Widely naturalized in Asia | | | | | | | | * | | | | | | | | | |
| Shrub | <i>Phyllanthus reticulatus</i> | 小果葉下珠 | Native | Common | | * | | * | | | | | | | | | | | | * | * |
| Shrub | <i>Rhapis excelsa</i> | 棕竹 | Native | Common | | | | | | | | | | | | | * | | | | |
| Shrub | <i>Rhododendron pulchrum</i> | 錦繡杜鵑 | Exotic | Cultivated | | | | | | | | ** | | | | | | | | | |
| Shrub | <i>Rhodomyrtus tomentosa</i> | 桃金娘 | Native | Very common | | | | | | | | ** | | | | | | | | | |
| Shrub | <i>Rosa rugosa</i> | 玫瑰 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | |
| Shrub | <i>Solanum torvum</i> | 水茄 | Exotic | Common | | * | | | ** | | | | * | | | * | | | | | * |
| Shrub/ Tree | <i>Alangium chinense</i> | 八角楓 | Native | Common | | | | | | | | * | | | | ** | | * | | * | * |
| Shrub/ Tree | <i>Baeckea frutescens</i> | 崗松 | Native | Very common | | | | | | | | | | ** | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | |
|----------------|---|--------------|---------------------|--|----------------------------------|----|----|----|-------------------------|----|----|-----|-----------------|-----|----|-----|-----|----|-----|-----|-----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR |
| Shrub/ Tree | <i>Bridelia tomentosa</i> | 土蜜樹 | Native | Very common | | * | | | * | | | *** | * | | * | | ** | | ** | ** | *** |
| Shrub/ Tree | <i>Camellia japonica</i> | 山茶 | Exotic | All <i>Camellia</i> spp. are protected under Cap. 96; this species is widely cultivated for amenity purpose; the recorded specimen was planted | | | | * | | | | | | | | | | | | | |
| Shrub/ Tree | <i>Claoxylon indicum</i> | 白桐樹 | Native | Common | * | | | | | | | | * | | | | ** | | | | * |
| Shrub/ Tree | <i>Cratoxylum cochinchinense</i> | 黃牛木 | Native | Very common | | | | | | | | | | | | | ** | | | | |
| Shrub/ Tree | <i>Ficus hirta</i> | 粗葉榕 | Native | Common | | | | | | | | | | | | | ** | | | | |
| Shrub/ Tree | <i>Ficus hispida</i> | 對葉榕 | Native | Very common | ** | * | | ** | * | * | ** | ** | ** | | ** | ** | | * | ** | ** | ** |
| Shrub/ Tree | <i>Glochidion eriocarpum</i> | 毛果算盤子 | Native | Very common | | | | | | | | * | | | | | ** | | | | |
| Shrub/ Tree | <i>Homalium cochinchinense</i> | 天料木 | Native | Common | | | | | * | | | | | | | | | | | | * |
| Shrub/ Tree | <i>Leucaena leucocephala</i> | 銀合歡 | Exotic | Cultivated or naturalized | | * | ** | ** | ** | | | ** | ** | ** | ** | | | | ** | *** | ** |
| Shrub/ Tree | <i>Ligustrum sinense</i> | 山指甲 | Exotic | Common, also widely cultivated | | * | | | * | | | ** | * | | | | | | *** | * | * |
| Shrub/ Tree | <i>Litsea cubeba</i> | 木薑子 | Native | Common | | | | | | | | | | | ** | | ** | * | | | |
| Shrub/ Tree | <i>Litsea rotundifolia</i> var. <i>oblongifolia</i> | 豺皮樟 | Native | Very common | | | | | | | | | | | | | *** | | | | |
| Shrub/ Tree | <i>Mallotus paniculatus</i> | 白楸 | Native | Very common | | | | | | | * | | * | | ** | *** | *** | | | | ** |
| Shrub/ Tree | <i>Microcos nervosa</i> | 布渣葉 | Native | Common | | | | | | | | | | | | | *** | | | | |
| Shrub/ Tree | <i>Morus alba</i> | 桑 | Native | Common and cultivated | | | | * | * | | | | * | *** | * | * | * | | ** | * | * |
| Shrub/ Tree | <i>Osmanthus fragrans</i> | 桂花, 木犀 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | |
| Shrub/ Tree | <i>Phyllanthus emblica</i> | 油甘子 | Native | Very common | | | | | | | | | | | | | * | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | |
|----------------|-------------------------------|--------------|---------------------|--|----------------------------------|----|----|----|-------------------------|----|----|-----|-----------------|-----|----|-----|-----|----|----|----|----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR |
| Shrub/ Tree | <i>Psychotria asiatica</i> | 山大刀 | Native | Very common | | * | | | | | | | | | | | *** | * | | * | |
| Shrub/ Tree | <i>Punica granatum</i> | 安石榴 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | |
| Shrub/ Tree | <i>Rhaphiolepis indica</i> | 車輪梅 | Native | Very common | | | | | | | | *** | | | * | | * | | | | * |
| Shrub/ Tree | <i>Schefflera heptaphylla</i> | 鴨腳木 | Native | Very common | | | | | | | | ** | | | * | *** | ** | | | | |
| Shrub/ Tree | <i>Solanum erianthum</i> | 假煙葉樹 | Exotic | Common | | | | | | | | * | | | | | | | | | |
| Shrub/ Tree | <i>Syzygium hancei</i> | 紅鱗蒲桃 | Native | Common | | | | | | | | | | | | | * | | | | |
| Shrub/ Tree | <i>Trema tomentosa</i> | 山黃麻 | Native | Common | | * | | | | | | | | | * | ** | ** | | | | * |
| Small Tree | <i>Rhus chinensis</i> | 鹽膚木 | Native | Common | | | | | | * | | | | | * | | ** | | | | |
| Small Tree | <i>Rhus succedanea</i> | 野漆樹 | Native | Common | | | | | | | | | | | * | | * | | | | |
| Tree | <i>Acacia auriculiformis</i> | 耳果相思 | Exotic | Widely cultivated | | | | | * | | | | | * | | | | | | | * |
| Tree | <i>Acacia confusa</i> | 台灣相思 | Exotic | Widely cultivated | | | | | | | | ** | | | | | ** | | | | |
| Tree | <i>Aleurites moluccana</i> | 石栗 | Exotic | Widely cultivated | | | | | | | | | | | | | | | | | ** |
| Tree | <i>Annona squamosa</i> | 番荔枝 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |
| Tree | <i>Aporosa dioica</i> | 銀柴 | Native | Very common | * | * | | | | | | | * | | | | ** | * | | | * |
| Tree | <i>Aquilaria sinensis</i> | 土沉香 | Native | Common, Protected under Cap. 586, listed as "Vulnerable" in China Plant Red Data Book, under State protection (Category II) in China (AFCD 2003; Pang <i>et al.</i> 2011), classified as "Vulnerable" on the IUCN Red List | | | | | | | | | | | | | * | | | | |
| Tree | <i>Araucaria cunninghamii</i> | 南洋杉 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | |
| Tree | <i>Araucaria heterophylla</i> | 異葉南洋杉 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | | | |
|-------------|-----------------------------------|--------------|---------------------|--|----------------------------------|----|----|----|-------------------------|----|----|----|-----------------|-----|----|----|----|-----|----|-----|----|-----|-----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR | | |
| Tree | <i>Archontophoenix alexandrae</i> | 假檳榔 | Exotic | Commonly cultivated | | | | | | | | | | | | | | | | | * | | |
| Tree | <i>Artocarpus heterophyllus</i> | 菠蘿蜜 | Exotic | Commonly planted for fruit | | * | | ** | | | * | | * | | | | | | | | * | *** | |
| Tree | <i>Averrhoa carambola</i> | 楊桃 | Exotic | Planted | | | | | * | | | | | | | | | | | | * | | |
| Tree | <i>Bauhinia</i> spp. | 羊蹄甲屬 | - | - | | | | | | | | | | | | | | | | | * | ** | |
| Tree | <i>Bauhinia variegata</i> | 宮粉羊蹄甲 | Exotic | Cultivated | | | | | | | | ** | | | * | | | | | | | | |
| Tree | <i>Bauhinia x blakeana</i> | 洋紫荊 | Native | Cultivated | | | | | | | | | | | | | | | | | | * | |
| Tree | <i>Bischofia javanica</i> | 秋楓 | Native | Common | | * | | | * | | | | * | | | | | | | | * | | |
| Tree | <i>Bombax ceiba</i> | 木棉 | Exotic | Cultivated | | | | | | | | | | | ** | | | | | | | ** | |
| Tree | <i>Carica papaya</i> | 番木瓜 | Exotic | Cultivated | | * | | * | ** | | | | | | | | | | | | * | ** | |
| Tree | <i>Caryota maxima</i> | 魚尾葵 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * | * | |
| Tree | <i>Celtis sinensis</i> | 朴 | Native | Common and widely planted | * | * | | * | * | | | ** | * | ** | | ** | ** | * | ** | | ** | ** | |
| Tree | <i>Cinnamomum burmannii</i> | 陰香 | Native | Common, also cultivated | | * | | | | | | | | | | | | | | | | * | |
| Tree | <i>Cinnamomum camphora</i> | 樟 | Native | Common, also cultivated | | | | | | | | | | | * | | * | | ** | | | | |
| Tree | <i>Citrus maxima</i> | 柚 | Exotic | Cultivated | * | * | | * | * | | | | * | | | | | | | | | * | |
| Tree | <i>Citrus reticulata</i> | 桔 | Exotic | Cultivated | | | | * | * | | | | | | | | | | | | | | |
| Tree | <i>Clausena lansium</i> | 黃皮 | Exotic | Cultivated | | * | | * | | | | | * | | | | | *** | | * | ** | | |
| Tree | <i>Cleistocalyx nervosum</i> | 水翁 | Native | Common | ** | | | | | | | | ** | | | | | | | | | * | |
| Tree | <i>Cycas revoluta</i> | 蘇鐵 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | * | |
| Tree | <i>Delonix regia</i> | 鳳凰木 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | * | |
| Tree | <i>Dimocarpus longan</i> | 龍眼 | Exotic | Restricted, but widely cultivated and semi-naturalised | * | * | | ** | ** | | * | * | * | | * | * | ** | ** | ** | ** | ** | ** | *** |
| Tree | <i>Dracontomelon duperreanum</i> | 人面子 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | | * | |
| Tree | <i>Eriobotrya japonica</i> | 枇杷 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | * | |
| Tree | <i>Eucalyptus camaldulensis</i> | 赤桉 | Exotic | Cultivated | | | | | | | | | | | | | | | | *** | | * | |
| Tree | <i>Ficus benjamina</i> | 垂葉榕 | Exotic | Cultivated | | | | | * | | | | | | | | | | | * | | * | |
| Tree | <i>Ficus elastica</i> | 印度榕 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | * | |
| Tree | <i>Ficus microcarpa</i> | 細葉榕 | Native | Common and widely cultivated | | | | * | | | | ** | | | | * | | ** | ** | ** | ** | ** | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | | | | | |
|-------------|---|--------------|---------------------|---|----------------------------------|----|----|----|-------------------------|----|----|-----|-----------------|-----|----|----|----|-----|-----|----|-----|---|--|--|-----|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR | | | | |
| Tree | <i>Ficus religiosa</i> | 菩提樹 | Exotic | Restricted but widely planted and locally naturalized | | | | * | | | | | | | | | | | | | | | | | |
| Tree | <i>Ficus subpisocarpa</i> | 筆管榕 | Native | Common | | | | | | | | * | | | | | | | | | | | | | |
| Tree | <i>Ficus tinctoria</i> subsp. <i>gibbosa</i> | 斜葉榕 | Native | Restricted | | | | * | | | | | * | | | | | | | | | | | | * |
| Tree | <i>Ficus virens</i> | 大葉榕 | Native | Common | | | | | | | | | * | | | | | | | | | | | | |
| Tree | <i>Glyptostrobus pensilis</i> | 水松 | Exotic | Cultivated | | | | | | | | * | | | | | | | | | | | | | |
| Tree | <i>Ilex rotunda</i> | 鐵冬青 | Exotic | Common | | | | | | | | *** | | | | | | | | | | | | | |
| Tree | <i>Juniperus chinensis</i> | 圓柏 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | | | | | |
| Tree | <i>Juniperus chinensis</i> 'Kaizuca' | 龍柏 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | | | | * |
| Tree | <i>Liquidambar formosana</i> | 楓香 | Native | Common, also widely planted | | | | | * | | | | | | | * | | * | | | | | | | |
| Tree | <i>Litchi chinensis</i> | 荔枝 | Exotic | Regarded as Restricted in Xing <i>et al.</i> (2000), widely cultivated for fruits, also planted in fung shui wood | | * | | | ** | | * | | * | | | | * | *** | * | * | * | | | | *** |
| Tree | <i>Litsea glutinosa</i> | 潺槁 | Native | Very common | | | | | | | | * | | | | | | *** | | | | | | | |
| Tree | <i>Litsea monopetala</i> | 假柿木薑子 | Native | Restricted | | | | | * | | | * | | | | ** | | | | | | * | | | |
| Tree | <i>Livistona chinensis</i> | 蒲葵 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | | | | * |
| Tree | <i>Lophostemon confertus</i> | 紅膠木 | Exotic | Cultivated | | | | | | | | | | | | | | | | | ** | | | | * |
| Tree | <i>Macaranga tanarius</i> var. <i>tomentosa</i> | 血桐 | Native | Common | | * | | | * | * | ** | *** | ** | | ** | ** | ** | | *** | ** | *** | | | | *** |
| Tree | <i>Machilus pauhoi</i> | 刨花潤楠 | Native | Regarded as Very Rare in Xing <i>et al.</i> (2000), but found in several localities by AFCD (2007) and other observations | | * | | | | | | | | | | | | | | | | | | | |
| Tree | <i>Mangifera indica</i> | 芒果 | Exotic | Cultivated | | * | | | * | | * | | | | | | | | | | | | | | * |
| Tree | <i>Melia azedarach</i> | 苦楝 | Exotic | Cultivated or naturalized | | | | | | | | ** | * | | | | ** | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | Study Area ³ | | | | | | | | | | | | | | | | |
|---|----------------------------------|--------------|---------------------|-------------------------------|----------------------------------|-----------|----------|------------|-------------------------|-----------|-----------|------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|---|----|---|--|
| | | | | | MWC | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | OR | PL | WG | UR | | | | |
| Tree | <i>Michelia x alba</i> | 白蘭 | Exotic | Widely cultivated | | | | * | | | | | | | | | | | | | | | | * | |
| Tree | <i>Murraya paniculata</i> | 九里香 | Exotic | Cultivated or naturalized | | | | | | | | * | | | | | | | | | | | * | * | |
| Tree | <i>Pachira aquatica</i> | 瓜栗 | Exotic | Planted | | | | * | | | | | | | | | | | | | | | | | |
| Tree | <i>Platyclusus orientalis</i> | 側柏 | Exotic | Often planted | | | | * | | | | | | | | | | | | | | | | * | |
| Tree | <i>Plumeria rubra</i> | 雞蛋花 | Exotic | Commonly cultivated | | | | | | | | | | | | | | | | | | | | * | |
| Tree | <i>Pongamia pinnata</i> | 水黃皮 | Native | Common | | | | | | | | | | | | ** | | | | | | | | | |
| Tree | <i>Psidium guajava</i> | 番石榴 | Exotic | Common and often planted | | * | | * | * | | | | | | | * | | | | | | | | * | |
| Tree | <i>Ravenala madagascariensis</i> | 旅人蕉 | Exotic | Cultivated | | | | * | | | | | | | | | | | | | | | | | |
| Tree | <i>Sapium discolor</i> | 山烏柏 | Native | Very common | | | | | | | | | | | | | * | | | | *** | | | | |
| Tree | <i>Sapium sebiferum</i> | 烏柏 | Native | Common | | | | | * | | | | | | | | | | | | ** | * | * | | |
| Tree | <i>Sterculia lanceolata</i> | 假蘋婆 | Native | Very common | | | | | | | | | | | | ** | * | ** | | | ** | * | ** | | |
| Tree | <i>Sterculia nobilis</i> | 蘋婆 | Exotic | Restricted and cultivated | | | | | | | | | | | | | | | | | | | | * | |
| Tree | <i>Syzygium jambos</i> | 蒲桃 | Exotic | Cultivated and naturalized | | | | | | | | * | * | | | | | | | | | | | * | |
| Tree | <i>Syzygium samarangense</i> | 洋蒲桃 | Exotic | Planted | | * | | | | | | | | | | | | | | | | | | | |
| Tree | <i>Zanthoxylum avicennae</i> | 籐欖 | Native | Common | | | | | * | | | | * | | | | * | | | | * | * | | | |
| Total number of species recorded | | | | | 25 | 67 | 9 | 110 | 102 | 12 | 30 | 109 | 121 | 59 | 84 | 25 | 72 | 24 | 49 | 46 | 146 | | | | |

Key for abundance: * = Scarce, ** = Occasional, *** = Frequent, **** = Abundant.

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

- Origin of plant species refers to AFCD (2012).
- Status follows
 - Xing *et al.* (2000).
 - AFCD (2003).
 - AFCD (2007).
 - AFCD (2008).
 - AFCD (2009).
 - AFCD (2011).
 - Pang *et al.* (2011).
- Habitat: AG=Agricultural Land, PO=Pond, MA=Marsh, MW=Mitigation Wetland, MWC = Minor Watercourse, WC=Watercourse, SWG=Seasonally Wet Grassland, GR=Grassland, GS=Grassland/Shrubland, SW=Secondary Woodland, OR = Orchard, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table B2.1. Maximum count of mammal species recorded within the 500m Study Area of Tai Wo.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Study Area | | | |
|---|---------------------------------|---|-------------------------------|------------|-------------------------|------------|--------------------|
| | | | | Grassland | Grassland/ Shrubland | Plantation | Secondary Woodland |
| Pallas's Squirrel | <i>Callosciurus erythraeus</i> | Cap. 170 | Common | | | 1 | |
| Indochinese Forest Rat | <i>Rattus andamanensis</i> | - | Very Common | | 1 | | |
| Small Indian Civet | <i>Viverricula indica</i> | Cap. 170, Cap. 586 | Very Common | | | | scat |
| Leopard Cat | <i>Prionailurus bengalensis</i> | CRDB(VU), Cap. 170, Cap. 586 | Uncommon | | | | scat |
| Eurasian Wild Pig | <i>Sus scrofa</i> | - | Very Common | footprint | | | |
| Total number of species recorded | | | | 1 | 1 | 1 | 2 |

Notes:

1. Conservation and protection status:
 - a. Zhao (1998): VU = Vulnerable;
 - b. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance;
 - c. Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.
2. Hong Kong Status refers to AFCD (2015a).

Table B2.2. Raw data of mammal species recorded on transects or point count location at the 500m Study Area of Tai Wo.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|---------------------|------------------------|---------------------------------|-------------|-----------|
| SA | P4 | Grassland | Eurasian Wild Pig | <i>Sus scrofa</i> | (footprint) | 9-Apr-15 |
| SA | T1 | Plantation | Pallas's Squirrel | <i>Callosciurus erythraeus</i> | 1 | 9-Apr-15 |
| SA | T12 | Secondary Woodland | Small Indian Civet | <i>Viverricula indica</i> | (scat) | 9-Apr-15 |
| SA | T12 | Secondary Woodland | Leopard Cat | <i>Prionailurus bengalensis</i> | (scat) | 9-Apr-15 |
| SA | T12 | Grassland/Shrubland | Indochinese Forest Rat | <i>Rattus andamanensis</i> | 1 | 17-Jun-15 |

Table B3.1. Mean count of bird species recorded within the 500m Study Area of Tai Wo.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | | | |
|-------------------------|---------------------------------|---|-------------------------------|----------------------------------|-----|-----|-------------------------|-----|----|-----|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | PL | WG | UR | |
| Chinese Pond Heron | <i>Ardeola bacchus</i> | PRC (RC) | P | | | | | | | | | 0.3 | | 0.2 | | | | | |
| Grey Heron | <i>Ardea cinerea</i> | PRC | W | | | | | | | | | 0.2 | | | | | | | |
| Crested Goshawk | <i>Accipiter trivirgatus</i> | CRDB(R) | R | | | | | | | | | | | | | 0.2 | | | |
| White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | - | R | | | | | | | | | 0.5 | | | | | | | 0.2 |
| Wood Sandpiper | <i>Tringa glareola</i> | LC | M,W | | | | | | | | | 0.2 | | | | | | | |
| Spotted Dove | <i>Spilopelia chinensis</i> | - | R | | 0.2 | | | | | | | | | 0.2 | 0.5 | 0.3 | 0.3 | | 0.8 |
| Greater Coucal | <i>Centropus sinensis</i> | CRDB(VU) | R | | | | | | | | | | | 0.3 | | 0.3 | | | |
| Lesser Coucal | <i>Centropus bengalensis</i> | CRDB(VU) | R | | | | | | | | | | | 0.7 | 0.2 | 0.2 | | 0.2 | |
| Chestnut-winged Cuckoo | <i>Clamator coromandus</i> | - | Su | | | | | | | | | | | | | 0.2 | | | |
| Asian Koel | <i>Eudynamis scolopaceus</i> | - | Su,R | | 0.2 | | | | | | | | | 0.2 | | 0.2 | 0.2 | | |
| Large Hawk Cuckoo | <i>Hierococyx sparverioides</i> | - | Su | | | | | | | | | | | 0.2 | | 0.5 | | | |
| House Swift | <i>Apus nipalensis</i> | - | R,SpM | | | | | | | | | | | 0.7 | | 0.2 | | | |
| Common Kingfisher | <i>Alcedo atthis</i> | - | AM,P | | | | | | | | | | | 0.2 | | | | | |
| Long-tailed Shrike | <i>Lanius schach</i> | - | R | | | | | | | | | | | 0.3 | 0.2 | | 0.2 | | |
| Black drongo | <i>Dicrurus macrocercus</i> | - | M,Su | | | | | | | | | | | | | 0.3 | | | |
| Eurasian Magpie | <i>Pica pica</i> | - | R | | | | | | | | | | | | | | | | 0.2 |
| Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | - | R | 1.2 | 0.5 | 0.7 | 0.8 | 0.3 | | 0.2 | 0.2 | | 3.0 | 1.8 | 1.7 | 0.7 | 0.8 | 1.5 | |
| Chinese Bulbul | <i>Pycnonotus sinensis</i> | - | R | | | 0.3 | 0.3 | 0.3 | | | | | 0.2 | | 2.0 | 0.3 | | 1.3 | |
| Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | - | R | | | | | | | 0.2 | | | | | | | | | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | | |
|---|----------------------------------|---|-------------------------------|----------------------------------|----------|----------|-------------------------|----------|----------|----------|-----------------|----------|-----------|----------|-----------|-----------|----------|-----------|
| | | | | GR | WG | UR | AG | PO | MA | MW | WC ⁺ | SWG | GR | GS | SW | PL | WG | UR |
| Barn Swallow | <i>Hirundo rustica</i> | - | SpM,Su | | 2.3 | 7.0 | | 0.7 | 0.2 | 0.3 | | | 1.3 | 0.2 | 6.7 | | 0.3 | 2.2 |
| Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | - | W | | | | | | | | | | | | | | 0.2 | |
| Yellow-bellied Prinia | <i>Prinia flaviventris</i> | - | R | | | | | 0.2 | 0.2 | | 0.2 | | 1.2 | 0.5 | 0.2 | | 0.5 | |
| Common Tailorbird | <i>Orthotomus sutorius</i> | - | R | | | | | | | 0.2 | 0.2 | | 0.5 | | 1.2 | 0.2 | | 0.7 |
| Rufous-capped Babbler | <i>Stachyridopsis ruficeps</i> | LC | R | | | | | | | | | | | | 0.3 | | | |
| Masked Laughingthrush | <i>Garrulax perspicillatus</i> | - | R | | | | | | | 0.5 | | | 1.2 | | 0.7 | 1.3 | | |
| Black-throated Laughingthrush | <i>Garrulax chinensis</i> | - | R | | | 0.2 | | | | | | | 0.2 | 0.2 | 0.5 | | | |
| Japanese White-eye | <i>Zosterops japonicus</i> | - | R,?W | | 0.5 | 0.8 | | | | 0.2 | | | 0.7 | | 1.3 | 0.2 | 0.8 | 0.7 |
| Crested Myna | <i>Acridotheres cristatellus</i> | - | R | | | | | | | | | | | | | | | 0.5 |
| Black-collared Starling | <i>Gracupica nigricollis</i> | - | R | | | | 0.5 | | | | | | 0.2 | | 0.5 | | | 1.3 |
| White-shouldered Starling | <i>Sturnia sinensis</i> | (LC) | M,W,Su | | | 0.2 | | | | | | | | | | | | |
| Oriental Magpie Robin | <i>Copsychus saularis</i> | - | R | | 0.2 | 0.5 | | | 0.2 | 0.7 | | | 0.5 | | 0.2 | | 0.2 | 2.3 |
| Blue Whistling Thrush | <i>Myophonus caeruleus</i> | - | R | | | | | | | | 0.2 | | 0.2 | | 0.2 | | | |
| Daurian Redstart | <i>Phoenicurus aureus</i> | - | W | | | | | | | | | | | | 0.2 | 0.2 | | |
| Eurasian Tree Sparrow | <i>Passer montanus</i> | - | R | | 0.3 | 0.5 | 2.0 | | | | | 0.2 | 0.2 | 0.5 | 0.2 | 2.8 | | 3.2 |
| Scaly-breasted Munia | <i>Lonchura punctulata</i> | - | R | | | | 1.3 | | | | | | 1.0 | | | | | |
| Eastern Yellow Wagtail | <i>Motacilla tschutschensis</i> | - | M,W | | | | 0.2 | | | | | | 0.2 | | | | | |
| White Wagtail | <i>Motacilla alba</i> | - | W,R | | | | | | | 0.2 | 0.2 | 0.3 | | | | | | 0.3 |
| Total number of species recorded | | | | 1 | 7 | 8 | 6 | 4 | 3 | 8 | 9 | 2 | 23 | 8 | 23 | 10 | 7 | 13 |

Key:

+ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:
 - a. Fellowes *et al.* (2002): LC=Local Concern, PRC=Potential Regional Concern, RC=Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
 - b. Zheng and Wang (1998): R = Rare, VU=Vulnerable.
2. Principal status refers to Carey *et al.* (2001): R=resident, W=winter visitor, Su=summer visitor, M=migrant, Sp=spring, A=Autumn, P=present all year, exact composition unknown; “?” = possible status.
3. Habitat: AG=Agricultural Land, PO=Pond, MA=Marsh, MW=Mitigation Wetland, WC=Watercourse, SWG=Seasonally Wet Grassland, GR=Grassland, GS=Grassland/Shrubland, SW=Secondary Woodland, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table B3.2. Raw data of bird species recorded on transects or at point count locations at the 500m Study Area of Tai Wo.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|------------------------|-------------------------------|--------------------------------|-----------|-----------|---------|
| WLB | T8 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 9-Apr-15 | |
| WLB | T8 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 9-Apr-15 | |
| WLB | T8 | Waste Ground | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 9-Apr-15 | |
| WLB | T10 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 2 | 10-Mar-15 | |
| WLB | T10 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 7 | 9-Apr-15 | |
| WLB | T10 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 14 | 8-Jun-15 | |
| WLB | T10 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 8-Jun-15 | |
| WLB | T10 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 8-Jun-15 | |
| WLB | T11 | Urban/Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 10-Mar-15 | |
| WLB | T11 | Urban/Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 10 | 9-Apr-15 | |
| WLB | T11 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 9-Apr-15 | |
| WLB | T11 | Urban/Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 4 | 9-Apr-15 | |
| WLB | T11 | Urban/Residential Area | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 8-Jun-15 | Call |
| WLB | T11 | Urban/Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 32 | 8-Jun-15 | |
| WLB | T11 | Urban/Residential Area | White-shouldered Starling | <i>Sturnia sinensis</i> | 1 | 8-Jun-15 | |
| WLB | T12 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Feb-15 | |
| WLB | T12 | Urban/Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 12-Feb-15 | |
| WLB | T12 | Urban/Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 12-Feb-15 | |
| SA | P1 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 12-Feb-15 | |
| SA | P1 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 12-Feb-15 | |
| SA | P1 | Plantation | Long-tailed Shrike | <i>Lanius schach</i> | 1 | 12-Feb-15 | |
| SA | P2 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 24-Feb-15 | |
| SA | P2 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 24-Feb-15 | |
| SA | P2 | Waste Ground | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 24-Feb-15 | |
| SA | P2 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 24-Feb-15 | |
| SA | P3 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 24-Feb-15 | |
| SA | P3 | Grassland | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 24-Feb-15 | |
| SA | P3 | Grassland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 24-Feb-15 | |
| SA | P4 | Grassland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Feb-15 | |
| SA | P4 | Grassland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Feb-15 | |
| SA | P4 | Grassland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 12-Feb-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | P4 | Grassland | Japanese White-eye | <i>Zosterops japonicus</i> | 4 | 12-Feb-15 | |
| SA | P4 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 12-Feb-15 | |
| SA | P4 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 12-Feb-15 | |
| SA | P4 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 18-May-15 | |
| SA | P4 | Grassland | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 18-May-15 | |
| SA | P4 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 18-May-15 | |
| SA | T1 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 10-Mar-15 | |
| SA | T1 | Urban/Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 10-Mar-15 | |
| SA | T1 | Urban/Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 6 | 10-Mar-15 | |
| SA | T1 | Urban/Residential Area | Eurasian Magpie | <i>Pica pica</i> | 1 | 10-Mar-15 | |
| SA | T1 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 8 | 10-Mar-15 | |
| SA | T1 | Plantation | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 10-Mar-15 | |
| SA | T1 | Plantation | Eurasian Tree Sparrow | <i>Passer montanus</i> | 17 | 10-Mar-15 | |
| SA | T1 | Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 9-Apr-15 | |
| SA | T1 | Urban/Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 5 | 9-Apr-15 | |
| SA | T1 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 3 | 9-Apr-15 | |
| SA | T1 | Urban/Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 9-Apr-15 | |
| SA | T1 | Plantation | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 9-Apr-15 | |
| SA | T2 | Urban/Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 5 | 10-Mar-15 | |
| SA | T2 | Urban/Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 3 | 10-Mar-15 | |
| SA | T2 | Urban/Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 10-Mar-15 | |
| SA | T2 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 9-Apr-15 | |
| SA | T2 | Urban/Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 9-Apr-15 | |
| SA | T3 | Seasonally Wet Grassland | White Wagtail | <i>Motacilla alba</i> | 2 | 10-Mar-15 | |
| SA | T3 | Urban/Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 5 | 9-Apr-15 | |
| SA | T3 | Urban/Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 9-Apr-15 | |
| SA | T3 | Urban/Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 9-Apr-15 | |
| SA | T3 | Urban/Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 6 | 9-Apr-15 | |
| SA | T3 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 9-Apr-15 | |
| SA | T4 | Plantation | Daurian Redstart | <i>Phoenicurus aureus</i> | 1 | 12-Feb-15 | |
| SA | T4 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 12-Feb-15 | |
| SA | T4 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 12-Feb-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|------------------------|-------------------------------|--------------------------------|-----------|-----------|---------|
| SA | T4 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 12-Feb-15 | |
| SA | T4 | Watercourse | Grey Heron | <i>Ardea cinerea</i> | 1 | 12-Feb-15 | |
| SA | T4 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 10-Mar-15 | |
| SA | T5 | Mitigation Wetland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Feb-15 | |
| SA | T5 | Mitigation Wetland | White Wagtail | <i>Motacilla alba</i> | 1 | 12-Feb-15 | |
| SA | T5 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 12-Feb-15 | |
| SA | T5 | Urban/Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 12-Feb-15 | |
| SA | T5 | Urban/Residential Area | White Wagtail | <i>Motacilla alba</i> | 1 | 12-Feb-15 | |
| SA | T5 | Urban/Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 4 | 12-Feb-15 | |
| SA | T5 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 10-Mar-15 | |
| SA | T5 | Watercourse | Wood Sandpiper | <i>Tringa glareola</i> | 1 | 9-Apr-15 | |
| SA | T5 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 18-May-15 | |
| SA | T5 | Urban/Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 18-May-15 | |
| SA | T5 | Mitigation Wetland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 8-Jun-15 | |
| SA | T5 | Mitigation Wetland | Barn Swallow | <i>Hirundo rustica</i> | 1 | 8-Jun-15 | |
| SA | T5 | Mitigation Wetland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 8-Jun-15 | |
| SA | T5 | Mitigation Wetland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 8-Jun-15 | |
| SA | T5 | Mitigation Wetland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 8-Jun-15 | |
| SA | T5 | Mitigation Wetland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 27-Jul-15 | |
| SA | T5 | Mitigation Wetland | Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | 1 | 27-Jul-15 | |
| SA | T5 | Mitigation Wetland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 27-Jul-15 | |
| SA | T5 | Mitigation Wetland | Barn Swallow | <i>Hirundo rustica</i> | 1 | 27-Jul-15 | |
| SA | T6 | Grassland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 12-Feb-15 | |
| SA | T6 | Grassland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Feb-15 | |
| SA | T6 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 12-Feb-15 | |
| SA | T6 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 12-Feb-15 | |
| SA | T6 | Grassland | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 12-Feb-15 | |
| SA | T6 | Watercourse | Blue Whistling Thrush | <i>Myophonus caeruleus</i> | 1 | 9-Apr-15 | |
| SA | T6 | Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 9-Apr-15 | |
| SA | T6 | Grassland | Greater Coucal | <i>Centropus sinensis</i> | 1 | 18-May-15 | Call |
| SA | T6 | Grassland | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 18-May-15 | Call |
| SA | T6 | Grassland | Blue Whistling Thrush | <i>Myophonus caeruleus</i> | 1 | 18-May-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | T6 | Grassland | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 18-May-15 | |
| SA | T6 | Grassland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 18-May-15 | |
| SA | T6 | Grassland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 18-May-15 | |
| SA | T6 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 18-May-15 | |
| SA | T6 | Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 18-May-15 | |
| SA | T6 | Grassland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 18-May-15 | |
| SA | T6 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 18-May-15 | |
| SA | T6 | Watercourse | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 8-Jun-15 | Call |
| SA | T6 | Watercourse | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 8-Jun-15 | |
| SA | T6 | Watercourse | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 8-Jun-15 | Call |
| SA | T6 | Grassland | Greater Coucal | <i>Centropus sinensis</i> | 1 | 8-Jun-15 | Call |
| SA | T6 | Grassland | Common Kingfisher | <i>Alcedo atthis</i> | 1 | 8-Jun-15 | |
| SA | T6 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 8-Jun-15 | |
| SA | T6 | Grassland | Long-tailed Shrike | <i>Lanius schach</i> | 1 | 8-Jun-15 | |
| SA | T6 | Grassland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 8-Jun-15 | |
| SA | T6 | Grassland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 8-Jun-15 | |
| SA | T7 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 10-Mar-15 | |
| SA | T7 | Grassland | Scaly-breasted Munia | <i>Lonchura punctulata</i> | 6 | 10-Mar-15 | |
| SA | T7 | Grassland | Eastern Yellow Wagtail | <i>Motacilla tschutschensis</i> | 1 | 10-Mar-15 | |
| SA | T7 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 9-Apr-15 | |
| SA | T7 | Urban/Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 9-Apr-15 | |
| SA | T9 | Urban/Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 10-Mar-15 | |
| SA | T9 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 3 | 10-Mar-15 | |
| SA | T9 | Seasonally Wet Grassland | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 9-Apr-15 | |
| SA | T11 | Grassland | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 24-Feb-15 | |
| SA | T11 | Grassland | Barn Swallow | <i>Hirundo rustica</i> | 2 | 24-Feb-15 | |
| SA | T11 | Grassland | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 8-Jun-15 | Call |
| SA | T11 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 8-Jun-15 | |
| SA | T11 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 3 | 8-Jun-15 | Call |
| SA | T11 | Grassland | Barn Swallow | <i>Hirundo rustica</i> | 6 | 8-Jun-15 | |
| SA | T11 | Grassland | House Swift | <i>Apus nipalensis</i> | 4 | 8-Jun-15 | |
| SA | T11 | Grassland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 8-Jun-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|------------------------|-------------------------|-----------------------------------|-----------|-----------|---------|
| SA | T11 | Grassland | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 8-Jun-15 | |
| SA | T11 | Grassland | Long-tailed Shrike | <i>Lanius schach</i> | 1 | 27-Jul-15 | |
| SA | T11 | Grassland | Lesser Coucal | <i>Centropus bengalensis</i> | 2 | 27-Jul-15 | Call |
| SA | T11 | Grassland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Jul-15 | Call |
| SA | T11 | Urban/Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 27-Jul-15 | |
| SA | T11 | Urban/Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 27-Jul-15 | |
| SA | T11 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 2 | 27-Jul-15 | Call |
| SA | T11 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 2 | 27-Jul-15 | |
| SA | T11 | Waste Ground | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 27-Jul-15 | Call |
| SA | T11 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 27-Jul-15 | Call |
| SA | T12 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 12-Feb-15 | |
| SA | T12 | Secondary Woodland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 10 | 12-Feb-15 | |
| SA | T12 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 2 | 12-Feb-15 | |
| SA | T12 | Secondary Woodland | Daurian Redstart | <i>Phoenicurus aureus</i> | 1 | 12-Feb-15 | |
| SA | T12 | Urban/Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 12-Feb-15 | |
| SA | T12 | Urban/Residential Area | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 12-Feb-15 | |
| SA | T12 | Urban/Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 12-Feb-15 | |
| SA | T12 | Urban/Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 12-Feb-15 | |
| SA | T12 | Grassland/Shrubland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 10 | 10-Mar-15 | |
| SA | T12 | Grassland/Shrubland | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 10-Mar-15 | |
| SA | T12 | Secondary Woodland | Rufous-capped Babbler | <i>Stachyridopsis ruficeps</i> | 1 | 10-Mar-15 | |
| SA | T12 | Secondary Woodland | Greater Coucal | <i>Centropus sinensis</i> | 1 | 10-Mar-15 | |
| SA | T12 | Urban/Residential Area | White Wagtail | <i>Motacilla alba</i> | 1 | 9-Apr-15 | |
| SA | T12 | Secondary Woodland | Chestnut-winged Cuckoo | <i>Clamator coromandus</i> | 1 | 9-Apr-15 | Call |
| SA | T12 | Secondary Woodland | Greater Coucal | <i>Centropus sinensis</i> | 1 | 9-Apr-15 | Call |
| SA | T12 | Secondary Woodland | Black drongo | <i>Dicrurus macrocercus</i> | 2 | 9-Apr-15 | |
| SA | T12 | Grassland/Shrubland | Long-tailed Shrike | <i>Lanius schach</i> | 1 | 9-Apr-15 | |
| SA | T12 | Grassland/Shrubland | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 9-Apr-15 | |
| SA | T12 | Agricultural Land | Scaly-breasted Munia | <i>Lonchura punctulata</i> | 8 | 9-Apr-15 | |
| SA | T12 | Secondary Woodland | Crested Goshawk | <i>Accipiter trivirgatus</i> | 1 | 18-May-15 | |
| SA | T12 | Secondary Woodland | Large Hawk Cuckoo | <i>Hierococcyx sparveriioides</i> | 1 | 18-May-15 | |
| SA | T12 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 18-May-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|------------------------|-------------------------------|----------------------------------|-----------|-----------|---------|
| SA | T12 | Secondary Woodland | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 18-May-15 | |
| SA | T12 | Secondary Woodland | Barn Swallow | <i>Hirundo rustica</i> | 40 | 18-May-15 | |
| SA | T12 | Secondary Woodland | House Swift | <i>Apus nipalensis</i> | 1 | 18-May-15 | |
| SA | T12 | Secondary Woodland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 18-May-15 | |
| SA | T12 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 18-May-15 | |
| SA | T12 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 18-May-15 | |
| SA | T12 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 18-May-15 | |
| SA | T12 | Secondary Woodland | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 18-May-15 | |
| SA | T12 | Pond | Barn Swallow | <i>Hirundo rustica</i> | 2 | 8-Jun-15 | |
| SA | T12 | Pond | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 8-Jun-15 | |
| SA | T12 | Pond | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 8-Jun-15 | Call |
| SA | T12 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 8 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 8-Jun-15 | Call |
| SA | T12 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 8-Jun-15 | Call |
| SA | T12 | Secondary Woodland | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 3 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Rufous-capped Babbler | <i>Stachyridopsis ruficeps</i> | 1 | 8-Jun-15 | Call |
| SA | T12 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 8-Jun-15 | Call |
| SA | T12 | Grassland/Shrubland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 3 | 8-Jun-15 | Call |
| SA | T12 | Grassland/Shrubland | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 8-Jun-15 | Call |
| SA | T12 | Grassland/Shrubland | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 8-Jun-15 | Call |
| SA | T12 | Urban/Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 2 | 8-Jun-15 | |
| SA | T12 | Urban/Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 8-Jun-15 | |
| SA | T12 | Urban/Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 3 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 8-Jun-15 | |
| SA | T12 | Secondary Woodland | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 8-Jun-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|------------------------|-------------------------------|---------------------------------|-----------|-----------|---------|
| SA | T12 | Marsh | Barn Swallow | <i>Hirundo rustica</i> | 1 | 8-Jun-15 | |
| SA | T12 | Marsh | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 8-Jun-15 | |
| SA | T12 | Marsh | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 8-Jun-15 | |
| SA | T12 | Pond | Barn Swallow | <i>Hirundo rustica</i> | 2 | 27-Jul-15 | |
| SA | T12 | Pond | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 27-Jul-15 | |
| SA | T12 | Urban/Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 27-Jul-15 | Call |
| SA | T12 | Urban/Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Jul-15 | Call |
| SA | T12 | Urban/Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 27-Jul-15 | |
| SA | T12 | Urban/Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Jul-15 | Call |
| SA | T12 | Urban/Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 27-Jul-15 | |
| SA | T12 | Grassland/Shrubland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 27-Jul-15 | |
| SA | T12 | Grassland/Shrubland | Barn Swallow | <i>Hirundo rustica</i> | 1 | 27-Jul-15 | |
| SA | T12 | Grassland/Shrubland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 27-Jul-15 | |
| SA | T12 | Secondary Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 27-Jul-15 | Call |
| SA | T12 | Secondary Woodland | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 27-Jul-15 | Call |
| SA | T12 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 27-Jul-15 | |
| SA | T12 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 27-Jul-15 | Call |
| SA | T12 | Secondary Woodland | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 27-Jul-15 | Call |
| SA | T12 | Secondary Woodland | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 27-Jul-15 | Call |
| SA | T12 | Secondary Woodland | Blue Whistling Thrush | <i>Myophonus caeruleus</i> | 1 | 27-Jul-15 | Call |
| SA | T13 | Agricultural Land | Black-collared Starling | <i>Gracupica nigricollis</i> | 3 | 24-Feb-15 | |
| SA | T13 | Agricultural Land | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 24-Feb-15 | |
| SA | T13 | Agricultural Land | Eastern Yellow Wagtail | <i>Motacilla tschutschensis</i> | 1 | 10-Mar-15 | |
| SA | T13 | Agricultural Land | Eurasian Tree Sparrow | <i>Passer montanus</i> | 12 | 10-Mar-15 | |
| SA | T13 | Agricultural Land | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 9-Apr-15 | |

Table B4.1. Maximum count of reptile species recorded within the 500m Study Area of Tai Wo.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Study Area ³ | | |
|---|------------------------------------|---|--|--------------------------|--------------------|-------------------------|
| | | | | Watercourse ⁺ | Secondary Woodland | Urban/ Residential Area |
| Long-tailed Skink | <i>Eutropis longicaudata</i> | - | Fairly common and widespread | | | 1 |
| Chinese Skink | <i>Plestiodon chinensis</i> | - | Common in many cultivated areas | | | 1 |
| Chinese Water Snake | <i>Enhydris chinensis</i> | - | Widespread throughout the territory | 1 | | |
| Checkered Keelback | <i>Xenochrophis flavipunctatus</i> | - | Widespread throughout the territory | 1 | | |
| White-spotted Slug Snake | <i>Pareas margaritophorus</i> | - | Fairly common throughout the territory | | 1 | |
| Total number of species recorded | | | | 2 | 1 | 2 |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status refers to IUCN (2015), Fellowes *et al.* (2002), China Red Data Book (Zhao 1998), Cap. 170 and Cap. 586.
2. Hong Kong status refers to Karsen *et al.* (1998).

Table B4.2. Raw data of reptile species recorded on transects or at point count locations at the 500m Study Area of Tai Wo.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|--------------------------|------------------------------------|-----------|-----------|
| SA | T5 | Watercourse | Checkered Keelback | <i>Xenochrophis flavipunctatus</i> | 2 | 8-Jun-15 |
| SA | T6 | Watercourse | Checkered Keelback | <i>Xenochrophis flavipunctatus</i> | 1 | 17-Jun-15 |
| SA | T6 | Watercourse | Chinese Water Snake | <i>Enhydris chinensis</i> | 1 | 7-Jul-15 |
| SA | T7 | Urban/Residential Area | Chinese Skink | <i>Plestiodon chinensis</i> | 1 | 10-Mar-15 |
| SA | T12 | Urban/Residential Area | Long-tailed Skink | <i>Eutropis longicaudata</i> | 1 | 9-Apr-15 |
| SA | T12 | Secondary Woodland | White-spotted Slug Snake | <i>Pareas margaritophorus</i> | 1 | 9-Apr-15 |
| SA | T12 | Secondary Woodland | White-spotted Slug Snake | <i>Pareas margaritophorus</i> | 1 | 17-Jun-15 |

Table B5.1. Maximum count of amphibian species recorded within the 500m Study Area of Tai Wo.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | |
|---|-----------------------------------|---|---|----------------------------------|-------------------------|----------|----------|----------|----------|----------|
| | | | | MWC | WC | SWG | GR | SW | PL | |
| Asian Common Toad | <i>Duttaphrynus melanostictus</i> | - | Widely distributed in Hong Kong | | # | | | | | |
| Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | - | Widely distributed from low to moderate altitudes in northern and central New Territories | | 1 | 2 | | 1 | 1 | |
| Asiatic Painted Frog | <i>Kaloula pulchra</i> | - | Widely distributed in Hong Kong | | 1 | | | | | |
| Ornate Pigmy Frog | <i>Microhyla fissipes</i> | - | Widely distributed in Hong Kong | | 1 | | | | | |
| Marbled Pigmy Frog | <i>Microhyla pulchra</i> | - | Widely distributed in Hong Kong | | 1 | | | | | |
| Paddy Frog | <i>Fejervarya limnocharis</i> | - | Widely distributed in Hong Kong | | 1 | | | | | |
| Chinese Bullfrog | <i>Hoplobatrachus rugulosus</i> | PRC | Widely distributed in Lantau Island and New Territories | | 1 | | | | | |
| Günther's Frog | <i>Hylarana guentheri</i> | - | Widely distributed throughout Hong Kong | | 2* | 1 | 5 | | | |
| Brown Wood Frog | <i>Hylarana latouchii</i> | LC | Distributed in woodlands in Tai Po Kau Nature Reserve, Shing Mun Country Park, Tai Mo Shan Country Park, Sai Kung West Country Park and Clear Water Bay Peninsula | | # | | 1 | | | |
| Brown Tree Frog | <i>Polypedates megacephalus</i> | - | Widely distributed throughout Hong Kong | | 3 | | | | | |
| Total number of species recorded | | | | | 2 | 8 | 2 | 2 | 1 | 1 |

Keys:

Tadpoles recorded.

* Dead Individual also recorded.

+ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:

a. Fellowes *et al.* (2002): LC=Local Concern, PRC=Potential Regional Concern.

2. Hong Kong status refers AFCD (2015a).

3. Habitat: MWC = Minor Watercourse, WC=Watercourse, SWG=Seasonally Wet Grassland, GR=Grassland, GS=Grassland/Shrubland, SW=Secondary Woodland, PL=Plantation.

Table B5.2. Raw data of amphibian species recorded on transects or at point count locations at the 500m Study Area of Tai Wo.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------------|-----------------------------|-----------------------------------|-----------|-----------|----------|
| WLB | T6 | Minor Watercourse | Brown Tree Frog | <i>Polypedates megacephalus</i> | 3 | 17-Jun-15 | |
| SA | P4 | Watercourse | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 1 | 18-May-15 | |
| SA | T1 | Seasonally Wet Grassland | Günther's Frog | <i>Hylarana guentheri</i> | 1 | 09-Apr-15 | Call |
| SA | T1 | Seasonally Wet Grassland | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 2 | 09-Apr-15 | Call |
| SA | T5 | Plantation | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 1 | 17-Jun-15 | |
| SA | T6 | Grassland | Brown Wood Frog | <i>Hylarana latouchii</i> | 1 | 09-Apr-15 | Call |
| SA | T6 | Watercourse | Günther's Frog | <i>Hylarana guentheri</i> | 2 | 10-Mar-15 | |
| SA | T6 | Watercourse | Marbled Pigmy Frog | <i>Microhyla pulchra</i> | 1 | 10-Mar-15 | |
| SA | T6 | Watercourse | Ornate Pigmy Frog | <i>Microhyla fissipes</i> | 1 | 09-Apr-15 | |
| SA | T6 | Watercourse | Asian Common Toad | <i>Duttaphrynus melanostictus</i> | 50 | 09-Apr-15 | Tadpoles |
| SA | T6 | Watercourse | Brown Wood Frog | <i>Hylarana latouchii</i> | 5 | 09-Apr-15 | Tadpoles |
| SA | T6 | Watercourse | Günther's Frog | <i>Hylarana guentheri</i> | 1 | 09-Apr-15 | Dead |
| SA | T6 | Watercourse | Paddy Frog | <i>Fejervarya limnocharis</i> | 1 | 17-Jun-15 | |
| SA | T6 | Watercourse | Asiatic Painted Frog | <i>Kaloula pulchra</i> | 1 | 17-Jun-15 | |
| SA | T6 | Watercourse | Günther's Frog | <i>Hylarana guentheri</i> | 2 | 17-Jun-15 | |
| SA | T6 | Watercourse | Günther's Frog | <i>Hylarana guentheri</i> | 1 | 18-May-15 | |
| SA | T7 | Grassland | Günther's Frog | <i>Hylarana guentheri</i> | 5 | 09-Apr-15 | Call |
| SA | T9 | Watercourse | Chinese Bullfrog | <i>Hoplobatrachus rugulosus</i> | 1 | 17-Jun-15 | |
| SA | T12 | Secondary Woodland | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 1 | 18-May-15 | |

Table B6.1. Mean count of dragonfly species recorded within the 500m Study Area of Tai Wo.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Study Area ³ | | | | | |
|---------------------------|------------------------------------|---|-------------------------------|-------------------------|-----|-----|-----------------|-----|-----|
| | | | | PO | MA | MW | WC ⁺ | GR | SW |
| Common Blue Jewel | <i>Rhinocypha perforata</i> | - | Abundant | | | | 0.3 | | |
| Black-banded Gossamerwing | <i>Euphaea decorata</i> | - | Abundant | | | | 0.3 | | |
| Orange-tailed Midget | <i>Agriocnemis femina</i> | - | Abundant | | 1.7 | | | | |
| Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | - | Abundant | | 1.7 | | 3.7 | | |
| Marsh Dancer | <i>Onychargia atrocyana</i> | - | Common | | 0.3 | | | | |
| Black-kneed Featherlegs | <i>Pseudocoptera ciliata</i> | - | Common | | | | 0.7 | | |
| Yellow Featherlegs | <i>Coptera marginipes</i> | - | Abundant | | | | 3.0 | | |
| Black Threadtail | <i>Prodasineura autumnalis</i> | - | Abundant | | 0.7 | | 2.0 | | |
| Giant River Hawker | <i>Tetracanthagyna waterhousei</i> | - | Common | | | | 0.3 | | |
| Common Flangetail | <i>Ictinogomphus pertinax</i> | - | Common | | | | 0.3 | | |
| Golden Flangetail | <i>Sinictinogomphus clavatus</i> | - | Common | | | | | 0.3 | |
| Blue Dasher | <i>Brachydiplax chalybea</i> | - | Common | | | | 0.3 | | |
| Asian Amberwing | <i>Brachythemis contaminata</i> | - | Abundant | | 0.3 | | | | |
| Blue Percher | <i>Diplacodes trivialis</i> | - | Abundant | | 0.3 | | | | |
| Forest Chaser | <i>Lyriothemis elegantissima</i> | - | Common | | | | 0.3 | | |
| Russet Percher | <i>Neurothemis fulvia</i> | - | Common | | | 0.3 | 0.3 | | |
| Pied Percher | <i>Neurothemis tullia</i> | - | Common | | 0.3 | | | | |
| Red-faced Skimmer | <i>Orthetrum chrysis</i> | - | Abundant | | | | 1.3 | | |
| Common Blue Skimmer | <i>Orthetrum glaucum</i> | - | Abundant | | 1.3 | 0.3 | | | |
| Marsh Skimmer | <i>Orthetrum luzonicum</i> | - | Abundant | | 0.7 | | 1.0 | | |
| Common Red Skimmer | <i>Orthetrum pruinosum</i> | - | Abundant | 0.3 | 1.0 | | 2.3 | | |
| Green Skimmer | <i>Orthetrum sabina</i> | - | Abundant | | 0.3 | | 0.7 | | |
| Wandering Glider | <i>Pantala flavescens</i> | - | Abundant | 0.3 | | | 0.3 | | 0.3 |
| Variiegated Flutterer | <i>Rhyothemis variegata</i> | - | Common | 3.3 | | | 0.3 | | 0.3 |
| Saddlebag Glider | <i>Tamea virginia</i> | - | Abundant | 0.3 | | | | | |
| Crimson Dropwing | <i>Trithemis aurora</i> | - | Abundant | | 0.3 | | 0.3 | | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Study Area ³ | | | | | |
|---|--------------------------|---|-------------------------------|-------------------------|-----------|----------|-----------------|----------|----------|
| | | | | PO | MA | MW | WC ⁺ | GR | SW |
| Indigo Dropwing | <i>Trithemis festiva</i> | - | Abundant | | | | 0.3 | | |
| Scarlet Basker | <i>Urothemis signata</i> | LC | Common | | | | 0.3 | | |
| Total number of species recorded | | | | 4 | 12 | 2 | 20 | 1 | 2 |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:
 - a. Fellowes *et al.* (2002): LC=Local Concern.
2. Hong Kong status refers to AFCD (2015a).
3. Habitat: PO=Pond, MA=Marsh, MW=Mitigation Wetland, WC=Watercourse, GR=Grassland, SW=Secondary Woodland.

Table B6.2. Raw data of dragonfly species recorded on transects or at point count locations at the 500m Study Area of Tai Wo.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|--------------------|-------------------------|------------------------------------|-----------|-----------|
| SA | T4 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 2 | 10-Mar-15 |
| SA | T4 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 8-Jun-15 |
| SA | T4 | Watercourse | Common Blue Jewel | <i>Rhinocypha perforata</i> | 1 | 8-Jun-15 |
| SA | T5 | Mitigation Wetland | Common Blue Skimmer | <i>Orthetrum glaucum</i> | 1 | 8-Jun-15 |
| SA | T5 | Mitigation Wetland | Russet Percher | <i>Neurothemis fulvia</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 1 | 10-Mar-15 |
| SA | T6 | Watercourse | Giant River Hawker | <i>Tetracanthagyna waterhousei</i> | 1 | 9-Apr-15 |
| SA | T6 | Watercourse | Black-kneed Featherlegs | <i>Pseudocoptera ciliata</i> | 2 | 9-Apr-15 |
| SA | T6 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 3 | 9-Apr-15 |
| SA | T6 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 5 | 9-Apr-15 |
| SA | T6 | Watercourse | Black Threadtail | <i>Prodasineura autumnalis</i> | 3 | 18-May-15 |
| SA | T6 | Watercourse | Forest Chaser | <i>Lyriothemis elegantissima</i> | 1 | 18-May-15 |
| SA | T6 | Watercourse | Red-faced Skimmer | <i>Orthetrum chrysis</i> | 1 | 18-May-15 |
| SA | T6 | Watercourse | Marsh Skimmer | <i>Orthetrum luzonicum</i> | 2 | 18-May-15 |
| SA | T6 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 3 | 18-May-15 |
| SA | T6 | Watercourse | Common Flangetail | <i>Ictinogomphus pertinax</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Scarlet Basker | <i>Urothemis signata</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Black Threadtail | <i>Prodasineura autumnalis</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Indigo Dropwing | <i>Trithemis festiva</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 4 | 8-Jun-15 |
| SA | T6 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Red-faced Skimmer | <i>Orthetrum chrysis</i> | 2 | 8-Jun-15 |
| SA | T6 | Watercourse | Blue Dasher | <i>Brachydiplax chalybea</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Russet Percher | <i>Neurothemis fulvia</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Variiegated Flutterer | <i>Rhyothemis variegata</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Dingy Dusk-darter | <i>Zyxomma petiolatum</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Red-faced Skimmer | <i>Orthetrum chrysis</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Marsh Skimmer | <i>Orthetrum luzonicum</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 8-Jun-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|--------------------|---------------------------|----------------------------------|-----------|-----------|
| SA | T6 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 1 | 8-Jun-15 |
| SA | T6 | Watercourse | Black Threadtail | <i>Prodasineura autumnalis</i> | 1 | 8-Jun-15 |
| SA | T11 | Grassland | Golden Flangetail | <i>Sinictinogomphus clavatus</i> | 1 | 9-Apr-15 |
| SA | T12 | Marsh | Marsh Dancer | <i>Onychargia atrocyana</i> | 1 | 9-Apr-15 |
| SA | T12 | Marsh | Orange-tailed Midget | <i>Agriocnemis femina</i> | 5 | 9-Apr-15 |
| SA | T12 | Marsh | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 3 | 9-Apr-15 |
| SA | T12 | Marsh | Marsh Skimmer | <i>Orthetrum luzonicum</i> | 2 | 18-May-15 |
| SA | T12 | Marsh | Common Blue Skimmer | <i>Orthetrum glaucum</i> | 3 | 18-May-15 |
| SA | T12 | Marsh | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 2 | 18-May-15 |
| SA | T12 | Marsh | Black Threadtail | <i>Prodasineura autumnalis</i> | 2 | 18-May-15 |
| SA | T12 | Marsh | Blue Percher | <i>Diplacodes trivialis</i> | 1 | 18-May-15 |
| SA | T12 | Marsh | Asian Amberwing | <i>Brachythemis contaminata</i> | 1 | 18-May-15 |
| SA | T12 | Marsh | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 2 | 18-May-15 |
| SA | T12 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 18-May-15 |
| SA | T12 | Watercourse | Wandering Glider | <i>Pantala flavescens</i> | 1 | 18-May-15 |
| SA | T12 | Pond | Variiegated Flutterer | <i>Rhyothemis variegata</i> | 10 | 8-Jun-15 |
| SA | T12 | Pond | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 8-Jun-15 |
| SA | T12 | Pond | Wandering Glider | <i>Pantala flavescens</i> | 1 | 8-Jun-15 |
| SA | T12 | Pond | Saddlebag Glider | <i>Tramea virginia</i> | 1 | 8-Jun-15 |
| SA | T12 | Secondary Woodland | Wandering Glider | <i>Pantala flavescens</i> | 1 | 8-Jun-15 |
| SA | T12 | Secondary Woodland | Variiegated Flutterer | <i>Rhyothemis variegata</i> | 1 | 8-Jun-15 |
| SA | T12 | Marsh | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 8-Jun-15 |
| SA | T12 | Marsh | Pied Percher | <i>Neurothemis tullia</i> | 1 | 8-Jun-15 |
| SA | T12 | Marsh | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 8-Jun-15 |
| SA | T12 | Marsh | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 8-Jun-15 |
| SA | T12 | Marsh | Common Blue Skimmer | <i>Orthetrum glaucum</i> | 1 | 8-Jun-15 |
| SA | T12 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 2 | 8-Jun-15 |
| SA | T12 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 2 | 8-Jun-15 |
| SA | T12 | Watercourse | Black Threadtail | <i>Prodasineura autumnalis</i> | 1 | 8-Jun-15 |
| SA | T12 | Watercourse | Black-banded Gossamerwing | <i>Euphaea decorata</i> | 1 | 8-Jun-15 |

Table B7.1. Mean count of butterfly species recorded within the 500m Study Area of Tai Wo.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | Study Area ³ | | | | | | | | |
|------------------------|---------------------------------|---|-------------------------------|----------------------------------|-----|-------------------------|-----|-----------------|-----|-----|-----|-----|-----|-----|
| | | | | MWC | WG | AG | MA | WC ⁺ | GR | SW | OR | PL | WG | UR |
| Jhora Scrub Hopper | <i>Aeromachus jhora</i> | - | Rare | | | | | | 0.7 | | | | | |
| Bush Hopper | <i>Ampittia dioscorides</i> | - | Uncommon | | | | 0.3 | | | | | | | |
| Formosan Swift | <i>Borbo cinnara</i> | - | Common | | 0.3 | | | | | | | | | |
| Restricted Demon | <i>Notocrypta curvifascia</i> | - | Uncommon | | | | 0.3 | | | | | | | |
| Common Straight Swift | <i>Parnara guttata</i> | - | Common | | 0.3 | | | | | | | | | |
| Contiguous Swift | <i>Polytremis lubricans</i> | - | Common | | 0.7 | | | | | | | | | |
| Grass Demon | <i>Udaspes folus</i> | - | Rare | | | | 0.7 | | 0.7 | | | | | |
| Purple Sapphire | <i>Heliophorus epicles</i> | - | Common | | 1.0 | | | | | | | | | |
| Metallic Cerulean | <i>Jamides alecto</i> | - | Very Rare | | | | | | 1.0 | | | | | |
| Pale Grass Blue | <i>Pseudozizeeria maha</i> | - | Very Common | | 2.0 | | | | | | | | | |
| Centaur Oak Blue | <i>Arhopala pseudocentaurus</i> | LC | Very Rare | | | | | | | 0.3 | | | | |
| Large Faun | <i>Faunis eumeus</i> | - | Common | | | | | | | 0.3 | | | | |
| Common Tiger | <i>Danaus genutia</i> | - | Common | | 0.7 | | | | 0.3 | | | | | |
| Glassy Tiger | <i>Parantica aglea</i> | - | Common | | | | | | | 0.3 | | | | |
| Angled Castor | <i>Ariadne ariadne</i> | - | Common | | | | | | 0.3 | | | | | |
| Great Egg-fly | <i>Hypolimnas bolina</i> | - | Common | | | | | | 0.3 | | | | | |
| Blue Admiral | <i>Kaniska canace</i> | - | Common | | 0.3 | | | | | | | | | |
| Common Sailer | <i>Neptis hylas</i> | - | Very Common | | 1.7 | | | | | | | | | |
| Banded Tree Brown | <i>Lethe confusa</i> | - | Common | | | | | 0.3 | | | 0.3 | | | |
| Bamboo Tree Brown | <i>Lethe europa</i> | - | Uncommon | | | | | | 0.3 | | | | | |
| Dark Evening Brown | <i>Melanitis phedima</i> | - | Uncommon | | | | | 0.3 | | | | | | |
| Dark-brand Bush Brown | <i>Mycalesis mineus</i> | - | Very Common | | | | | 0.7 | | | | 0.7 | 0.3 | |
| South China Bush Brown | <i>Mycalesis zonata</i> | - | Common | | | | | | | | | | 0.3 | |
| Common Five-ring | <i>Ypthima baldus</i> | - | Common | | | | | 1.0 | | 0.7 | | 0.3 | 0.3 | 0.7 |
| Glassy Bluebottle | <i>Graphium cloanthus</i> | LC | Uncommon | 0.3 | | | | | | | | | | |
| Common Bluebottle | <i>Graphium sarpedon</i> | - | Very Common | | | | | | | 0.3 | | | | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | Study Area ³ | | | | | | | | | |
|---|---------------------------|---|-------------------------------|----------------------------------|----------|-------------------------|----------|-----------------|-----------|----------|----------|----------|----------|----------|-----|
| | | | | MWC | WG | AG | MA | WC ⁺ | GR | SW | OR | PL | WG | UR | |
| Red Helen | <i>Papilio helenus</i> | - | Very Common | | | | | | | | | | | | 0.3 |
| Great Mormon | <i>Papilio memnon</i> | - | Very Common | | | | | 0.3 | | | | | | | |
| Common Mormon | <i>Papilio polytes</i> | - | Very Common | | | | | | 1.0 | | 0.3 | 0.3 | | | 0.7 |
| Five-bar Swordtail | <i>Pathysa antiphates</i> | - | Common | | | | | | | 0.3 | | | | | |
| Common Grass Yellow | <i>Eurema hecabe</i> | - | Very Common | | | | | | 0.7 | | | | | | |
| Red-base Jezebel | <i>Delias pasithoe</i> | - | Very Common | | | | | | | 0.7 | | | | | |
| Indian Cabbage White | <i>Pieris canidia</i> | - | Very Common | | 0.7 | 4.7 | | 0.3 | 1.7 | | | 0.3 | | | 8.3 |
| Total number of species recorded | | | | 1 | 9 | 1 | 4 | 5 | 11 | 6 | 3 | 4 | 3 | 3 | |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:
 - a. Fellowes *et al.* (2002): LC=Local Concern.
2. Hong Kong status refers Chan *et al.* (2011).
3. Habitat: AG=Agricultural Land, MA=Marsh, MWC = Minor Watercourse, WC=Watercourse, GR=Grassland, SW=Secondary Woodland, OR=Orchard, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table B7.2. Raw data of butterfly species recorded on transects or at point count locations at the 500m Study Area of Tai Wo.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|-------------------------|-----------------------|-----------------------------|-----------|-----------|
| WLB | T6 | Minor Watercourse | Glassy Bluebottle | <i>Graphium cloanthus</i> | 1 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Common Tiger | <i>Danaus genutia</i> | 2 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Blue Admiral | <i>Kaniska canace</i> | 1 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Common Sailer | <i>Neptis hylas</i> | 5 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 2 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Pale Grass Blue | <i>Pseudoizeeria maha</i> | 6 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Contiguous Swift | <i>Polytremis lubricans</i> | 2 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Formosan Swift | <i>Borbo cinnara</i> | 1 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Common Straight Swift | <i>Parnara guttata</i> | 1 | 10-Mar-15 |
| WLB | T8 | Waste Ground | Purple Sapphire | <i>Heliophorus epicles</i> | 3 | 10-Mar-15 |
| SA | P1 | Watercourse | Great Mormon | <i>Papilio memnon</i> | 1 | 12-Feb-15 |
| SA | P2 | Grassland | Great Egg-fly | <i>Hypolimnas bolina</i> | 1 | 24-Feb-15 |
| SA | P2 | Grassland | Common Tiger | <i>Danaus genutia</i> | 1 | 24-Feb-15 |
| SA | P2 | Grassland | Angled Castor | <i>Ariadne ariadne</i> | 1 | 24-Feb-15 |
| SA | P2 | Grassland | Common Mormon | <i>Papilio polytes</i> | 1 | 24-Feb-15 |
| SA | P2 | Grassland | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 24-Feb-15 |
| SA | P3 | Grassland | Metallic Cerulean | <i>Jamides alecto</i> | 1 | 24-Feb-15 |
| SA | P3 | Grassland | Common Mormon | <i>Papilio polytes</i> | 1 | 24-Feb-15 |
| SA | P3 | Grassland | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 24-Feb-15 |
| SA | T1 | Plantation | Common Mormon | <i>Papilio polytes</i> | 1 | 10-Mar-15 |
| SA | T1 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 10-Mar-15 |
| SA | T3 | Urban/ Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 25 | 10-Mar-15 |
| SA | T3 | Urban/ Residential Area | Common Mormon | <i>Papilio polytes</i> | 2 | 10-Mar-15 |
| SA | T3 | Urban/ Residential Area | Red Helen | <i>Papilio helenus</i> | 1 | 10-Mar-15 |
| SA | T4 | Plantation | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 2 | 9-Apr-15 |
| SA | T5 | Grassland | Common Five-ring | <i>Ypthima baldus</i> | 1 | 10-Mar-15 |
| SA | T5 | Grassland | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 10-Mar-15 |
| SA | T5 | Grassland | Bamboo Tree Brown | <i>Lethe europa</i> | 1 | 10-Mar-15 |
| SA | T5 | Plantation | Common Five-ring | <i>Ypthima baldus</i> | 1 | 9-Apr-15 |
| SA | T6 | Orchard | Common Mormon | <i>Papilio polytes</i> | 1 | 24-Feb-15 |
| SA | T6 | Watercourse | Banded Tree Brown | <i>Lethe confusa</i> | 1 | 10-Mar-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|--------------------|------------------------|---------------------------------|-----------|-----------|
| WLB | T6 | Minor Watercourse | Glassy Bluebottle | <i>Graphium cloanthus</i> | 1 | 10-Mar-15 |
| SA | T6 | Watercourse | Dark Evening Brown | <i>Melanitis phedima</i> | 1 | 10-Mar-15 |
| SA | T6 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 9-Apr-15 |
| SA | T6 | Watercourse | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 2 | 9-Apr-15 |
| SA | T6 | Grassland | Jhora Scrub Hopper | <i>Aeromachus jhora</i> | 2 | 18-May-15 |
| SA | T6 | Grassland | Common Five-ring | <i>Ypthima baldus</i> | 1 | 18-May-15 |
| SA | T6 | Orchard | Common Five-ring | <i>Ypthima baldus</i> | 1 | 18-May-15 |
| SA | T6 | Orchard | Banded Tree Brown | <i>Lethe confusa</i> | 1 | 18-May-15 |
| SA | T7 | Grassland | Common Mormon | <i>Papilio polytes</i> | 1 | 10-Mar-15 |
| SA | T11 | Waste Ground | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 1 | 9-Apr-15 |
| SA | T11 | Waste Ground | South China Bush Brown | <i>Mycalesis zonata</i> | 1 | 9-Apr-15 |
| SA | T11 | Waste Ground | Common Five-ring | <i>Ypthima baldus</i> | 2 | 9-Apr-15 |
| SA | T12 | Secondary Woodland | Large Faun | <i>Faunis eumeus</i> | 1 | 10-Mar-15 |
| SA | T12 | Secondary Woodland | Glassy Tiger | <i>Parantica aglea</i> | 1 | 10-Mar-15 |
| SA | T12 | Secondary Woodland | Five-bar Swordtail | <i>Pathysa antiphates</i> | 1 | 10-Mar-15 |
| SA | T12 | Secondary Woodland | Common Bluebottle | <i>Graphium sarpedon</i> | 1 | 10-Mar-15 |
| SA | T12 | Secondary Woodland | Red-base Jezebel | <i>Delias pasithoe</i> | 2 | 9-Apr-15 |
| SA | T12 | Grassland | Indian Cabbage White | <i>Pieris canidia</i> | 2 | 9-Apr-15 |
| SA | T12 | Marsh | Bush Hopper | <i>Ampittia dioscorides</i> | 1 | 18-May-15 |
| SA | T12 | Marsh | Grass Demon | <i>Udaspes folus</i> | 2 | 18-May-15 |
| SA | T12 | Marsh | Restricted Demon | <i>Notocrypta curvifascia</i> | 1 | 18-May-15 |
| SA | T12 | Marsh | Common Five-ring | <i>Ypthima baldus</i> | 3 | 18-May-15 |
| SA | T12 | Secondary Woodland | Centaur Oak Blue | <i>Arhopala pseudocentaurus</i> | 1 | 18-May-15 |
| SA | T12 | Grassland | Grass Demon | <i>Udaspes folus</i> | 2 | 8-Jun-15 |
| SA | T12 | Grassland | Metallic Cerulean | <i>Jamides alecto</i> | 2 | 8-Jun-15 |
| SA | T13 | Agricultural Land | Indian Cabbage White | <i>Pieris canidia</i> | 14 | 10-Mar-15 |

Table B8.1. Relative abundance of freshwater fish species recorded within the 500m Study Area of Tai Wo.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Sampling Point / Transect | | | | | | | |
|---|-----------------------------------|---|---------------------------------|---------------------------|------------|----------|----------|----------|----------|----------|----------|
| | | | | Work Limit Boundary | Study Area | | | | | | |
| | | | | | A1 | A2 | A4 | A5 | T4 | T6 | T7 |
| Mud Carp | <i>Cirrhinus molitorella</i> | IUCN(NT) | - | | | | | | | * | |
| - | <i>Nicholsicypris normalis</i> | - | Common | | * | | | | | | |
| Chinese Barb | <i>Puntius semifasciolatus</i> | - | Common | * | ** | * | | | ** | | * |
| Chinese Rasbora | <i>Rasbora steineri</i> | GC | Species of Conservation Concern | | * | | | | * | | |
| Freshwater Minnow | <i>Zacco platypus</i> | - | Common | | * | | | | ** | | |
| Oriental Weatherfish | <i>Misgurnus anguillicaudatus</i> | - | Common | | * | | | | * | | |
| Mosquito Fish | <i>Gambusia affinis</i> | - | Common | ** | * | * | | * | * | | |
| Swampy Eel | <i>Monopterus albus</i> | - | Common | | | | * | | * | | |
| Nile Tilapia | <i>Oreochromis niloticus</i> | - | Common | | | | | ** | * | | |
| - | <i>Rhinogobius duospilus</i> | - | Common | * | * | | | | | | |
| Paradise Fish | <i>Macropodus opercularis</i> | - | Common | | | * | | | | | |
| Small Snakehead | <i>Channa asiatica</i> | LC | Uncommon | | * | | ** | | * | | |
| Total number of species recorded | | | | 3 | 8 | 3 | 2 | 2 | 8 | 1 | 1 |

Key for relative abundance: * = a few, ** = Quite abundant.

Notes:

1. Conservation and protection status:
 - a. IUCN (2015): NT = Near Threatened.
 - b. Fellowes *et al.* (2002): LC = Local Concern, GC = Global Concern.
2. Hong Kong status refers to AFCD (2015a).

Table B8.2. Raw data of freshwater fish species recorded on transects or at point count locations at the 500m Study Area of Tai Wo.

| Work Limit Boundary (WLB)/ Study Area (SA) | Point Count No./ Transect No. | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|----------------------|-----------------------------------|-----------|-----------|
| WLB | A1 | - | <i>Rhinogobius duospilus</i> | 5 | 9-Apr-15 |
| WLB | A1 | - | <i>Rhinogobius duospilus</i> | 1 | 12-Feb-15 |
| WLB | A1 | Chinese Barb | <i>Puntius semifasciolatus</i> | 10 | 12-Feb-15 |
| WLB | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 10 | 9-Apr-15 |
| WLB | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 52 | 12-Feb-15 |
| WLB | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 17-Jun-15 |
| SA | A2 | - | <i>Rhinogobius duospilus</i> | 1 | 9-Apr-15 |
| SA | A2 | - | <i>Nicholsicypris normalis</i> | 1 | 9-Apr-15 |
| SA | A2 | Chinese Barb | <i>Puntius semifasciolatus</i> | 20 | 9-Apr-15 |
| SA | A2 | Chinese Barb | <i>Puntius semifasciolatus</i> | 2 | 12-Feb-15 |
| SA | A2 | Chinese Rasbora | <i>Rasbora steineri</i> | 3 | 9-Apr-15 |
| SA | A2 | Chinese Rasbora | <i>Rasbora steineri</i> | 1 | 10-Mar-15 |
| SA | A2 | Freshwater Minnow | <i>Zacco platypus</i> | 3 | 9-Apr-15 |
| SA | A2 | Freshwater Minnow | <i>Zacco platypus</i> | 2 | 12-Feb-15 |
| SA | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 9-Apr-15 |
| SA | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 10 | 12-Feb-15 |
| SA | A2 | Oriental Weatherfish | <i>Misgurnus anguillicaudatus</i> | 2 | 9-Apr-15 |
| SA | A2 | Small Snakehead | <i>Channa asiatica</i> | 2 | 9-Apr-15 |
| SA | A2 | Small Snakehead | <i>Channa asiatica</i> | 1 | 10-Mar-15 |
| SA | A4 | Chinese Barb | <i>Puntius semifasciolatus</i> | 10 | 9-Apr-15 |
| SA | A4 | Chinese Barb | <i>Puntius semifasciolatus</i> | 3 | 12-Feb-15 |
| SA | A4 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 9-Apr-15 |
| SA | A4 | Mosquito Fish | <i>Gambusia affinis</i> | 3 | 12-Feb-15 |
| SA | A4 | Paradise Fish | <i>Macropodus opercularis</i> | 2 | 12-Feb-15 |
| SA | A5 | Swampy Eel | <i>Monopterus albus</i> | 1 | 17-Jun-15 |
| SA | A5 | Small Snakehead | <i>Channa asiatica</i> | 15 | 17-Jun-15 |
| SA | T4 | Mosquito Fish | <i>Gambusia affinis</i> | 10 | 10-Mar-15 |
| SA | T4 | Nile Tilapia | <i>Oreochromis niloticus</i> | 20 | 10-Mar-15 |
| SA | T6 | Chinese Barb | <i>Puntius semifasciolatus</i> | 35 | 17-Jun-15 |
| SA | T6 | Chinese Rasbora | <i>Rasbora steineri</i> | 5 | 17-Jun-15 |
| SA | T6 | Freshwater Minnow | <i>Zacco platypus</i> | 25 | 17-Jun-15 |
| SA | T6 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 18-May-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Point Count No./ Transect No. | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|----------------------|-----------------------------------|-----------|-----------|
| SA | T6 | Mosquito Fish | <i>Gambusia affinis</i> | 15 | 17-Jun-15 |
| SA | T6 | Nile Tilapia | <i>Oreochromis niloticus</i> | 3 | 18-May-15 |
| SA | T6 | Oriental Weatherfish | <i>Misgurnus anguillicaudatus</i> | 5 | 17-Jun-15 |
| SA | T6 | Small Snakehead | <i>Channa asiatica</i> | 1 | 17-Jun-15 |
| SA | T6 | Swampy Eel | <i>Monopterus albus</i> | 1 | 7-Jul-15 |
| SA | T7 | Mud Carp | <i>Cirrhinus molitorella</i> | 2 | 7-Jul-15 |
| SA | T12 | Chinese Barb | <i>Puntius semifasciolatus</i> | 10 | 9-Apr-15 |

Table B9.1. Relative abundance of aquatic invertebrate species recorded within the 500m Study Area of Tai Wo.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Sampling Point / Transect/ Habitat | | | | | | | | |
|---|------------------------------------|---|-------------------------------|------------------------------------|----------|------------|----------|----------|----------|----------|----------|---|
| | | | | Work Limit Boundary | | Study Area | | | | | | |
| | | | | A1 | A3 | near A1 | A2 | A4 | T6 | T9 | MA | |
| Black-banded Gossamerwing [^] | <i>Euphaea decorata</i> | - | Abundant | * | | | | | | | | |
| Common Bluetail [^] | <i>Ischnura senegalensis</i> | - | Abundant | | | | | | | | | * |
| Yellow Featherlegs [^] | <i>Copera marginipes</i> | - | Abundant | | | | | | | | | * |
| Giant River Hawker [^] | <i>Tetracanthagyna waterhousei</i> | - | Common | * | | | | | | | | |
| Dog-legged Clubtail [^] | <i>Burmagomphus vermicularis</i> | LC | Common | * | | * | * | | | | | |
| Marauder Clubtail [^] | <i>Labrogomphus torvus</i> | LC | Uncommon | | | | | | * | | | |
| Club-tailed Cruiser [^] | <i>Macromia urania</i> | GC | Common | | | | * | | | | | |
| Unidentified Skimmer [^] | <i>Orthetrum sp.</i> | - | - | * | | | | * | | | | * |
| Crimson Dropwing [^] | <i>Trithemis aurora</i> | - | Abundant | | | | * | | | | | |
| Mosquito Larvae | <i>Culicidae sp.</i> | - | - | | * | | | | | | | |
| Fishfly Larva | <i>Neochauliodes sp.</i> | - | - | * | | | | | | | | |
| Water Strider | <i>Ptilomera tigrina</i> | - | - | | | | * | | | | | |
| Water Strider | <i>Metrocoris sp.</i> | - | - | * | | | | | | | | |
| Freshwater Shrimp | <i>Caridina cantonensis</i> | - | - | *** | | | ** | ** | | | | |
| Freshwater Prawn | <i>Macrobrachium vietnamense</i> | - | - | ** | | | | | | | | |
| Freshwater Prawn | <i>Macrobrachium sp.</i> | - | - | ** | | | * | | | | | |
| Freshwater Crab | <i>Somanniathelphusa zanklon</i> | IUCN(EN), GC | - | | | * | | | | | | * |
| Freshwater Snail | <i>Angulyagra polyzonata</i> | - | - | ** | | | | | | | | |
| Freshwater Snail | <i>Sinotaia quadrata</i> | - | - | ** | | | * | * | | | | * |
| Apple Snail | <i>Pomacea canaliculata</i> | - | - | ** | | | | * | | * | | * |
| Freshwater Snail | <i>Sulcospira hainanensis</i> | - | - | ** | | | * | ** | | | | |
| Freshwater Snail | <i>Melanoides tuberculata</i> | - | - | ** | | | * | * | | | | |
| Freshwater Clam | <i>Corbicula fluminea</i> | - | - | ** | | | | | | | | |
| Total number of species recorded | | | | 15 | 1 | 1 | 9 | 6 | 1 | 1 | 6 | |

Key for relative abundance: * = A few, ** = Quite abundant, *** = Abundant.

^ Larvae recorded.

Notes:









1. Conservation and protection status:
 - a. IUCN (2015): EN = Endangered.
 - b. Fellowes *et al.* (2002): LC = Local Concern, GC = Global Concern.
2. Hong Kong status refers to AFCDC (2015a).

Table B9.2. Raw data of aquatic invertebrate species recorded on transects or at point count locations at the 500m Study Area of Tai Wo.

| Work Limit Boudnary (WLB)/ Study Area (SA) | Point No./ Transect | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|---------------------|-------------------|---------------------------|------------------------------------|-----------|-----------|---------|
| WLB | A1 | Minor Watercourse | Apple Snail | <i>Pomacea canaliculata</i> | 10 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Black-banded Gossamerwing | <i>Euphaea decorata</i> | 1 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Dog-legged Clubtail | <i>Burmagomphus vermicularis</i> | 3 | 12-Feb-15 | |
| WLB | A1 | Minor Watercourse | Fishfly Larva | <i>Neochauliodes sp.</i> | 1 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Clam | <i>Corbicula fluminea</i> | 10 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Clam | <i>Corbicula fluminea</i> | 2 | 12-Feb-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Prawn | <i>Macrobrachium vietnamense</i> | 15 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Prawn | <i>Macrobrachium sp.</i> | 20 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Shrimp | <i>Caridina cantonensis</i> | 100 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Shrimp | <i>Caridina cantonensis</i> | 27 | 12-Feb-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Snail | <i>Angulyagra polyzonata</i> | 20 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Snail | <i>Sinotaia quadrata</i> | 20 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Snail | <i>Sulcospira hainanensis</i> | 30 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Snail | <i>Melanooides tuberculata</i> | 10 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Snail | <i>Sulcospira hainanensis</i> | 2 | 12-Feb-15 | |
| WLB | A1 | Minor Watercourse | Freshwater Snail | <i>Melanooides tuberculata</i> | 5 | 12-Feb-15 | |
| WLB | A1 | Minor Watercourse | Giant River Hawker | <i>Tetracanthagyna waterhousei</i> | 1 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Unidentified Skimmer | <i>Orthetrum sp.</i> | 3 | 9-Apr-15 | |
| WLB | A1 | Minor Watercourse | Water Strider | <i>Metrocoris sp.</i> | 10 | 9-Apr-15 | |
| WLB | A3 | Watercourse | Mosquito Larvae | <i>Culicidae sp.</i> | 10 | 12-Feb-15 | |
| SA | near A1 | Watercourse | Dog-legged Clubtail | <i>Burmagomphus vermicularis</i> | 5 | 9-Apr-15 | |
| SA | A2 | Watercourse | Club-tailed Cruiser | <i>Macromia urania</i> | 2 | 17-Jun-15 | |
| SA | A2 | Watercourse | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 12-Feb-15 | |
| SA | A2 | Watercourse | Dog-legged Clubtail | <i>Burmagomphus vermicularis</i> | 2 | 17-Jun-15 | |
| SA | A2 | Watercourse | Freshwater Prawn | <i>Macrobrachium sp.</i> | 2 | 12-Feb-15 | |
| SA | A2 | Watercourse | Freshwater Shrimp | <i>Caridina cantonensis</i> | 27 | 12-Feb-15 | |
| SA | A2 | Watercourse | Freshwater Snail | <i>Sulcospira hainanensis</i> | 2 | 12-Feb-15 | |
| SA | A2 | Watercourse | Freshwater Snail | <i>Melanooides tuberculata</i> | 5 | 12-Feb-15 | |
| SA | A2 | Watercourse | Freshwater Snail | <i>Sinotaia quadrata</i> | 5 | 12-Feb-15 | |
| SA | A2 | Watercourse | Water Strider | <i>Ptilomera tigrina</i> | 2 | 12-Feb-15 | |
| SA | A2 | Watercourse | Water Strider | <i>Ptilomera tigrina</i> | 2 | 18-May-15 | |

| Work Limit Boudnary (WLB)/ Study Area (SA) | Point No./ Transect | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|---------------------|-------------|----------------------|----------------------------------|-----------|-----------|--------------------|
| SA | A4 | Watercourse | Apple Snail | <i>Pomacea canaliculata</i> | 5 | 9-Apr-15 | |
| SA | A4 | Watercourse | Freshwater Shrimp | <i>Caridina cantonensis</i> | 30 | 9-Apr-15 | |
| SA | A4 | Watercourse | Freshwater Shrimp | <i>Caridina cantonensis</i> | 10 | 12-Feb-15 | |
| SA | A4 | Watercourse | Freshwater Snail | <i>Sulcospira hainanensis</i> | 15 | 9-Apr-15 | |
| SA | A4 | Watercourse | Freshwater Snail | <i>Melanooides tuberculata</i> | 5 | 12-Feb-15 | |
| SA | A4 | Watercourse | Freshwater Snail | <i>Sinotaia quadrata</i> | 5 | 12-Feb-15 | |
| SA | A4 | Watercourse | Unidentified Skimmer | <i>Orthetrum sp.</i> | 1 | 9-Apr-15 | |
| SA | T12 | Marsh | Apple Snail | <i>Pomacea canaliculata</i> | 1 | 8-Jun-15 | |
| SA | T12 | Marsh | Common Bluetail | <i>Ischnura senegalensis</i> | 1 | 8-Jun-15 | |
| SA | T12 | Marsh | Freshwater Snail | <i>Sinotaia quadrata</i> | 1 | 8-Jun-15 | |
| SA | T12 | Marsh | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 8-Jun-15 | |
| SA | T6 | Watercourse | Marauder Clubtail | <i>Labrogomphus torvus</i> | 1 | 17-Jun-15 | |
| SA | T9 | Watercourse | Apple Snail | <i>Pomacea canaliculata</i> | 10 | 9-Apr-15 | |
| SA | Near A1 | Watercourse | Freshwater Crab | <i>Somanniathelphusa zanklon</i> | 3 | 9-Apr-15 | |
| SA | Near P4 | Marsh | Common Bluetail | <i>Ischnura senegalensis</i> | 10 | 9-Apr-15 | |
| SA | Near P4 | Marsh | Freshwater Crab | <i>Somanniathelphusa zanklon</i> | 5 | 9-Apr-15 | Adult and juvenile |
| SA | Near P4 | Marsh | Freshwater Crab | <i>Somanniathelphusa zanklon</i> | 2 | 17-Jun-15 | |
| SA | Near P4 | Marsh | Unidentified Skimmer | <i>Orthetrum sp.</i> | 5 | 9-Apr-15 | |
| SA | Near P4 | Marsh | Yellow Featherlegs | <i>Copera marginipes</i> | 10 | 9-Apr-15 | |

Table B10.1. Representative habitat photographs within the 500m Study Area of Tai Wo.

| | |
|---|--|
| <p>Plate 1. Agricultural Land</p> | <p>Plate 2. Pond</p> |
|  |  |
| <p>Plate 3. Marsh</p> | <p>Plate 4. Mitigation Wetland</p> |
|  |  |
| <p>Plate 5. Watercourse</p> | <p>Plate 6. Seasonally Wet Grassland</p> |
|  |  |
| <p>Plate 7. Grassland</p> | <p>Plate 8. Grassland/Shrubland</p> |
|  |  |









| | |
|---|--|
| Plate 9. Secondary Woodland | Plate 10. Orchard |
|  A photograph showing a dense thicket of green vegetation and trees on a hillside. A dirt path is visible in the lower-left corner. A power line tower is visible in the background against a clear sky. |  A photograph of an orchard with several trees. A rectangular metal frame is set up in the foreground, possibly for a survey or measurement. The trees have green foliage. |
| Plate 11. Plantation | Plate 12. Waste Ground |
|  A photograph of a plantation area. A metal fence runs along a path. There are several young trees with thin trunks. A building with a red roof is visible in the background. |  A photograph of a large, open area of bare, reddish-brown earth, likely a waste ground or construction site. A yellow container and a dark van are visible in the background. Hills and buildings are visible in the distance. |
| Plate 13. Urban/Residential Area | |
|  A photograph of a residential area. A paved road leads towards several multi-story apartment buildings with balconies. The sky is clear and blue. | |

Table B11.1. Photographs of the species of conservation concern recorded within the 500m Study Area of Tai Wo.

| | |
|--|--|
| <p>Plate 1. <i>Aquilaria sinensis</i></p>  | <p>Plate 2. Leopard Cat (scat)</p>  |
| <p>Plate 3. Chinese Bullfrog (tadpole)</p>  | <p>Plate 4. Brown Wood Frog (tadpole)</p>  |
| <p>Plate 5. Marauder Clubtail (larva)</p>  | <p>Plate 6. Metallic Cerulean</p>  |

| | |
|--|---|
| Plate 7. Glassy Bluebottle | Plate 8. Small Snakehead |
|  |  |
| Plate 9. Chinese Rasbora | Plate 10. <i>Somaniathelphusa zanklon</i> |
|  |  |

Appendix C. Flora and fauna species recorded, and representative habitat photographs and photographs of the species of conservation concern taken within the 500m Study Area of Lin Fa Tei.

Table C1.1. Relative abundance of floral species recorded within the 500m Study Area of Lin Fa Tei.

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | |
|-------------------|--|--------------|---------------------|-------------------------------|----------------------------------|----|----|----|----|-------------------------|----|----|-----------------|-----|----|----|----|----|----|----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR |
| Bamboo | <i>Bambusa</i> spp. | 竹屬 | - | - | * | | | | | | | | | | * | | | | ** | ** |
| Bamboo | <i>Bambusa eutuldoide</i> | 大眼竹 | Exotic | Restricted | * | | | | | | | | | | | | | | | |
| Bamboo | <i>Bambusa ventricosa</i> | 佛肚竹 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Climber | <i>Cassytha filiformis</i> | 無根藤 | Native | Very common | * | | | | | | | | | | | | | | | |
| Climber | <i>Cocculus orbiculatus</i> | 木防己 | Native | Common | * | | * | * | | | | | | | | | | | ** | ** |
| Climber | <i>Epipremnum aureum</i> | 綠蘿 | Exotic | Planted | | * | | | | | | | | | * | * | | * | | |
| Climber | <i>Ficus pumila</i> | 薛荔 | Native | Very common | | | | | | | | | | | | | | | | * |
| Climber | <i>Hypserpa nitida</i> | 夜花藤 | Native | Very common | | | | | | | | | | | | | | | | * |
| Climber | <i>Millettia nitida</i> | 亮葉雞血藤 | Native | Very common | * | | | | | | | | | | | | | | | |
| Climber | <i>Passiflora suberosa</i> | 南美西番蓮 | Exotic | Common | | | * | | * | | | | | | | | | | | ** |
| Climber | <i>Pueraria lobata</i> | 野葛 | Native | Very common | ** | | | ** | ** | * | | * | * | | * | | ** | | ** | ** |
| Climber | <i>Pueraria lobata</i> var. <i>montana</i> | 葛麻姆 | Native | Common | * | | | | | | | | | | | | | | | |
| Climber | <i>Pueraria phaseoloides</i> | 三裂葉野葛 | Native | Very common | | | | | | | | | | | | | | * | | |
| Climber | <i>Pyrostegia venusta</i> | 炮仗花 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Climber | <i>Stephania longa</i> | 翼箕篤 | Native | Common | | | | | | | | | | | | | | | ** | |
| Climber/ Herb | <i>Lygodium japonicum</i> | 海金沙 | Native | Very common | | | * | | | | | | | | | | | | | |
| Climber/ Herb | <i>Mikania micrantha</i> | 薇甘菊 | Exotic | Very common | ** | | ** | ** | ** | | | ** | * | | * | | ** | * | ** | ** |
| Climber/ Herb | <i>Polygonum perfoliatum</i> | 杠板歸 | Native | Common | * | | | | | | | | | | | | | | | |
| Climber/ Shrub | <i>Bougainvillea spectabilis</i> | 籐杜鵑 | Exotic | Cultivated | | | | | | | | | | | * | | | * | | ** |
| Climber/ Shrub | <i>Celastrus hindsii</i> | 青江藤 | Native | Very common | | | | | | | | | | | * | | | | | |
| Climber/ Shrub | <i>Duranta erecta</i> | 假連翹 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Climber/ Shrub | <i>Monstera deliciosa</i> | 龜背竹 | Exotic | Often planted | | | * | | | | | | | | * | | | | | * |
| Climber/ Herb | <i>Rubus parvifolius</i> | 茅莓 | Native | Common | | | | | * | | | | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | | |
|-------------------|---|--------------|---------------------|-------------------------------|----------------------------------|----|----|-----|-----|-------------------------|----|----|-----------------|-----|----|----|----|----|-----|-----|-----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR | |
| Shrub | | | | | | | | | | | | | | | | | | | | | |
| Climber/ Shrub | <i>Sageretia thea</i> | 雀梅藤 | Native | Very common | * | | | | | | | | | | | | | | | | |
| Climber/ Shrub | <i>Schefflera arboricola</i> | 鵝掌藤 | Exotic | Often planted | | | | | | | | | | | | | | | | | ** |
| Climber/ Shrub | <i>Zanthoxylum nitidum</i> | 兩面針 | Native | Very common | * | ** | | | | | | | | | ** | | | | | | * |
| Herb | <i>Ageratum conyzoides</i> | 藿香薊 | Exotic | Common | ** | * | | ** | | | | ** | | *** | ** | | * | | | ** | |
| Herb | <i>Ageratum houstonianum</i> | 熊耳草 | Exotic | Common | * | | | * | | | | | | | | | | | | | |
| Herb | <i>Allium fistulosum</i> | 蔥 | Exotic | Cultivated | | | | | | | | | | | | | * | | | | * |
| Herb | <i>Alocasia macrorrhizos</i> | 海芋 | Native | Very common | ** | * | ** | | * | | | * | * | | * | | ** | ** | ** | ** | *** |
| Herb | <i>Alternanthera philoxeroides</i> | 空心萹 | Exotic | Common | ** | | | | | | | ** | | | | | | | | | |
| Herb | <i>Alternanthera sessilis</i> | 蝦鉗菜 | Native | Common | *** | | | | | | | ** | | | | | | | | | *** |
| Herb | <i>Alysicarpus vaginalis</i> | 鏈莢豆 | Native | Very common | | | | | | | | | | | * | | | | | | |
| Herb | <i>Amaranthus viridis</i> | 野萹 | Native | Very common | ** | | | | | ** | | | | | | | | * | ** | ** | ** |
| Herb | <i>Anisomeles indica</i> | 廣防風 | Native | Common | | | | | | * | | | | | | | | | | | |
| Herb | <i>Aster subulatus</i> | 鑽形紫菀 | Exotic | Naturalized | | | | | | | | ** | | | | | | | | * | |
| Herb | <i>Asystasia micrantha</i> | 小花十萬錯 | Exotic | Cultivated or naturalized | | | | | | | | | | | | | | | | | * |
| Herb | <i>Beta vulgaris</i> var. <i>cicla</i> | 蒼蘆菜 | Native | Cultivated | | | | | | | | | | | | | | | | | * |
| Herb | <i>Bidens alba</i> | 白花鬼針草 | Exotic | Very common | *** | | ** | *** | *** | | | ** | ** | ** | ** | | ** | ** | *** | *** | *** |
| Herb | <i>Blechnum orientale</i> | 烏毛蕨 | Native | Very common | * | | | | | | | | | | | | | | | | * |
| Herb | <i>Bothriochloa bladhii</i> | 臭根子草 | Native | Very common | | | | | | | | * | | | | | | | | *** | ** |
| Herb | <i>Bothriochloa ischaemum</i> | 白羊草 | Native | Common | | | | | | | | | | | | | | | | | * |
| Herb | <i>Brachiaria mutica</i> | 巴拉草 | Exotic | Very common | *** | | | | | | | ** | *** | *** | | | | | | ** | |
| Herb | <i>Brassica chinensis</i> | 白菜 | Exotic | Cultivated | | | | | | ** | | | | | | | | | | | * |
| Herb | <i>Brassica juncea</i> | 芥菜 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |
| Herb | <i>Brassica oleracea</i> var. <i>capitata</i> | 椰菜 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |
| Herb | <i>Brassica parachinensis</i> | 菜心 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |
| Herb | <i>Caladium bicolor</i> | 花葉芋 | Exotic | Planted | | | | | | | | | | | * | | | | | | |
| Herb | <i>Callipteris esculenta</i> | 菜蕨 | Native | Common | * | | | | | | | | | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | |
|-------------|---|--------------|---------------------|-------------------------------|----------------------------------|----|----|----|----|-------------------------|-----|-----|-----------------|-----|----|----|-----|-----|-----|----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR |
| Herb | <i>Cardamine flexuosa</i> | 碎米薺 | Native | Common | * | | * | | | | | | | | | | | | | * |
| Herb | <i>Celosia argentea</i> | 青葙 | Native | Very common | | | | | | | | * | | | | | | | | * |
| Herb | <i>Chenopodium album</i> | 藜 | Native | Restricted | * | | | * | | | | | | | | | | | | |
| Herb | <i>Chenopodium ficifolium</i> | 小藜 | Native | Restricted | | | | | | | | | | | | | | | | * |
| Herb | <i>Chloris barbata</i> | 孟仁草 | Native | Very common | | | | | | | | | | | | | ** | *** | ** | |
| Herb | <i>Coix lacryma-jobi</i> | 薏苡 | Native | Common | * | | | * | | | | | | | | | | | * | * |
| Herb | <i>Colocasia esculenta</i> | 芋 | Native | Cultivated | ** | | | | | | ** | | *** | * | | | | | | |
| Herb | <i>Commelina diffusa</i> | 節節草 | Native | Common | *** | | ** | ** | | | ** | *** | | | | | | | * | * |
| Herb | <i>Conyza sumatrensis</i> | 蘇門白酒草 | Exotic | Common | | | | | | | | ** | | | | | *** | | *** | ** |
| Herb | <i>Crassocephalum crepidioides</i> | 野苧蒿 | Exotic | Common | | | | | | | | | | * | | * | | | * | |
| Herb | <i>Cuscuta chinensis</i> | 菟絲子 | Native | Common | * | | | ** | | | ** | * | | | | | | | * | * |
| Herb | <i>Cyclosorus interruptus</i> | 間斷毛蕨 | Native | Common | ** | | | * | | | *** | | ** | | | | | | * | * |
| Herb | <i>Cyclosorus parasiticus</i> | 華南毛蕨 | Native | Very common | * | ** | * | | | | * | ** | | | | * | | | | ** |
| Herb | <i>Cymbopogon tortilis</i> | 扭鞘香茅 | Native | Very common | | | | | | | | | | | | | | | * | |
| Herb | <i>Cynodon dactylon</i> | 狗牙根 | Native | Very common | | | | | ** | | | | | | | | | | ** | ** |
| Herb | <i>Cyperus involucratus</i> | 風車草 | Exotic | Cultivated or naturalized | | | | | | | | | | | | | | | * | |
| Herb | <i>Cyperus iria</i> | 碎米莎草 | Native | Common | | | | | | | | * | | | | | | | | |
| Herb | <i>Daucus carota</i> var. <i>sativa</i> | 胡蘿蔔 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Herb | <i>Dicranopteris pedata</i> | 芒萁 | Native | Very common | | | | | | | | | | *** | | | | | | |
| Herb | <i>Digitaria ciliaris</i> | 升馬唐 | Native | Very common | | | | | | | | | | | | * | | | | ** |
| Herb | <i>Drymaria cordata</i> | 荷蓮豆 | Native | Common | ** | * | | | | | | | | | | | | | * | |
| Herb | <i>Duchesnea indica</i> | 蛇莓 | Native | Restricted | | | | | | | | | | | | | | | * | |
| Herb | <i>Eclipta prostrata</i> | 鱧腸 | Native | Common | * | * | | | | | | ** | | | | | | | | |
| Herb | <i>Eleusine indica</i> | 牛筋草 | Native | Very common | ** | | | ** | | | | | | ** | * | | | ** | ** | ** |
| Herb | <i>Emilia sonchifolia</i> | 一點紅 | Native | Very common | | | | | | | | | | | | | | | | ** |
| Herb | <i>Eragrostis atrovirens</i> | 鼠婦草 | Native | Common | | | | | | | | | | | | | | | | * |
| Herb | <i>Eragrostis tenella</i> | 鯽魚草 | Native | Very common | | | | | | | | | | | | | | | | * |
| Herb | <i>Euphorbia hirta</i> | 大飛揚草 | Exotic | Very common | * | | | | * | | | | | | | | | | | ** |
| Herb | <i>Euphorbia hypericifolia</i> | 通奶草 | Native | Common | | | | | | | | * | | | | | | | * | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | |
|-------------|--|--------------|---------------------|------------------------------------|----------------------------------|----|----|----|----|-------------------------|----|----|-----------------|-----|----|----|----|----|----|----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR |
| Herb | <i>Euphorbia thymifolia</i> | 小飛揚 | Native | Very common | | | | | | | | | * | | | | | | | ** |
| Herb | <i>Hedychium coronarium</i> | 薑花 | Exotic | Common | | | | | | ** | | ** | | | | | | | | * |
| Herb | <i>Hedyotis auricularia</i> | 耳草 | Native | Common | | * | | | | | | | | | * | * | | | ** | ** |
| Herb | <i>Hedyotis diffusa</i> | 白花蛇舌草 | Native | Very common | | | | | | | | | | | | | | | | * |
| Herb | <i>Hylocereus undatus</i> | 量天尺 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Herb | <i>Imperata cylindrica</i> var. <i>major</i> | 絲茅 | Native | Very common | ** | | | | | | | | ** | | | | | | ** | ** |
| Herb | <i>Ipomoea cairica</i> | 五爪金龍 | Exotic | Very common | ** | | ** | ** | ** | | | | ** | | ** | | | ** | ** | ** |
| Herb | <i>Ipomoea triloba</i> | 三裂葉薯 | Exotic | Common | | | | | | | | | | | | * | | | * | * |
| Herb | <i>Kalanchoe pinnata</i> | 落地生根 | Exotic | Common, cultivated and naturalized | * | | | | | | | | | | | | | | | |
| Herb | <i>Kyllinga brevifolia</i> | 短葉水蜈蚣 | Native | Common | | | | | | | | | * | | | | | | | |
| Herb | <i>Kyllinga nemoralis</i> | 單穗水蜈蚣 | Native | Very common | * | | | * | | | | | | | | | | | | |
| Herb | <i>Kyllinga polyphylla</i> | 香根水蜈蚣 | Exotic | Common | ** | | | | | | | ** | ** | | | | | | ** | ** |
| Herb | <i>Lactuca sativa</i> | 生菜 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Herb | <i>Lactuca sativa</i> var. <i>longifolia</i> | 油麥菜 | Exotic | Cultivated | | | | | | * | | | | | | | | | | |
| Herb | <i>Lemna minor</i> | 浮萍 | Native | Restricted | * | | | | | | | | | | | | | | | |
| Herb | <i>Leonurus japonicus</i> | 益母草 | Native | Restricted | | | | | | * | | | | | | | | | | |
| Herb | <i>Lepidium virginicum</i> | 北美獨行菜 | Native | Restricted | * | | | | | | | * | * | | | | | | | |
| Herb | <i>Lindernia antipoda</i> | 泥花草 | Native | Common | * | | | * | | | | | * | | | | | | | * |
| Herb | <i>Lophatherum gracile</i> | 淡竹葉 | Native | Very common | * | ** | | | | | | | | | | | | | * | |
| Herb | <i>Ludwigia hyssopifolia</i> | 草龍 | Native | Restricted | | | | | | | | | | | | | | | * | |
| Herb | <i>Ludwigia octovalvis</i> | 毛草龍 | Native | Common | | | | | | | | | | | | | | | * | * |
| Herb | <i>Ludwigia perennis</i> | 細花丁香蓼 | Native | Restricted | | | | | | | | | * | | | | | | | |
| Herb | <i>Lycopersicon esculentum</i> | 蕃茄 | Exotic | Cultivated | | | | | * | | | | | | | | | | | |
| Herb | <i>Macrothelypteris torresiana</i> | 普通針毛蕨 | Native | Very common | | | | | | | | | | | | | | | * | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | | |
|-------------|--|--------------|---------------------|-------------------------------|----------------------------------|----|----|-----|----|-------------------------|----|-----|-----------------|-----|-----|----|----|----|-----|----|----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR | |
| Herb | <i>Maranta arundinacea</i> | 竹芋 | Exotic | Cultivated | | | | | | | | | | | | | * | | | | |
| Herb | <i>Melinis repens</i> | 紅毛草 | Exotic | Very common | | | | | | | | | * | | * | | | | ** | ** | |
| Herb | <i>Microstegium ciliatum</i> | 剛莠竹 | Native | Very common | *** | | | *** | | | | *** | *** | | *** | | * | | ** | ** | |
| Herb | <i>Mimosa pudica</i> | 含羞草 | Exotic | Very common | | | | | | | | | | | * | | | | *** | | |
| Herb | <i>Miscanthus floridulus</i> | 五節芒 | Native | Common | | | | | * | | | ** | | | | | | | * | * | |
| Herb | <i>Miscanthus sinensis</i> | 芒 | Native | Very common | | | | | | | | | | | ** | | | | * | * | |
| Herb | <i>Musa x paradisiaca</i> | 大蕉 | Exotic | Cultivated | ** | | ** | | | | | | | | * | | ** | * | ** | ** | |
| Herb | <i>Nelumbo nucifera</i> | 荷花 | Exotic | Cultivated | | | | | | | | *** | | | | | | | | | |
| Herb | <i>Neyraudia reynaudiana</i> | 類蘆 | Native | Very common | ** | | | | | | | | | | ** | | * | * | ** | * | |
| Herb | <i>Nymphaea spp.</i> | 睡蓮 | Exotic | Cultivated | | | | | | | | *** | | | | | | | | | |
| Herb | <i>Oxalis corniculata</i> | 酢醬草 | Native | Very common | * | * | * | | | * | | | | | | | ** | | | | ** |
| Herb | <i>Oxalis debilis</i> subsp. <i>corymbosa</i> | 紅花酢醬草 | Exotic | Common | * | | | | | | | * | | | | | | | * | * | |
| Herb | <i>Paederia scandens</i> | 雞矢藤 | Native | Very common | | | | | | | | | | | | | | | | | ** |
| Herb | <i>Panicum brevifolium</i> | 短葉黍 | Native | Very common | * | | | * | | | | | | | | | | | | | ** |
| Herb | <i>Panicum maximum</i> | 大黍 | Exotic | Very common | *** | ** | | *** | ** | | | | *** | | *** | | | ** | *** | ** | |
| Herb | <i>Paspalum distichum</i> | 雙穗雀稗 | Native | Common | | | | | | | | | ** | | | | | | | | |
| Herb | <i>Paspalum scrobiculatum</i> var. <i>orbiculare</i> | 圓果雀稗 | Native | Very common | | | | | | | | | * | | | | | | | | |
| Herb | <i>Pennisetum purpureum</i> | 象草 | Exotic | Very common | ** | | | *** | | | | | ** | | ** | | | | * | * | |
| Herb | <i>Pilea microphylla</i> | 小葉冷水花 | Exotic | Very common | * | | | | | | | | * | | | | | | | | * |
| Herb | <i>Plantago major</i> | 車前草 | Native | Very common | * | | | | | | | | | | * | | | | | | * |
| Herb | <i>Polygonum barbatum</i> | 毛蓼 | Native | Common | | | | | | | | * | | | | | | | | | |
| Herb | <i>Polygonum chinense</i> | 火炭母 | Native | Very common | ** | * | | | | | | ** | | * | * | * | | | * | ** | |
| Herb | <i>Polygonum lapathifolium</i> | 大馬蓼 | Native | Common | | | | | | | | * | | | | | | | | | |
| Herb | <i>Polygonum pubescens</i> | 短毛蓼 | Native | Common | * | | | | | | | | | | | | | | | | |
| Herb | <i>Pteris semipinnata</i> | 半邊旗 | Native | Very common | * | | | | | | | | | | | | | | | | |
| Herb | <i>Pteris vittata</i> | 蜈蚣草 | Native | Very common | | | | | | | | | | | | | | | | | * |
| Herb | <i>Ranunculus sceleratus</i> | 石龍芮 | Native | Restricted | * | | | | | | | * | * | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | |
|-------------|---|--------------|---------------------|--------------------------------|----------------------------------|----|----|----|----|-------------------------|----|----|-----------------|-----|----|----|----|-----|-----|-----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR |
| Herb | <i>Raphanus sativus</i> | 蘿蔔 | Exotic | Cultivated | | | | | | * | | | | | | | * | | | * |
| Herb | <i>Rorippa indica</i> | 蔊菜 | Native | Common | * | | | | | | | | * | | | | | | | |
| Herb | <i>Rumex trisetifer</i> | 長刺酸模 | Native | Common | * | * | | | | | | * | * | | | | * | | | * |
| Herb | <i>Ruta graveolens</i> | 臭草 | Exotic | Cultivated | | | | | | * | | | | | | | | | | |
| Herb | <i>Saccharum officinarum</i> | 甘蔗 | Exotic | Cultivated | | | | | | ** | | | | | | | | | | * |
| Herb | <i>Senna tora</i> | 決明 | Exotic | Common | | | | | | | | | | | | | | | | * |
| Herb | <i>Sesbania cannabina</i> | 田菁 | Exotic | Common | | | | | | | | | | | | | | | * | ** |
| Herb | <i>Sida acuta</i> | 黃花稔 | Native | Common | | | | | | | | | | | | | | | * | |
| Herb | <i>Solanum americanum</i> | 少花龍葵 | Exotic | Very common | ** | | | | | | | | ** | | | | | | ** | ** |
| Herb | <i>Sonchus arvensis</i> | 苣荬菜 | Native | Very common | | | * | | | | | | | | | | | | | ** |
| Herb | <i>Sonchus oleraceus</i> | 苦苣菜 | Exotic | Very common | * | | | | | | | | | | | | | | * | * |
| Herb | <i>Spilanthes paniculata</i> | 金鈕扣 | Native | Common | * | | | | | | | | ** | | | | | | * | |
| Herb | <i>Syngonium auritum</i> | 長耳合果芋 | Exotic | Commonly cultivated | | | ** | | * | | | | | * | | * | * | | | * |
| Herb | <i>Tradescantia spathacea</i> | 蚌花 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Herb | <i>Tridax procumbens</i> | 羽芒菊 | Exotic | Very common | | | | | | | | | ** | | | | | | * | |
| Herb | <i>Wedelia trilobata</i> | 三裂葉蟛蜞菊 | Exotic | Common, also widely cultivated | ** | | ** | | | | | | ** | | | | | | *** | *** |
| Herb | <i>Youngia japonica</i> | 黃鶉菜 | Native | Very common | * | | | | | | | | * | | | | | | * | * |
| Herb | <i>Zamioculcas zamiifolia</i> | 金錢樹 | Exotic | Planted | | | | | | | | | | | | | | | | * |
| Herb | <i>Zingiber officinale</i> | 薑 | Exotic | Cultivated | | | | | | * | | | | | | | * | | | |
| Herb/Shrub | <i>Crotalaria pallida</i> var. <i>obovata</i> | 豬屎豆 | Exotic | Common | | | | | | | | | | ** | | | | | | |
| Herb/Shrub | <i>Malvastrum coromandelianum</i> | 賽葵 | Native | Common | * | | | | ** | | | | | | | * | | * | * | * |
| Herb/Shrub | <i>Scoparia dulcis</i> | 野甘草 | Exotic | Common | | | | | | | * | | | * | | | | | | |
| Shrub | <i>Boehmeria nivea</i> | 芋麻 | Exotic | Common | ** | ** | | | | | | | | | * | | | | | |
| Shrub | <i>Calliandra haematocephala</i> | 紅絨球 | Exotic | Cultivated | | | * | | | | | | | | | | | *** | | *** |
| Shrub | <i>Caryota mitis</i> | 短穗魚尾葵 | Exotic | Cultivated | * | | | | | | | | | | | | | | | |
| Shrub | <i>Clerodendrum chinense</i> | 重瓣臭茉莉 | Native | Common | | | | | | | | | | | | | * | | | * |
| Shrub | <i>Codiaeum variegatum</i> | 變葉木 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | |
|-------------|---|--------------|---------------------|--|----------------------------------|----|----|----|----|-------------------------|----|----|-----------------|-----|----|----|-----|----|------|----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR |
| Shrub | <i>Cordyline fruticosa</i> | 朱蕉 | Exotic | Cultivated | * | | | | | | | | | | | | | | | ** |
| Shrub | <i>Dracaena sanderiana</i> | 富貴竹 | Exotic | - | * | ** | | | | | | | | | | | | | | * |
| Shrub | <i>Dypsis lutescens</i> | 散尾葵 | Exotic | Cultivated | | | | | * | | | | | | * | | | | | * |
| Shrub | <i>Ficus benjamina</i> cv. <i>Variegata</i> | 斑葉榕 | Exotic | Planted | | | | | | | | | | | | | | | | * |
| Shrub | <i>Flueggea virosa</i> | 白飯樹 | Native | Common | | | | | | | | | | * | | | | | * | * |
| Shrub | <i>Hibiscus rosa-sinensis</i> | 大紅花 | Exotic | Commonly cultivated | | | | | | | | | | | | | *** | | | ** |
| Shrub | <i>Hibiscus sabdariffa</i> | 玫瑰茄 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Shrub | <i>Holmskioldia sanguinea</i> | 冬紅花 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Shrub | <i>Ixora chinensis</i> | 龍船花 | Native | Restricted, also widely cultivated | | | | | | | | | | | | | *** | | | ** |
| Shrub | <i>Lantana camara</i> | 馬纓丹 | Exotic | Very common | * | | * | | | | | * | * | | ** | | ** | * | ** | ** |
| Shrub | <i>Malvaviscus arboreus</i> var. <i>penduliflorus</i> | 垂花懸鈴花 | Exotic | Commonly cultivated | | | | | | | | | | * | | | | | | |
| Shrub | <i>Phyllodium pulchellum</i> | 排錢草 | Native | Very common | | | | | | | | | | * | | | | | | |
| Shrub | <i>Ricinus communis</i> | 蓖麻 | Exotic | Restricted but often planted and naturalized | * | | | | | | | | | | | | * | | ** | |
| Shrub | <i>Rosa rugosa</i> | 玫瑰 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Shrub | <i>Solanum torvum</i> | 水茄 | Exotic | Common | | | * | | | | | | | | * | | | | ** | ** |
| Shrub | <i>Tadehagi triquetrum</i> | 葫蘆茶 | Native | Very common | | | | | | | | * | | | | | | | * | |
| Shrub | <i>Triumfetta rhomboidea</i> | 刺蒴麻 | Native | Common | | | | | | | | * | | | | | | | | |
| Shrub | <i>Urena lobata</i> | 肖梵天花 | Native | Common | | | | | | | | * | | | | | | | ** | |
| Shrub | <i>Urena procumbens</i> | 梵天花 | Native | Common | | | | | | | | | | | | | | | * | |
| Shrub | <i>Vitex rotundifolia</i> | 白背蔓荊 | Native | Common | | | | | | | | | | | | | | | * | |
| Shrub/Tree | <i>Aglaia odorata</i> | 米仔蘭 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Shrub/Tree | <i>Alangium chinense</i> | 八角楓 | Native | Common | | | | | | | | | | | | | * | | | |
| Shrub/Tree | <i>Bridelia tomentosa</i> | 土蜜樹 | Native | Very common | | | | | * | | | | | | * | | | * | ** | ** |
| Shrub/Tree | <i>Ficus hispida</i> | 對葉榕 | Native | Very common | ** | | ** | | | | | * | | ** | ** | | ** | ** | ** | ** |
| Shrub/Tree | <i>Ficus variolosa</i> | 變葉榕 | Native | Very common | | | | | | | | | | | | | | | | * |
| Shrub/Tree | <i>Leucaena leucocephala</i> | 銀合歡 | Exotic | Cultivated or naturalized | | ** | ** | | ** | | | ** | | | ** | | ** | ** | **** | ** |
| Shrub/Tree | <i>Ligustrum sinense</i> | 山指甲 | Exotic | Common, also | * | ** | * | | ** | | | * | | ** | ** | | * | * | * | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | |
|-------------|---|--------------|---------------------|--|----------------------------------|----|----|----|----|-------------------------|----|----|-----------------|-----|----|----|----|----|----|----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR |
| | | | | widely cultivated | | | | | | | | | | | | | | | | |
| Shrub/Tree | <i>Litsea cubeba</i> | 木薑子 | Native | Common | * | | | | | | | | | | ** | | | | | |
| Shrub/Tree | <i>Mallotus paniculatus</i> | 白楸 | Native | Very common | * | | * | | | | | | | * | | | | | | |
| Shrub/Tree | <i>Morus alba</i> | 桑 | Native | Common and cultivated | * | | | | | | | | | * | | | | | | * |
| Shrub/Tree | <i>Opuntia stricta</i> var. <i>dillenii</i> | 仙人掌 | Exotic | Common | | | | | | | | | | | | | | | | * |
| Shrub/Tree | <i>Osmanthus fragrans</i> | 桂花, 木犀 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Shrub/Tree | <i>Phyllanthus emblica</i> | 油甘子 | Native | Very common | | | | | | | | | | * | | | | | | |
| Shrub/Tree | <i>Schefflera heptaphylla</i> | 鴨腳木 | Native | Very common | | | | | | | | | | | ** | | * | | | * |
| Shrub/Tree | <i>Senna surattensis</i> | 黃槐 | Exotic | Often planted | | | | | * | | | | | | | | | | | |
| Shrub/Tree | <i>Trema tomentosa</i> | 山黃麻 | Native | Common | | ** | | | | | | | | | | | | | | |
| Tree | <i>Acacia confusa</i> | 台灣相思 | Exotic | Widely cultivated | | | | | * | | | | | | * | ** | | | | |
| Tree | <i>Ailanthus fordii</i> | 常綠臭椿 | Native | Regarded as Rare in Xing <i>et al.</i> (2000), protected under Cap. 96. Status in China as "Near Threatened" (AFCD 2003); recorded specimens were planted | | | | | | | | | | | | | | | | * |
| Tree | <i>Aleurites moluccana</i> | 石栗 | Exotic | Widely cultivated | * | | | | | | | | | | | | | | | * |
| Tree | <i>Alstonia scholaris</i> | 糖膠樹 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Tree | <i>Annona squamosa</i> | 番荔枝 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Tree | <i>Aquilaria sinensis</i> | 土沉香 | Native | Common, Protected under Cap. 586, listed as "Vulnerable" in China Plant Red Data Book, under State protection (Category II) in China (AFCD 2003, Pang <i>et al.</i> 2011), classified as "Vulnerable" on the IUCN Red List | | | | | | | | | * | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | |
|-------------|---|--------------|---------------------|--|----------------------------------|----|----|----|----|-------------------------|----|----|-----------------|-----|----|------|-----|----|----|-----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR |
| Tree | <i>Araucaria heterophylla</i> | 異葉南洋杉 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Tree | <i>Archontophoenix alexandrae</i> | 假檳榔 | Exotic | Commonly cultivated | * | | | | | | | | | | | | | * | | * |
| Tree | <i>Artocarpus heterophyllus</i> | 菠蘿蜜 | Exotic | Commonly planted for fruit | * | | | | | | | | | | | | *** | | | *** |
| Tree | <i>Averrhoa carambola</i> | 楊桃 | Exotic | Planted | | | | | | | | | | * | | | | | | * |
| Tree | <i>Bauhinia</i> spp. | 羊蹄甲屬 | - | - | | | | | | | | | | | | | | | | ** |
| Tree | <i>Bauhinia variegata</i> | 宮粉羊蹄甲 | Exotic | Cultivated | | | | | | | | ** | | | | | | ** | * | * |
| Tree | <i>Bauhinia variegata</i> var. <i>candida</i> | 白花洋紫荊 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Tree | <i>Bauhinia x blakeana</i> | 洋紫荊 | Native | Cultivated | | | | | ** | | | | | | | | | * | | |
| Tree | <i>Bischofia javanica</i> | 秋楓 | Native | Common | * | | | | | | | | | | | | | ** | | ** |
| Tree | <i>Bombax ceiba</i> | 木棉 | Exotic | Cultivated | | | | | | | | | | * | | | | * | * | * |
| Tree | <i>Broussonetia papyrifera</i> | 構樹 | Native | Very common | | | | | * | | | | | | | | | | | |
| Tree | <i>Carica papaya</i> | 番木瓜 | Exotic | Cultivated | | | | | ** | ** | | | | | | | ** | | | *** |
| Tree | <i>Caryota maxima</i> | 魚尾葵 | Exotic | Cultivated | | | * | | * | | | | | | | | | | | |
| Tree | <i>Casuarina equisetifolia</i> | 木麻黃 | Exotic | Cultivated | | | | | | | | | | * | | | | * | | |
| Tree | <i>Celtis sinensis</i> | 朴 | Native | Common and widely planted | | ** | ** | | * | * | | | * | * | ** | | | ** | ** | ** |
| Tree | <i>Cinnamomum burmannii</i> | 陰香 | Native | Common, also cultivated | | | | | | | | | | | | | | | | * |
| Tree | <i>Cinnamomum camphora</i> | 樟 | Native | Common, also cultivated | | * | | | | | | | | | | | | * | | ** |
| Tree | <i>Citrus maxima</i> | 柚 | Exotic | Cultivated | | | | | | | | | | | | | *** | | | * |
| Tree | <i>Citrus reticulata</i> | 桔 | Exotic | Cultivated | | | | | | * | | | | | | | ** | | | * |
| Tree | <i>Clausena lansium</i> | 黃皮 | Exotic | Cultivated | | * | | | | | | | | * | | | ** | | | * |
| Tree | <i>Crateva unilocularis</i> | 樹頭菜 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Tree | <i>Dimocarpus longan</i> | 龍眼 | Exotic | Restricted, but widely cultivated and semi-naturalised | * | * | ** | | ** | | | | | * | ** | **** | ** | * | * | ** |
| Tree | <i>Eriobotrya japonica</i> | 枇杷 | Exotic | Cultivated | | | | | | | | | | | | | | | | * |
| Tree | <i>Eucalyptus citriodora</i> | 檸檬桉 | Exotic | Cultivated | | | | | | | | | | | | | ** | | | * |
| Tree | <i>Ficus elastica</i> | 印度榕 | Exotic | Cultivated | | | | | * | | | | | | | | | | | * |
| Tree | <i>Ficus microcarpa</i> | 細葉榕 | Native | Common and | * | | | | * | | | | | * | | | | | * | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | | | |
|-------------|--|--------------|---------------------|---|----------------------------------|----|----|----|----|-------------------------|----|----|-----------------|-----|-----|----|-----|----|----|-----|----|----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR | | |
| | | | | widely cultivated | | | | | | | | | | | | | | | | | | |
| Tree | <i>Ficus religiosa</i> | 菩提樹 | Exotic | Restricted but widely planted and locally naturalized | * | | | | | | | | | | | | | | | | * | |
| Tree | <i>Ficus subpisocarpa</i> | 筆管榕 | Native | Common | * | | | | | | | | | | | | | | | | | * |
| Tree | <i>Ficus tinctoria</i> subsp. <i>gibbosa</i> | 斜葉榕 | Native | Restricted | | | | | | | | | | * | | | | | | | | |
| Tree | <i>Ficus variegata</i> | 青果榕 | Native | Common | | * | | | | | | | | | | | | | | | | |
| Tree | <i>Ficus virens</i> | 大葉榕 | Native | Common | | | | | | | | | | | | | | | * | | | * |
| Tree | <i>Hibiscus tiliaceus</i> | 黃槿 | Native | Very common | | | | | | | | | | | | | | | | *** | | |
| Tree | <i>Ilex rotunda</i> | 鐵冬青 | Exotic | Common | | | | | | | | | | | | | | | | | | * |
| Tree | <i>Juniperus chinensis</i> | 圓柏 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | * |
| Tree | <i>Juniperus chinensis</i> 'Kaizuca' | 龍柏 | Exotic | Cultivated | | | | | | | | | | * | | | | | | | | * |
| Tree | <i>Khaya senegalensis</i> | 非洲桃花心木 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | |
| Tree | <i>Lagerstroemia speciosa</i> | 大花紫薇 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | | * |
| Tree | <i>Liquidambar formosana</i> | 楓香 | Native | Common, also widely planted | | | | | | | | | | | | | | | | * | | |
| Tree | <i>Litchi chinensis</i> | 荔枝 | Exotic | Regarded as Restricted in Xing <i>et al.</i> (2000), widely cultivated for fruits, also planted in fung shui wood | | | | | | | * | | * | | * | * | *** | | | | | ** |
| Tree | <i>Litsea glutinosa</i> | 潺槁 | Native | Very common | | | | | | | | | | ** | *** | | | | | | | ** |
| Tree | <i>Livistona chinensis</i> | 蒲葵 | Exotic | Cultivated | * | | | | | | | | | | | | | | | | | * |
| Tree | <i>Macaranga tanarius</i> var. <i>tomentosa</i> | 血桐 | Native | Common | * | | ** | | ** | | | * | * | ** | ** | ** | ** | | | * | | ** |
| Tree | <i>Mangifera indica</i> | 杧果 | Exotic | Cultivated | * | | | | | | | | | | | | ** | | | | | * |
| Tree | <i>Manilkara zapota</i> | 人心果 | Exotic | Cultivated | | | | | | | | | | | | | | | | | | * |
| Tree | <i>Melaleuca cajuputi</i> subsp. <i>cumingiana</i> | 白千層 | Exotic | Cultivated | | | | | | | | | | * | | | | | | | * | |
| Tree | <i>Melia azedarach</i> | 苦楝 | Exotic | Cultivated or naturalized | * | | * | | * | | | | | * | | | | | | | ** | |
| Tree | <i>Michelia x alba</i> | 白蘭 | Exotic | Widely cultivated | | | | | | | | | | | | | | | | | | * |
| Tree | <i>Murraya paniculata</i> | 九里香 | Exotic | Cultivated or naturalized | | | | | | | | | | | | | | | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | | | Study Area ³ | | | | | | | | | | | |
|---|--------------------------------|--------------|---------------------|-------------------------------|----------------------------------|-----------|-----------|-----------|-----------|-------------------------|----------|-----------|-----------------|----------|-----------|-----------|-----------|-----------|-----------|------------|----|
| | | | | | WC ⁺ | SW | PL | WG | UR | AG | PO | MA | WC ⁺ | SWG | GR | SW | OR | PL | WG | UR | |
| Tree | <i>Pachira aquatica</i> | 瓜栗 | Exotic | Planted | | | | | | | | | | | | | | | | * | |
| Tree | <i>Peltophorum pterocarpum</i> | 盾柱木 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |
| Tree | <i>Phoenix loureiroi</i> | 刺葵 | Native | Common | * | * | | | | | | | | | * | | | | | | |
| Tree | <i>Phoenix roebelenii</i> | 日本葵 | Exotic | Cultivated | | | | | | | | | | | | | | | | | * |
| Tree | <i>Platycladus orientalis</i> | 側柏 | Exotic | Often planted | | | | | | | | | | | | * | | | | | * |
| Tree | <i>Plumeria rubra</i> | 雞蛋花 | Exotic | Commonly cultivated | | | | | | | | | | | | | | | | | * |
| Tree | <i>Podocarpus macrophyllus</i> | 羅漢松 | Native | Restricted | | | | | | | | | | | | | | | | | * |
| Tree | <i>Psidium guajava</i> | 番石榴 | Exotic | Common and often planted | | | | | | | * | | | * | | | * | * | * | * | * |
| Tree | <i>Roystonea regia</i> | 王棕 | Exotic | Often planted | | | | | | | | | | | | | | | | | * |
| Tree | <i>Sapium discolor</i> | 山烏柏 | Native | Very common | | | | | | | | | | | | | * | | | | |
| Tree | <i>Sapium sebiferum</i> | 烏柏 | Native | Common | | | | | | | * | | | | | | | | | * | |
| Tree | <i>Schefflera actinophylla</i> | 傘樹 | Exotic | Commonly planted | | | | | | | | | | | | | | | | | * |
| Tree | <i>Sterculia lanceolata</i> | 假蘋婆 | Native | Very common | | | | | | | | | | | | | | | | | * |
| Tree | <i>Syagrus romanzoffiana</i> | 皇后葵 | Exotic | Cultivated | | | | | * | | | | | | | | | | | | |
| Tree | <i>Syzygium jambos</i> | 蒲桃 | Exotic | Cultivated and naturalized | | | | | | | | | | | | | | | | | ** |
| Total number of species recorded | | | | 261 | 88 | 24 | 28 | 19 | 33 | 16 | 2 | 29 | 48 | 7 | 60 | 17 | 35 | 38 | 79 | 160 | |

Key for abundance: * = Scarce **** = Abundant, *** = Frequent, ** = Occasional,

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

- Origin of plant species refers to AFCD (2012).
- Status follows
 - Xing *et al.* (2000).
 - AFCD (2003).
 - AFCD (2007).
 - AFCD (2008).
 - AFCD (2009).
 - AFCD (2011).
 - Pang *et al.* (2011)
- Habitat: AG=Agricultural Land, PO=Pond, MA=Marsh, WC=Watercourse, SWG=Seasonally Wet Grassland, GR=Grassland, SW=Secondary Woodland, OR=Orchard, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table C2.1. Mean count of bird species recorded within the 500m Study Area of Lin Fa Tei.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | |
|---------------------------|--------------------------------|---|-------------------------------|----------------------------------|-----|-----|-------------------------|-----|-----------------|-----|----|-----|-----|-----|-----|-----------|
| | | | | WC ⁺ | WG | UR | AG | MA | WC ⁺ | SWG | GR | SW | PL | WG | UR | In Flight |
| Chinese Francolin | <i>Francolinus pintadeanus</i> | - | R | | | | | 0.2 | | | | | | | | |
| Black-crowned Night Heron | <i>Nycticorax nycticorax</i> | (LC) | P | | | | | | 0.2 | | | | | | | |
| Chinese Pond Heron | <i>Ardeola bacchus</i> | PRC (RC) | P | 0.3 | | | 0.7 | 0.3 | 0.3 | | | | | 0.2 | | |
| Eastern Cattle Egret | <i>Bubulcus coromandus</i> | (LC) | P | | | | | | | | | | | 0.5 | | |
| Grey Heron | <i>Ardea cinerea</i> | PRC | W | | | | | | 0.2 | | | | | | | |
| Little Egret | <i>Egretta garzetta</i> | PRC (RC) | P | 0.2 | | | 0.3 | | 0.2 | | | | | | | |
| Crested Serpent Eagle | <i>Spilornis cheela</i> | (LC), CRDB(VU) | R,M | | | | | | | | | | | | | 0.3 |
| Black Kite | <i>Milvus migrans</i> | (RC) | W,R | | | | | | | | | | | | | 0.3 |
| White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | - | R | | | 0.3 | | 0.3 | 0.3 | | | | 0.2 | 0.5 | | |
| Common Snipe | <i>Gallinago gallinago</i> | - | W | | | | 0.2 | | | | | | | | | |
| Green Sandpiper | <i>Tringa ochropus</i> | - | W | | | | | | 0.2 | | | | | | | |
| Domestic Pigeon | <i>Columba livia</i> | - | R | | | | | | 1.5 | | | | | | | |
| Spotted Dove | <i>Spilopelia chinensis</i> | - | R | | 0.5 | | 3.3 | | 1.2 | | | 0.2 | 0.2 | 4.3 | 4.8 | |
| Common Emerald Dove | <i>Chalcophaps indica</i> | CRDB(VU) | R | | | | | | | | | | 0.2 | | | |
| Greater Coucal | <i>Centropus sinensis</i> | CRDB(VU) | R | 0.2 | | | 0.2 | | | | | 0.2 | 0.5 | 0.8 | | |
| Lesser Coucal | <i>Centropus bengalensis</i> | CRDB(VU) | R | | 0.2 | | | 0.3 | | | | | 0.5 | 0.3 | | |
| Asian Koel | <i>Eudynamis scolopaceus</i> | - | Su,R | | | | 0.5 | | 0.8 | | | | | 0.7 | 0.5 | |
| Plaintive Cuckoo | <i>Cacomantis merulinus</i> | - | Su | | | | | | 0.2 | | | | | 0.2 | | |
| Large Hawk Cuckoo | <i>Hierococyx sparveroides</i> | - | Su | | | | 0.2 | 0.2 | | | | | 0.2 | 0.3 | 0.2 | |
| Savanna Nightjar | <i>Caprimulgus affinis</i> | - | Su,?W | | | | | | | | | | | 0.2 | | |
| Long-tailed Shrike | <i>Lanius schach</i> | - | R | | | | | 0.2 | | | | | | | | |
| Hair-crested Drongo | <i>Dicrurus hottentottus</i> | - | M,Su,W | | | | | | | | | | | 0.3 | | |
| Cinereous Tit | <i>Parus cinereus</i> | - | R | | | | | | | | | 0.3 | | 0.3 | | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | |
|-------------------------------|----------------------------------|---|-------------------------------|----------------------------------|-----|----|-------------------------|-----|-----------------|-----|-----|-----|-----|-----|-----|-----------|
| | | | | WC ⁺ | WG | UR | AG | MA | WC ⁺ | SWG | GR | SW | PL | WG | UR | In Flight |
| Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | - | R | 0.2 | 0.3 | | 4.5 | 0.2 | 0.2 | | | 1.0 | 1.0 | 6.0 | 2.5 | |
| Chinese Bulbul | <i>Pycnonotus sinensis</i> | - | R | | 0.2 | | 2.7 | | 0.2 | | | | 0.2 | 0.8 | 0.7 | |
| Barn Swallow | <i>Hirundo rustica</i> | - | SpM,Su | | 0.2 | | 0.5 | 0.2 | 0.2 | | | | | 4.2 | 2.5 | |
| Dusky Warbler | <i>Phylloscopus fuscatus</i> | - | W | | | | 0.2 | | | | | | | | | |
| Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | - | W | | | | | | 0.2 | | | | | 0.2 | | |
| Yellow-bellied Prinia | <i>Prinia flaviventris</i> | - | R | | 0.3 | | 2.0 | 0.3 | 0.2 | 0.2 | 0.2 | | | 5.7 | | |
| Plain Prinia | <i>Prinia inornata</i> | - | R | | | | | | | | | | | 0.5 | | |
| Common Tailorbird | <i>Orthotomus sutorius</i> | - | R | 0.2 | 0.2 | | 0.2 | 0.3 | 0.5 | | | | 0.3 | 2.3 | | |
| Masked Laughingthrush | <i>Garrulax perspicillatus</i> | - | R | 0.2 | 0.2 | | | 0.2 | 0.3 | | | 0.2 | 1.7 | 2.7 | 0.8 | |
| Black-throated Laughingthrush | <i>Garrulax chinensis</i> | - | R | | | | | | | | | | 0.3 | | | |
| Japanese White-eye | <i>Zosterops japonicus</i> | - | R,?W | 0.3 | 0.2 | | | | 0.2 | | | 0.2 | 1.2 | 5.5 | 2.5 | |
| Crested Myna | <i>Acridotheres cristatellus</i> | - | R | 0.2 | 0.2 | | | | | | | | | 2.0 | 4.8 | |
| Common Myna | <i>Acridotheres tristis</i> | - | R | | | | | | 0.2 | | | | | | 0.5 | |
| Black-collared Starling | <i>Gracupica nigricollis</i> | - | R | 0.2 | 0.2 | | 0.8 | 0.3 | 1.5 | 0.5 | | | 1.8 | 2.2 | 1.8 | |
| White-shouldered Starling | <i>Sturnia sinensis</i> | (LC) | M,W,Su | | | | 0.2 | | | | | | | | 0.2 | |
| Common Blackbird | <i>Turdus merula</i> | - | W,M | 0.2 | | | | | | | | | | | | |
| Oriental Magpie Robin | <i>Copsychus saularis</i> | - | R | | 0.2 | | 1.0 | 0.3 | 0.3 | | | 0.2 | 0.5 | 1.2 | 1.5 | |
| Daurian Redstart | <i>Phoenicurus aureoreus</i> | - | W | | | | 0.3 | | | | | | | 0.3 | | |
| Eurasian Tree Sparrow | <i>Passer montanus</i> | - | R | | | | | 0.3 | 0.3 | | | | 1.0 | 3.8 | 9.5 | |
| Scaly-breasted Munia | <i>Lonchura punctulata</i> | - | R | | | | | | | | | | | 0.7 | | |
| Grey Wagtail | <i>Motacilla cinerea</i> | - | W | | | | | | 0.5 | | | | | 0.3 | | |
| White Wagtail | <i>Motacilla alba</i> | - | W,R | 0.2 | | | 1.0 | | 1.2 | | | | | 0.5 | | |
| Olive-backed Pipit | <i>Anthus hodgsoni</i> | - | W | | | | 0.8 | | | | | 0.8 | 0.5 | 0.2 | | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | |
|---|-----------------|---|-------------------------------|----------------------------------|-----------|----------|-------------------------|-----------|-----------------|----------|----------|----------|-----------|-----------|-----------|-----------|
| | | | | WC ⁺ | WG | UR | AG | MA | WC ⁺ | SWG | GR | SW | PL | WG | UR | In Flight |
| Total number of species recorded | | | | 11 | 12 | 1 | 19 | 14 | 24 | 2 | 1 | 8 | 16 | 30 | 14 | 2 |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:
 - a. Fellowes *et al.* (2002): LC=Local Concern, PRC=Potential Regional Concern, RC=Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
 - b. Zheng and Wang (1998): VU=Vulnerable.
2. Principal status refers to Carey *et al.* (2001): R=resident; W=winter visitor; Su=summer visitor; M=migrant; Sp=spring; P=present all year, exact composition unknown; “?” = possible status.
3. Habitat: AG=Agricultural Land, MA=Marsh, WC=Watercourse, SWG=Seasonally Wet Grassland, GR=Grassland, SW=Secondary Woodland, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table C2.2. Raw data of bird species recorded on transects or at point count locations at the 500m Study Area of Lin Fa Tei.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| WLB | A2 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Greater Coucal | <i>Centropus sinensis</i> | 1 | 16-Mar-15 | |
| WLB | P2 | Urban/ Residential Area | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 2 | 16-Feb-15 | |
| WLB | P2 | Watercourse | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| WLB | P2 | Watercourse | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 16-Apr-15 | |
| WLB | P2 | Watercourse | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Apr-15 | |
| WLB | P3 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Feb-15 | |
| WLB | P3 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 16-Feb-15 | |
| WLB | P3 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Feb-15 | |
| WLB | P3 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Feb-15 | |
| WLB | P3 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Feb-15 | |
| WLB | T3 | Watercourse | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 10-Feb-15 | |
| WLB | T9 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 16-Feb-15 | |
| WLB | T9 | Watercourse | Common Blackbird | <i>Turdus merula</i> | 1 | 16-Feb-15 | |
| WLB | T9 | Watercourse | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Feb-15 | |
| WLB | T9 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 16-Mar-15 | |
| WLB | T9 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 16-Mar-15 | |
| WLB | T11 | Waste Ground | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 16-Apr-15 | |
| WLB | T11 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Apr-15 | |
| SA | P1 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Feb-15 | |
| SA | P1 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 3 | 16-Feb-15 | |
| SA | P1 | Waste Ground | Cinereous Tit | <i>Parus cinereus</i> | 2 | 16-Feb-15 | |
| SA | P1 | Waste Ground | Hair-crested Drongo | <i>Dicrurus hottentottus</i> | 2 | 16-Feb-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | P1 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Feb-15 | |
| SA | P1 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Mar-15 | |
| SA | P1 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 5 | 16-Mar-15 | |
| SA | P1 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 16-Mar-15 | |
| SA | P1 | Waste Ground | White Wagtail | <i>Motacilla alba</i> | 1 | 16-Apr-15 | |
| SA | P1 | Waste Ground | Large Hawk Cuckoo | <i>Hierococcyx sparveroides</i> | 1 | 16-Apr-15 | |
| SA | P1 | Waste Ground | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 16-Apr-15 | |
| SA | P1 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| SA | P1 | Waste Ground | Scaly-breasted Munia | <i>Lonchura punctulata</i> | 3 | 16-Apr-15 | |
| SA | P1 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 2 | 11-May-15 | |
| SA | P1 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 11-May-15 | |
| SA | P1 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 11-May-15 | |
| SA | P1 | Waste Ground | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 11-May-15 | |
| SA | P1 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 11-May-15 | |
| SA | P2 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 12 | 16-Feb-15 | |
| SA | P2 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 10 | 16-Feb-15 | |
| SA | P2 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 16-Feb-15 | |
| SA | P2 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Mar-15 | |
| SA | P2 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Mar-15 | |
| SA | P2 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Mar-15 | |
| SA | P2 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 16-Apr-15 | |
| SA | P2 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| SA | P2 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 11-May-15 | |
| SA | P2 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 11-May-15 | |
| SA | P2 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 11-May-15 | |
| SA | P2 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 11-May-15 | |
| SA | P2 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 11-May-15 | |
| SA | P2 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 11-May-15 | |
| SA | P2 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 11-May-15 | |
| SA | P2 | Waste Ground | Plain Prinia | <i>Prinia inornata</i> | 3 | 20-Jul-15 | |
| SA | P2 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 4 | 20-Jul-15 | |
| SA | P2 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 20-Jul-15 | |
| SA | P3 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------|-------------------------|---------------------------------|-----------|-----------|---------|
| SA | P3 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Mar-15 | |
| SA | P3 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 16-Mar-15 | |
| SA | P3 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Mar-15 | |
| SA | P3 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 16-Mar-15 | |
| SA | P3 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Apr-15 | |
| SA | P3 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 16-Apr-15 | |
| SA | P3 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| SA | P3 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Apr-15 | |
| SA | P3 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| SA | P4 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Feb-15 | |
| SA | P4 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 4 | 16-Feb-15 | |
| SA | P4 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Feb-15 | |
| SA | P4 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Feb-15 | |
| SA | P4 | Waste Ground | Greater Coucal | <i>Centropus sinensis</i> | 1 | 16-Feb-15 | |
| SA | P4 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 2 | 16-Mar-15 | |
| SA | P4 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 4 | 16-Mar-15 | |
| SA | P4 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Mar-15 | |
| SA | P4 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |
| SA | P4 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 16-Mar-15 | |
| SA | P4 | Plantation | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 16-Apr-15 | call |
| SA | P4 | Plantation | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 16-Apr-15 | |
| SA | P4 | Plantation | Large Hawk Cuckoo | <i>Hierococyx sparverioides</i> | 1 | 16-Apr-15 | |
| SA | P4 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| SA | P4 | Plantation | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Apr-15 | |
| SA | P4 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Jun-15 | |
| SA | P5 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 16-Feb-15 | |
| SA | P5 | Secondary Woodland | Greater Coucal | <i>Centropus sinensis</i> | 1 | 16-Feb-15 | |
| SA | P5 | Secondary Woodland | Cinereous Tit | <i>Parus cinereus</i> | 2 | 16-Feb-15 | |
| SA | P5 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| SA | P5 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Apr-15 | |
| SA | P5 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Apr-15 | |
| SA | P5 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 16-Apr-15 | |
| SA | P5 | Secondary Woodland | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 5 | 16-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------|-------------------------|--------------------------------|-----------|-----------|-----------|
| SA | P5 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Apr-15 | |
| SA | P6 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Feb-15 | |
| SA | P6 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Feb-15 | |
| SA | P6 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Feb-15 | |
| SA | P6 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 16-Feb-15 | |
| SA | P6 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Feb-15 | |
| SA | P6 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Feb-15 | |
| SA | P6 | Waste Ground | Daurian Redstart | <i>Phoenicurus aureus</i> | 1 | 16-Feb-15 | |
| SA | P6 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Mar-15 | |
| SA | P6 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Mar-15 | |
| SA | P6 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |
| SA | P6 | Waste Ground | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 16-Mar-15 | |
| SA | P6 | Waste Ground | Greater Coucal | <i>Centropus sinensis</i> | 1 | 16-Apr-15 | |
| SA | P6 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| SA | P6 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Apr-15 | |
| SA | P6 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| SA | P6 | Waste Ground | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 1 | 16-Apr-15 | |
| SA | P6 | Waste Ground | Greater Coucal | <i>Centropus sinensis</i> | 1 | 11-May-15 | |
| SA | P6 | Waste Ground | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 11-May-15 | |
| SA | P6 | Waste Ground | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 11-May-15 | |
| SA | P6 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 11-May-15 | |
| SA | P6 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 11-May-15 | |
| SA | P6 | Waste Ground | Scaly-breasted Munia | <i>Lonchura punctulata</i> | 1 | 11-May-15 | |
| SA | P6 | in flight | Black Kite | <i>Milvus migrans</i> | 1 | 16-Apr-15 | in flight |
| SA | P7 | Agricultural Land | Daurian Redstart | <i>Phoenicurus aureus</i> | 1 | 16-Feb-15 | |
| SA | P7 | Agricultural Land | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 16-Feb-15 | |
| SA | P7 | Agricultural Land | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Feb-15 | |
| SA | P7 | Agricultural Land | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Feb-15 | |
| SA | P7 | Agricultural Land | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 16-Feb-15 | |
| SA | P7 | Agricultural Land | Black-collared Starling | <i>Gracupica nigricollis</i> | 2 | 16-Feb-15 | |
| SA | P7 | Agricultural Land | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Mar-15 | |
| SA | P7 | Agricultural Land | Spotted Dove | <i>Spilopelia chinensis</i> | 3 | 16-Mar-15 | |
| SA | P7 | Agricultural Land | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|---------------------------|--------------------------------|-----------|-----------|---------|
| SA | P7 | Agricultural Land | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| SA | P7 | Agricultural Land | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Apr-15 | |
| SA | P7 | Agricultural Land | Asian Koel | <i>Eudynamys scolopaceus</i> | 1 | 16-Apr-15 | |
| SA | P7 | Agricultural Land | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Apr-15 | |
| SA | P7 | Agricultural Land | White-shouldered Starling | <i>Sturnia sinensis</i> | 1 | 11-May-15 | |
| SA | P7 | Agricultural Land | Greater Coucal | <i>Centropus sinensis</i> | 1 | 11-May-15 | |
| SA | P7 | Agricultural Land | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 11-May-15 | |
| SA | P7 | Agricultural Land | Asian Koel | <i>Eudynamys scolopaceus</i> | 1 | 11-May-15 | |
| SA | P7 | Agricultural Land | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 11-May-15 | |
| SA | P7 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 16-Mar-15 | |
| SA | T1 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 1 | 10-Feb-15 | |
| SA | T1 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 10-Feb-15 | |
| SA | T1 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Mar-15 | |
| SA | T1 | Plantation | Black-collared Starling | <i>Gracupica nigricollis</i> | 5 | 16-Mar-15 | |
| SA | T1 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 16-Mar-15 | |
| SA | T1 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 16-Mar-15 | |
| SA | T1 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Mar-15 | |
| SA | T1 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 20-Jul-15 | |
| SA | T1 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 3 | 20-Jul-15 | |
| SA | T1 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 20-Jul-15 | |
| SA | T1 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 11 | 20-Jul-15 | |
| SA | T1 | Urban/ Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 2 | 20-Jul-15 | |
| SA | T1 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 20-Jul-15 | |
| SA | T1 | Watercourse | Green Sandpiper | <i>Tringa ochropus</i> | 1 | 16-Feb-15 | |
| SA | T1 | Watercourse | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 16-Feb-15 | |
| SA | T1 | Watercourse | Black-collared Starling | <i>Gracupica nigricollis</i> | 3 | 16-Feb-15 | |
| SA | T1 | Watercourse | Asian Koel | <i>Eudynamys scolopaceus</i> | 1 | 16-Feb-15 | |
| SA | T1 | Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Feb-15 | |
| SA | T1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 16-Feb-15 | |
| SA | T1 | Watercourse | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 16-Mar-15 | |
| SA | T1 | Watercourse | Grey Heron | <i>Ardea cinerea</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 3 | 16-Apr-15 | |
| SA | T1 | Watercourse | Black-collared Starling | <i>Gracupica nigricollis</i> | 6 | 16-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------------|---------------------------|--------------------------------|-----------|-----------|---------|
| SA | T1 | Watercourse | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Asian Koel | <i>Eudynamys scolopaceus</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Common Tailorbird | <i>Orthotomus sutorius</i> | 2 | 16-Apr-15 | |
| SA | T1 | Watercourse | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Domestic Pigeon | <i>Columba livia</i> | 8 | 16-Apr-15 | |
| SA | T1 | Watercourse | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Plaintive Cuckoo | <i>Cacomantis merulinus</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 16-Apr-15 | |
| SA | T1 | Watercourse | Black-crowned Night Heron | <i>Nycticorax nycticorax</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Common Myna | <i>Acridotheres tristis</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Domestic Pigeon | <i>Columba livia</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Barn Swallow | <i>Hirundo rustica</i> | 1 | 11-May-15 | |
| SA | T1 | Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Jun-15 | |
| SA | T1 | Watercourse | Asian Koel | <i>Eudynamys scolopaceus</i> | 3 | 16-Jun-15 | |
| SA | T1 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 16-Jun-15 | |
| SA | T1 | Watercourse | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 20-Jul-15 | |
| SA | T2 | Seasonally Wet Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Mar-15 | |
| SA | T2 | Seasonally Wet Grassland | Black-collared Starling | <i>Gracupica nigricollis</i> | 3 | 16-Mar-15 | |
| SA | T2 | Urban/ Residential Area | Asian Koel | <i>Eudynamys scolopaceus</i> | 1 | 16-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 16-Feb-15 | |
| SA | T2 | Urban/ Residential Area | Asian Koel | <i>Eudynamys scolopaceus</i> | 1 | 16-Mar-15 | |
| SA | T2 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 16-Mar-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | T2 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Mar-15 | |
| SA | T2 | Waste Ground | Greater Coucal | <i>Centropus sinensis</i> | 1 | 16-Feb-15 | |
| SA | T2 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Feb-15 | |
| SA | T2 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 3 | 16-Feb-15 | |
| SA | T2 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Feb-15 | |
| SA | T2 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Feb-15 | |
| SA | T2 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| SA | T2 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Apr-15 | |
| SA | T2 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Apr-15 | |
| SA | T2 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Apr-15 | |
| SA | T2 | Waste Ground | White Wagtail | <i>Motacilla alba</i> | 1 | 16-Apr-15 | |
| SA | T2 | Waste Ground | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 16-Apr-15 | |
| SA | T2 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 5 | 11-May-15 | |
| SA | T2 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 11-May-15 | |
| SA | T2 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 11-May-15 | |
| SA | T2 | Waste Ground | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 11-May-15 | |
| SA | T2 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Jun-15 | |
| SA | T2 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 2 | 16-Feb-15 | |
| SA | T2 | Watercourse | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 16-Feb-15 | |
| SA | T3 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 10-Feb-15 | |
| SA | T3 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 10-Feb-15 | |
| SA | T3 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 16-Feb-15 | |
| SA | T3 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 16-Feb-15 | |
| SA | T3 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 2 | 16-Mar-15 | |
| SA | T3 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Mar-15 | |
| SA | T3 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 16-Mar-15 | |
| SA | T3 | Urban/ Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 2 | 16-Mar-15 | |
| SA | T3 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Mar-15 | |
| SA | T4 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Feb-15 | |
| SA | T4 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 16-Feb-15 | |
| SA | T4 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Feb-15 | |
| SA | T4 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 16-Feb-15 | |
| SA | T4 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|---------------------------|----------------------------------|-----------|-----------|-----------|
| SA | T4 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 16-Apr-15 | |
| SA | T5 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 2 | 16-Feb-15 | |
| SA | T5 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 16-Feb-15 | |
| SA | T5 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Feb-15 | |
| SA | T5 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 10 | 16-Mar-15 | |
| SA | T5 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Mar-15 | |
| SA | T5 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 5 | 16-Mar-15 | |
| SA | T5 | Urban/ Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 5 | 16-Mar-15 | |
| SA | T5 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Mar-15 | |
| SA | T5 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 16-Apr-15 | |
| SA | T5 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Apr-15 | |
| SA | T5 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 16-Apr-15 | |
| SA | T5 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 16-Apr-15 | |
| SA | T6 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 2 | 16-Apr-15 | |
| SA | T6 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Apr-15 | |
| SA | T6 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 16-Apr-15 | |
| SA | T6 | Waste Ground | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 16-Apr-15 | |
| SA | T6 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 16-Apr-15 | |
| SA | T6 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 16-Apr-15 | |
| SA | T7 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 16-Feb-15 | |
| SA | T7 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Feb-15 | |
| SA | T7 | Urban/ Residential Area | Common Myna | <i>Acridotheres tristis</i> | 3 | 16-Mar-15 | |
| SA | T7 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 3 | 16-Mar-15 | |
| SA | T7 | Urban/ Residential Area | White-shouldered Starling | <i>Sturnia sinensis</i> | 1 | 11-May-15 | |
| SA | T7 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 11-May-15 | |
| SA | T8 | in flight | Black Kite | <i>Milvus migrans</i> | 1 | 11-May-15 | in flight |
| SA | T8 | in flight | Crested Serpent Eagle | <i>Spilornis cheela</i> | 2 | 11-May-15 | in flight |
| SA | T8 | Marsh | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Eurasian Tree Sparrow | <i>Passer montanus</i> | 2 | 11-May-15 | |
| SA | T8 | Marsh | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 11-May-15 | |
| SA | T8 | Marsh | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 11-May-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | T8 | Marsh | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Long-tailed Shrike | <i>Lanius schach</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 11-May-15 | |
| SA | T8 | Marsh | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 16-Jun-15 | |
| SA | T8 | Marsh | Lesser Coucal | <i>Centropus bengalensis</i> | 2 | 16-Jun-15 | |
| SA | T8 | Marsh | Barn Swallow | <i>Hirundo rustica</i> | 1 | 16-Jun-15 | |
| SA | T8 | Marsh | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Jun-15 | |
| SA | T8 | Marsh | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 16-Jun-15 | |
| SA | T8 | Plantation | Greater Coucal | <i>Centropus sinensis</i> | 1 | 16-Apr-15 | |
| SA | T8 | Plantation | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 16-Apr-15 | |
| SA | T8 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 16-Apr-15 | |
| SA | T8 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Apr-15 | |
| SA | T8 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| SA | T8 | Plantation | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Apr-15 | |
| SA | T8 | Plantation | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Apr-15 | |
| SA | T8 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 16-Feb-15 | |
| SA | T8 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Feb-15 | |
| SA | T8 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 10 | 16-Feb-15 | |
| SA | T8 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 5 | 16-Feb-15 | |
| SA | T8 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Mar-15 | |
| SA | T8 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 2 | 20-Jul-15 | |
| SA | T8 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 3 | 20-Jul-15 | |
| SA | T8 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 4 | 16-Mar-15 | |
| SA | T8 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 16-Mar-15 | |
| SA | T8 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |
| SA | T8 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 16-Jun-15 | |
| SA | T8 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 16-Jun-15 | |
| SA | T8 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Jun-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------|-------------------------------|----------------------------------|-----------|-----------|---------|
| SA | T8 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Jun-15 | |
| SA | T8 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 16-Jun-15 | |
| SA | T8 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Jun-15 | |
| SA | T8 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Jun-15 | |
| SA | T8 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Jun-15 | |
| SA | T8 | Waste Ground | Savanna Nightjar | <i>Caprimulgus affinis</i> | 1 | 23-Jun-15 | call |
| SA | T8 | Waste Ground | Greater Coucal | <i>Centropus sinensis</i> | 1 | 20-Jul-15 | |
| SA | T8 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 20-Jul-15 | |
| SA | T8 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 20-Jul-15 | |
| SA | T8 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 8 | 20-Jul-15 | |
| SA | T8 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 20-Jul-15 | |
| SA | T8 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 2 | 20-Jul-15 | |
| SA | T9 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Mar-15 | |
| SA | T9 | Plantation | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 3 | 16-Mar-15 | |
| SA | T9 | Plantation | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 2 | 16-Mar-15 | |
| SA | T9 | Plantation | Common Emerald Dove | <i>Chalcophaps indica</i> | 1 | 11-May-15 | |
| SA | T9 | Plantation | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 16-Jun-15 | |
| SA | T9 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Mar-15 | |
| SA | T9 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 5 | 16-Mar-15 | |
| SA | T9 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Mar-15 | |
| SA | T9 | Waste Ground | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 16-Mar-15 | |
| SA | T9 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Mar-15 | |
| SA | T9 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Apr-15 | |
| SA | T9 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 16-Apr-15 | |
| SA | T9 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Apr-15 | |
| SA | T9 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Apr-15 | |
| SA | T9 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 11-May-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | T9 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Plaintive Cuckoo | <i>Cacomantis merulinus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 11-May-15 | |
| SA | T9 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Jun-15 | |
| SA | T9 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 1 | 16-Jun-15 | |
| SA | T9 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Jun-15 | |
| SA | T10 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Feb-15 | |
| SA | T10 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 16-Feb-15 | |
| SA | T10 | Plantation | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 16-Feb-15 | |
| SA | T10 | Plantation | Black-collared Starling | <i>Gracupica nigricollis</i> | 2 | 16-Feb-15 | |
| SA | T10 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Feb-15 | |
| SA | T10 | Plantation | Greater Coucal | <i>Centropus sinensis</i> | 1 | 16-Feb-15 | |
| SA | T10 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Feb-15 | |
| SA | T10 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 16-Mar-15 | |
| SA | T10 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Mar-15 | |
| SA | T10 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 4 | 16-Mar-15 | |
| SA | T11 | Grassland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Feb-15 | |
| SA | T11 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Feb-15 | |
| SA | T11 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Mar-15 | |
| SA | T11 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 5 | 16-Mar-15 | |
| SA | T11 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |
| SA | T11 | Plantation | Black-collared Starling | <i>Gracupica nigricollis</i> | 2 | 16-Mar-15 | |
| SA | T11 | Plantation | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 16-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Feb-15 | |
| SA | T11 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 5 | 16-Feb-15 | |
| SA | T11 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 16-Feb-15 | |
| SA | T11 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 16-Feb-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------|-------------------------|-----------------------------------|-----------|-----------|---------|
| SA | T11 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 16-Feb-15 | |
| SA | T11 | Waste Ground | White Wagtail | <i>Motacilla alba</i> | 1 | 16-Feb-15 | |
| SA | T11 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 16-Feb-15 | |
| SA | T11 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 16-Mar-15 | |
| SA | T11 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 16-Mar-15 | |
| SA | T11 | Waste Ground | Barn Swallow | <i>Hirundo rustica</i> | 6 | 16-Mar-15 | |
| SA | T11 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |
| SA | T11 | Waste Ground | Lesser Coucal | <i>Centropus bengalensis</i> | 1 | 11-May-15 | |
| SA | T11 | Waste Ground | Large Hawk Cuckoo | <i>Hierococcyx sparveriioides</i> | 1 | 11-May-15 | |
| SA | T11 | Waste Ground | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 11-May-15 | |
| SA | T11 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 11-May-15 | |
| SA | T11 | Waste Ground | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 11-May-15 | |
| SA | T11 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Jun-15 | |
| SA | T11 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Jun-15 | |
| SA | T11 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Jun-15 | |
| SA | T11 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 16-Jun-15 | |
| SA | T11 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Jun-15 | |
| SA | T11 | Waste Ground | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 16-Jun-15 | |
| SA | T12 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 16-Feb-15 | |
| SA | T12 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Feb-15 | |
| SA | T12 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Feb-15 | |
| SA | T12 | Waste Ground | Daurian Redstart | <i>Phoenicurus aureoreus</i> | 1 | 16-Feb-15 | |
| SA | T12 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Feb-15 | |
| SA | T12 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Feb-15 | |
| SA | T12 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 16-Feb-15 | |
| SA | T12 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Feb-15 | |
| SA | T12 | Waste Ground | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Mar-15 | |
| SA | T12 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 6 | 16-Mar-15 | |
| SA | T12 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 16-Mar-15 | |
| SA | T12 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Mar-15 | |
| SA | T12 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |
| SA | T12 | Waste Ground | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 16-Mar-15 | |
| SA | T12 | Waste Ground | Eastern Cattle Egret | <i>Bubulcus coromandus</i> | 3 | 16-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | T12 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 16-Apr-15 | |
| SA | T12 | Waste Ground | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Apr-15 | |
| SA | T12 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| SA | T11 | Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 2 | 16-Feb-15 | |
| SA | T13 | Agricultural Land | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 16-Feb-15 | |
| SA | T13 | Agricultural Land | Daurian Redstart | <i>Phoenicurus aureus</i> | 1 | 16-Feb-15 | |
| SA | T13 | Agricultural Land | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 16-Feb-15 | |
| SA | T13 | Agricultural Land | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Feb-15 | |
| SA | T13 | Agricultural Land | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 20 | 16-Feb-15 | |
| SA | T13 | Agricultural Land | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 10 | 16-Feb-15 | |
| SA | T13 | Agricultural Land | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 16-Feb-15 | |
| SA | T13 | Agricultural Land | Dusky Warbler | <i>Phylloscopus fuscatus</i> | 1 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Common Snipe | <i>Gallinago gallinago</i> | 1 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | White Wagtail | <i>Motacilla alba</i> | 2 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Spotted Dove | <i>Spilopelia chinensis</i> | 3 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Little Egret | <i>Egretta garzetta</i> | 1 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Olive-backed Pipit | <i>Anthus hodgsoni</i> | 5 | 16-Mar-15 | |
| SA | T13 | Agricultural Land | Barn Swallow | <i>Hirundo rustica</i> | 1 | 16-Apr-15 | |
| SA | T13 | Agricultural Land | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Apr-15 | |
| SA | T13 | Agricultural Land | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 11-May-15 | |
| SA | T13 | Agricultural Land | Barn Swallow | <i>Hirundo rustica</i> | 1 | 11-May-15 | |
| SA | T13 | Agricultural Land | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 11-May-15 | |
| SA | T13 | Agricultural Land | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 11-May-15 | |
| SA | T13 | Agricultural Land | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 11-May-15 | |
| SA | T13 | Agricultural Land | Large Hawk Cuckoo | <i>Hierococyx sparveriioides</i> | 1 | 16-Jun-15 | |
| SA | T13 | Agricultural Land | Barn Swallow | <i>Hirundo rustica</i> | 1 | 16-Jun-15 | |
| SA | T13 | Agricultural Land | Black-collared Starling | <i>Gracupica nigricollis</i> | 2 | 16-Jun-15 | |
| SA | T13 | Agricultural Land | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 16-Jun-15 | |
| SA | T13 | Agricultural Land | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 16-Jun-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|----------------------------------|-----------|-----------|---------|
| SA | T13 | Agricultural Land | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 16-Jun-15 | |
| SA | T13 | Agricultural Land | Spotted Dove | <i>Spilopelia chinensis</i> | 10 | 20-Jul-15 | |
| SA | T13 | Agricultural Land | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 5 | 20-Jul-15 | |
| SA | T13 | Agricultural Land | White Wagtail | <i>Motacilla alba</i> | 4 | 20-Jul-15 | |
| SA | T13 | Agricultural Land | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 20-Jul-15 | |
| SA | T13 | Agricultural Land | Little Egret | <i>Egretta garzetta</i> | 1 | 20-Jul-15 | |
| SA | T13 | Agricultural Land | Chinese Pond Heron | <i>Ardeola bacchus</i> | 2 | 20-Jul-15 | |
| SA | T13 | Plantation | Greater Coucal | <i>Centropus sinensis</i> | 1 | 16-Apr-15 | |
| SA | T13 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 16-Apr-15 | |
| SA | T13 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 16-Apr-15 | |
| SA | T13 | Urban/ Residential Area | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 11-May-15 | |
| SA | T13 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 11-May-15 | |
| SA | T13 | Urban/ Residential Area | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 11-May-15 | |
| SA | T13 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 11-May-15 | |
| SA | T13 | Urban/ Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 11-May-15 | |
| SA | T13 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 11-May-15 | |
| SA | T13 | Urban/ Residential Area | Black-collared Starling | <i>Gracupica nigricollis</i> | 1 | 11-May-15 | |
| SA | T13 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 3 | 20-Jul-15 | |
| SA | T13 | Urban/ Residential Area | Barn Swallow | <i>Hirundo rustica</i> | 5 | 20-Jul-15 | |
| SA | T13 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 3 | 20-Jul-15 | |
| SA | T13 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 20-Jul-15 | |

Table C3.1. Maximum count of reptile species recorded within the 500m Study Area of Lin Fa Tei.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | |
|---|-------------------------------|---|------------------------------------|----------------------------------|-------------------------|----------|----------|----------|
| | | | | WC ⁺ | GR | PL | WG | UR |
| Red-eared Slider | <i>Trachemys scripta</i> | Cap. 170 | Introduced and naturalised species | 1 | | | | |
| Changeable Lizard | <i>Calotes versicolor</i> | - | Common and widespread | | | 1 | 1 | 1 |
| Long-tailed Skink | <i>Eutropis longicaudata</i> | - | Fairly common and widespread | | 1 | 1 | | |
| Chinese Skink | <i>Plestiodon chinensis</i> | - | Common in many cultivated areas | | | | | 1 |
| Bowring's Gecko | <i>Hemidactylus bowringii</i> | - | Very common and widespread | | | | | 1 |
| Brook's Gecko | <i>Hemidactylus brookii</i> | - | Introduced species | | | | 2 | |
| Total number of species recorded | | | | 1 | 1 | 2 | 2 | 3 |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status.
 - a. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance.
2. Hong Kong status refers to Karsen *et al.* (1998).
3. Habitat: WC=Watercourse, GR=Grassland, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table C3.2. Raw data of reptile species recorded on transects or at point count locations at the 500m Study Area of Lin Fa Tei.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-------------------|-------------------------------|-----------|-----------|
| WLB | T9 | Watercourse | Red-eared Slider | <i>Trachemys scripta</i> | 1 | 16-Mar-15 |
| SA | T1 | Urban/Residential Area | Changeable Lizard | <i>Calotes versicolor</i> | 1 | 16-Mar-15 |
| SA | T1 | Plantation | Changeable Lizard | <i>Calotes versicolor</i> | 1 | 16-Apr-15 |
| SA | T1 | Plantation | Long-tailed Skink | <i>Eutropis longicaudata</i> | 1 | 11-May-15 |
| SA | T2 | Urban/Residential Area | Chinese Skink | <i>Plestiodon chinensis</i> | 1 | 16-Mar-15 |
| SA | T2 | Waste Ground | Changeable Lizard | <i>Calotes versicolor</i> | 1 | 16-Apr-15 |
| SA | T8 | Urban/Residential Area | Bowring's Gecko | <i>Hemidactylus bowringii</i> | 1 | 23-Jun-15 |
| SA | T11 | Grassland | Long-tailed Skink | <i>Eutropis longicaudata</i> | 1 | 16-Apr-15 |
| SA | T11 | Waste Ground | Brook's Gecko | <i>Hemidactylus brookii</i> | 2 | 23-Jun-15 |

Table C4.1. Maximum count of amphibian species recorded within the 500m Study Area of Lin Fa Tei.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | | |
|---|-----------------------------------|---|---|----------------------------------|-------------------------|----------|----------|----------|----------|
| | | | | WC ⁺ | AG | MA | SWG | WG | UR |
| Asian Common Toad | <i>Duttaphrynus melanostictus</i> | - | Widely distributed in Hong Kong | 3 | | | | 3 | |
| Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | - | Widely distributed from low to moderate altitudes in northern and central New Territories | 2 | 3 | 2 | 2 | 19 | 1 |
| Asiatic Painted Frog | <i>Kaloula pulchra</i> | - | Widely distributed in Hong Kong | | | | | 54 | 5 |
| Butler's Pigmy Frog | <i>Microhyla butleri</i> | - | Widely distributed in Hong Kong | | | | | 5 | |
| Ornate Pigmy Frog | <i>Microhyla fissipes</i> | - | Widely distributed in Hong Kong | | | 10 | | 23 | |
| Paddy Frog | <i>Fejervarya limnocharis</i> | - | Widely distributed in Hong Kong | 2 | | | | 19 | 5 |
| Günther's Frog | <i>Hylarana guentheri</i> | - | Widely distributed throughout Hong Kong | 1 | 3 | | | 21 | 2 |
| Brown Tree Frog | <i>Polypedates megacephalus</i> | - | Widely distributed throughout Hong Kong | | | 2 | | 12 | 2 |
| Total number of species recorded | | | | 4 | 2 | 3 | 1 | 8 | 5 |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status refers to IUCN (2015), Fellowes *et al.* (2002), China Red Data Book (Zhao 1998), Cap. 170 and Cap. 586.
2. Hong Kong status refers to AFCD (2015a).
3. Habitat: AG=Agricultural Land, MA=Marsh, WC=Watercourse, SWG=Seasonally Wet Grassland, WG=Waste Ground; UR=Urban/Residential Area.

Table C4.2. Raw data of amphibian species recorded on transects or at point count locations at the 500m Study Area of Lin Fa Tei.

| Work Limit Boundary (WLB)/Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|---|-------------------------------|--------------------------|-----------------------------|-----------------------------------|-----------|-----------|---------|
| WLB | A3 | Watercourse | Günther's Frog | <i>Hylarana guentheri</i> | 1 | 16-Mar-15 | |
| WLB | A3 | Watercourse | Paddy Frog | <i>Fejervarya limnocharis</i> | 2 | 16-Mar-15 | |
| WLB | A3 | Watercourse | Asian Common Toad | <i>Duttaphrynus melanostictus</i> | 3 | 16-Mar-15 | |
| WLB | A3 | Watercourse | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 2 | 16-Mar-15 | |
| SA | T2 | Seasonally Wet Grassland | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 2 | 11-May-15 | Call |
| SA | T4 | Waste Ground | Asian Common Toad | <i>Duttaphrynus melanostictus</i> | 1 | 23-Jun-15 | |
| SA | T4 | Waste Ground | Paddy Frog | <i>Fejervarya limnocharis</i> | 1 | 23-Jun-15 | Call |
| SA | T8 | Waste Ground | Günther's Frog | <i>Hylarana guentheri</i> | 10 | 23-Jun-15 | Call |
| SA | T8 | Waste Ground | Asiatic Painted Frog | <i>Kaloula pulchra</i> | 30 | 23-Jun-15 | Call |
| SA | T8 | Waste Ground | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 6 | 23-Jun-15 | Call |
| SA | T8 | Waste Ground | Brown Tree Frog | <i>Polypedates megacephalus</i> | 2 | 23-Jun-15 | Call |
| SA | T8 | Waste Ground | Ornate Pigmy Frog | <i>Microhyla fissipes</i> | 3 | 23-Jun-15 | Call |
| SA | T8 | Marsh | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 2 | 23-Jun-15 | Call |
| SA | T8 | Marsh | Brown Tree Frog | <i>Polypedates megacephalus</i> | 2 | 23-Jun-15 | Call |
| SA | T8 | Marsh | Ornate Pigmy Frog | <i>Microhyla fissipes</i> | 10 | 23-Jun-15 | Call |
| SA | T11 | Waste Ground | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 10 | 23-Jun-15 | Call |
| SA | T11 | Waste Ground | Asiatic Painted Frog | <i>Kaloula pulchra</i> | 20 | 23-Jun-15 | Call |
| SA | T11 | Waste Ground | Günther's Frog | <i>Hylarana guentheri</i> | 5 | 23-Jun-15 | Call |
| SA | T11 | Waste Ground | Paddy Frog | <i>Fejervarya limnocharis</i> | 15 | 23-Jun-15 | Call |
| SA | T11 | Waste Ground | Asian Common Toad | <i>Duttaphrynus melanostictus</i> | 1 | 23-Jun-15 | |
| SA | T11 | Waste Ground | Ornate Pigmy Frog | <i>Microhyla fissipes</i> | 20 | 23-Jun-15 | Call |
| SA | T11 | Waste Ground | Butler's Pigmy Frog | <i>Microhyla butleri</i> | 5 | 23-Jun-15 | Call |
| SA | T11 | Waste Ground | Brown Tree Frog | <i>Polypedates megacephalus</i> | 10 | 23-Jun-15 | Call |
| SA | T11 | Urban/ Residential Area | Günther's Frog | <i>Hylarana guentheri</i> | 2 | 23-Jun-15 | Call |
| SA | T11 | Urban/ Residential Area | Brown Tree Frog | <i>Polypedates megacephalus</i> | 2 | 23-Jun-15 | Call |
| SA | T11 | Urban/ Residential Area | Paddy Frog | <i>Fejervarya limnocharis</i> | 5 | 23-Jun-15 | Call |
| SA | T11 | Urban/ Residential Area | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 1 | 23-Jun-15 | Call |
| SA | T11 | Urban/ Residential Area | Asiatic Painted Frog | <i>Kaloula pulchra</i> | 2 | 23-Jun-15 | Call |
| SA | T12 | Waste Ground | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 1 | 23-Jun-15 | Call |
| SA | T12 | Waste Ground | Asiatic Painted Frog | <i>Kaloula pulchra</i> | 2 | 23-Jun-15 | Call |
| SA | T12 | Waste Ground | Paddy Frog | <i>Fejervarya limnocharis</i> | 3 | 23-Jun-15 | Call |

| Work Limit Boundary (WLB)/Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|---|-------------------------------|-------------------------|-----------------------------|-----------------------------------|-----------|-----------|---------|
| SA | T12 | Waste Ground | Asian Common Toad | <i>Duttaphrynus melanostictus</i> | 1 | 23-Jun-15 | Call |
| SA | T12 | Waste Ground | Günther's Frog | <i>Hylarana guentheri</i> | 6 | 23-Jun-15 | Call |
| SA | T13 | Agricultural Land | Günther's Frog | <i>Hylarana guentheri</i> | 3 | 23-Jun-15 | Call |
| SA | T13 | Agricultural Land | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 3 | 23-Jun-15 | Call |
| SA | T13 | Waste Ground | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 2 | 23-Jun-15 | Call |
| SA | T13 | Waste Ground | Asiatic Painted Frog | <i>Kaloula pulchra</i> | 2 | 23-Jun-15 | Call |
| SA | T13 | Urban/ Residential Area | Asiatic Painted Frog | <i>Kaloula pulchra</i> | 3 | 23-Jun-15 | Call |

Table C5.1. Mean count of dragonfly species recorded within the 500m Study Area of Lin Fa Tei.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | |
|---|---------------------------------|---|-------------------------------|----------------------------------|-------------------------|-----------------|----------|----------|-----------|----------|
| | | | | WC ⁺ | AG | WC ⁺ | SWG | OR | WG | UR |
| Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | - | Abundant | 1.3 | | | | | 0.3 | |
| Common Bluetail | <i>Ischnura senegalensis</i> | - | Abundant | | 0.7 | 0.3 | | | | |
| Black-kneed Featherlegs | <i>Pseudocoptera ciliata</i> | - | Common | 1.0 | | | | | 0.3 | |
| Yellow Featherlegs | <i>Copera marginipes</i> | - | Abundant | 4.7 | | | | | 0.7 | |
| Black Threadtail | <i>Prodasineura autumnalis</i> | - | Abundant | 1.0 | | | | | | |
| Pale-spotted Emperor | <i>Anax guttatus</i> | - | Common | | 0.3 | | | | | |
| Blue Dasher | <i>Brachydiplax chalybea</i> | - | Common | 0.3 | | | | | 0.3 | |
| Asian Amberwing | <i>Brachythemis contaminata</i> | - | Abundant | | | | | | 0.3 | |
| Crimson Darter | <i>Crocothemis servilla</i> | - | Abundant | | | 0.3 | | | | |
| Russet Percher | <i>Neurothemis fulvia</i> | - | Common | 0.3 | 0.3 | 0.3 | 0.3 | | | |
| Common Blue Skimmer | <i>Orthetrum glaucum</i> | - | Abundant | | | 1.0 | | | | |
| Common Red Skimmer | <i>Orthetrum pruinosum</i> | - | Abundant | 3.3 | 0.3 | 3.0 | | | 1.7 | 0.3 |
| Green Skimmer | <i>Orthetrum sabina</i> | - | Abundant | 0.3 | 0.3 | 1.0 | 0.3 | | 0.3 | |
| Wandering Glider | <i>Pantala flavescens</i> | - | Abundant | 0.3 | | | | 0.3 | 0.3 | 0.7 |
| Saddlebag Glider | <i>Tramea virginia</i> | - | Abundant | | 0.3 | | | | | |
| Crimson Dropwing | <i>Trithemis aurora</i> | - | Abundant | 0.7 | 1.0 | | | | 0.3 | |
| Indigo Dropwing | <i>Trithemis festiva</i> | - | Abundant | 1.0 | | 0.7 | | | 0.7 | |
| Dingy Dusk-darter | <i>Zygomma petiolatum</i> | - | Common | 0.3 | | | | | | |
| Total number of species recorded | | | | 12 | 7 | 7 | 2 | 1 | 10 | 2 |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status refers to IUCN (2015), Fellowes *et al.* (2002), Cap. 170 and Cap. 586.
2. Hong Kong status refers to AFCD (2015a).
3. Habitat: AG=Agricultural Land, WC=Watercourse, SWG=Seasonally Wet Grassland, OR=Orchard, WG=Waste Ground, UR=Urban/Residential Area.

Table C5.2. Raw data of dragonfly species recorded on transects or at point count locations at the 500m Study Area of Lin Fa Tei.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|--------------|-------------------------|--------------------------------|-----------|-----------|
| WLB | A2 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 16-Mar-15 |
| WLB | A2 | Watercourse | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 16-Mar-15 |
| WLB | T4 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 16-Mar-15 |
| WLB | T4 | Watercourse | Wandering Glider | <i>Pantala flavescens</i> | 1 | 16-Mar-15 |
| WLB | T4 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 16-Apr-15 |
| WLB | T4 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 2 | 16-Apr-15 |
| WLB | T9 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 3 | 16-Apr-15 |
| WLB | T9 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 5 | 16-Apr-15 |
| WLB | T9 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 16-Jun-15 |
| WLB | T9 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 1 | 16-Jun-15 |
| WLB | T9 | Watercourse | Dingy Dusk-darter | <i>Zygomma petiolatum</i> | 1 | 16-Jun-15 |
| WLB | T11 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 16-Mar-15 |
| WLB | T11 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 3 | 16-Apr-15 |
| WLB | T11 | Watercourse | Black Threadtail | <i>Prodasineura autumnalis</i> | 1 | 16-Apr-15 |
| WLB | T11 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 2 | 16-Apr-15 |
| WLB | T11 | Watercourse | Black-kneed Featherlegs | <i>Pseudocopera ciliata</i> | 3 | 16-Apr-15 |
| WLB | T11 | Watercourse | Blue Dasher | <i>Brachydiplax chalybea</i> | 1 | 16-Apr-15 |
| WLB | T11 | Watercourse | Indigo Dropwing | <i>Trithemis festiva</i> | 3 | 16-Jun-15 |
| WLB | T11 | Watercourse | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 16-Jun-15 |
| WLB | T11 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 3 | 16-Jun-15 |
| WLB | T11 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 4 | 16-Jun-15 |
| WLB | T11 | Watercourse | Black Threadtail | <i>Prodasineura autumnalis</i> | 2 | 16-Jun-15 |
| WLB | T11 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 16-Jun-15 |
| WLB | T11 | Watercourse | Russet Percher | <i>Neurothemis fulvia</i> | 1 | 16-Jun-15 |
| SA | P2 | Waste Ground | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 16-Mar-15 |
| SA | P2 | Waste Ground | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 16-Mar-15 |
| SA | P4 | Orchard | Wandering Glider | <i>Pantala flavescens</i> | 1 | 11-May-15 |
| SA | P7 | Watercourse | Russet Percher | <i>Neurothemis fulvia</i> | 1 | 16-Mar-15 |
| SA | P7 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 4 | 16-Mar-15 |
| SA | P7 | Watercourse | Crimson Darter | <i>Crocothemis servilia</i> | 1 | 16-Mar-15 |
| SA | P7 | Watercourse | Indigo Dropwing | <i>Trithemis festiva</i> | 1 | 16-Mar-15 |
| SA | P7 | Watercourse | Common Bluetail | <i>Ischnura senegalensis</i> | 1 | 16-Mar-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|--------------------------|-------------------------|---------------------------------|-----------|-----------|
| SA | T1 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 2 | 16-Apr-15 |
| SA | T1 | Watercourse | Common Blue Skimmer | <i>Orthetrum glaucum</i> | 3 | 16-Apr-15 |
| SA | T1 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 16-Apr-15 |
| SA | T1 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 11-May-15 |
| SA | T2 | Seasonally Wet Grassland | Russet Percher | <i>Neurothemis fulvia</i> | 1 | 11-May-15 |
| SA | T2 | Seasonally Wet Grassland | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 11-May-15 |
| SA | T2 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 2 | 16-Apr-15 |
| SA | T2 | Watercourse | Indigo Dropwing | <i>Trithemis festiva</i> | 1 | 11-May-15 |
| SA | T2 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 11-May-15 |
| SA | T2 | Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 11-May-15 |
| SA | T8 | Waste Ground | Asian Amberwing | <i>Brachythemis contaminata</i> | 1 | 11-May-15 |
| SA | T8 | Waste Ground | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 11-May-15 |
| SA | T8 | Waste Ground | Indigo Dropwing | <i>Trithemis festiva</i> | 1 | 11-May-15 |
| SA | T8 | Waste Ground | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 3 | 16-Jun-15 |
| SA | T8 | Waste Ground | Wandering Glider | <i>Pantala flavescens</i> | 1 | 16-Jun-15 |
| SA | T8 | Urban/Residential Area | Wandering Glider | <i>Pantala flavescens</i> | 1 | 16-Jun-15 |
| SA | T9 | Waste Ground | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 16-Jun-15 |
| SA | T9 | Waste Ground | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 16-Jun-15 |
| SA | T9 | Waste Ground | Indigo Dropwing | <i>Trithemis festiva</i> | 1 | 16-Jun-15 |
| SA | T11 | Urban/Residential Area | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 16-Jun-15 |
| SA | T11 | Urban/Residential Area | Wandering Glider | <i>Pantala flavescens</i> | 1 | 16-Jun-15 |
| SA | T12 | Waste Ground | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 1 | 16-Apr-15 |
| SA | T12 | Waste Ground | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 16-Apr-15 |
| SA | T12 | Waste Ground | Black-kneed Featherlegs | <i>Pseudocopera ciliata</i> | 1 | 16-Apr-15 |
| SA | T12 | Waste Ground | Blue Dasher | <i>Brachydiplax chalybea</i> | 1 | 16-Apr-15 |
| SA | T13 | Agricultural Land | Russet Percher | <i>Neurothemis fulvia</i> | 1 | 16-Mar-15 |
| SA | T13 | Agricultural Land | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 16-Mar-15 |
| SA | T13 | Agricultural Land | Crimson Dropwing | <i>Trithemis aurora</i> | 3 | 11-May-15 |
| SA | T13 | Agricultural Land | Saddlebag Glider | <i>Tramea virginia</i> | 1 | 11-May-15 |
| SA | T13 | Agricultural Land | Pale-spotted Emperor | <i>Anax guttatus</i> | 1 | 11-May-15 |
| SA | T13 | Agricultural Land | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 11-May-15 |
| SA | T13 | Agricultural Land | Common Bluetail | <i>Ischnura senegalensis</i> | 2 | 11-May-15 |

Table C6.1. Mean count of butterfly species recorded within the 500m Study Area of Lin Fa Tei.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | | | |
|--------------------------|------------------------------|---|-------------------------------|----------------------------------|-------------------------|-----|-----------------|-----|-----|-----|-----|-----|
| | | | | WC ⁺ | AG | MA | WC ⁺ | GR | PL | WG | UR | |
| Bush Hopper | <i>Ampittia dioscorides</i> | - | Uncommon | | | | | | | | 0.3 | |
| Purple Sapphire | <i>Heliophorus epicles</i> | - | Common | | | | | | 0.3 | | | |
| Pale Grass Blue | <i>Pseudozizeeria maha</i> | - | Very Common | | | | | | 1.0 | 2.3 | 2.7 | |
| Plain Tiger | <i>Danaus chrysippus</i> | - | Uncommon | | | | | | 0.3 | | | |
| Common Indian Crow | <i>Euploea core</i> | - | Common | 0.3 | | | | | | | 0.3 | |
| Ceylon Blue Glassy Tiger | <i>Ideopsis similis</i> | - | Very Common | | | 0.3 | | | | | | |
| Angled Castor | <i>Ariadne ariadne</i> | - | Common | | | | | | | | 0.3 | 1.3 |
| Rustic | <i>Cupha erymanthis</i> | - | Very Common | | | | | | | | 0.3 | |
| White-edged Blue Baron | <i>Euthalia phemius</i> | - | Common | | | | | | | | | 0.3 |
| Red-ring Skirt | <i>Hestina assimilis</i> | - | Common | | | | 0.3 | | | | | |
| Common Sailer | <i>Neptis hylas</i> | - | Very Common | | | | | | | | 0.3 | 0.3 |
| Common Palmfly | <i>Elymnias hypermnestra</i> | - | Common | | | | | | | | | 0.3 |
| Dark Evening Brown | <i>Melanitis phedima</i> | - | Uncommon | | | | 0.3 | | | | | |
| Dark-brand Bush Brown | <i>Mycalesis mineus</i> | - | Very Common | | | | | | | | 0.7 | 1.0 |
| Common Five-ring | <i>Ypthima baldus</i> | - | Very Common | | | | | | | | 1.0 | 1.3 |
| Common Mime | <i>Chilasa clytia</i> | - | Common | | 0.3 | | | 0.3 | | | | |
| Common Bluebottle | <i>Graphium sarpedon</i> | - | Very Common | | 0.3 | | | | | | | |
| Red Helen | <i>Papilio helenus</i> | - | Very Common | | | | | | | | 0.3 | |
| Great Mormon | <i>Papilio memnon</i> | - | Very Common | | | | | | 0.3 | 0.3 | | |
| Common Mormon | <i>Papilio polytes</i> | - | Very Common | | 0.3 | | | 1.0 | | | 1.0 | |
| Spangle | <i>Papilio protenor</i> | - | Very Common | | | | | | 0.3 | | | |
| Swallowtail | <i>Papilio xuthus</i> | - | Rare | | | | | | | | 0.3 | |
| Five-bar Swordtail | <i>Pathysa antiphates</i> | - | Common | | | | | | 0.3 | | | |
| Lemon Emigrant | <i>Catopsilia pomona</i> | - | Common | | 0.3 | | | | 0.3 | 0.3 | | |
| Mottled Emigrant | <i>Catopsilia pyranthe</i> | - | Very Common | | | | | | 0.7 | | | |
| Common Grass Yellow | <i>Eurema hecabe</i> | - | Very Common | 0.3 | 0.3 | | | | | | 0.3 | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | | | |
|---|------------------------|---|-------------------------------|----------------------------------|-------------------------|----------|-----------------|----------|----------|-----------|----------|--|
| | | | | WC ⁺ | AG | MA | WC ⁺ | GR | PL | WG | UR | |
| Red-base Jezebel | <i>Delias pasithoe</i> | - | Very Common | | | | | | | | 0.3 | |
| Indian Cabbage White | <i>Pieris canidia</i> | - | Very Common | 0.7 | 3.0 | | 1.0 | | 2.0 | 7.3 | 4.0 | |
| Total number of species recorded | | | | 3 | 6 | 1 | 3 | 2 | 9 | 16 | 8 | |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status refers to IUCN (2015), Fellowes *et al.* (2002), Cap. 170 and Cap. 586.
2. Hong Kong status refers Chan *et al.* (2011).
3. Habitat: AG=Agricultural Land, MA=Marsh, WC=Watercourse, GR=Grassland, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table C6.2. Raw data of butterfly species recorded on transects or at point count locations at the 500m Study Area of Lin Fa Tei.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-----------------------|----------------------------|-----------|-----------|
| WLB | T3 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 10-Feb-15 |
| WLB | T3 | Watercourse | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 10-Feb-15 |
| WLB | T11 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 16-Jun-15 |
| WLB | T11 | Watercourse | Common Indian Crow | <i>Euploea core</i> | 1 | 16-Jun-15 |
| SA | P1 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 2 | 5-Mar-15 |
| SA | P1 | Urban/Residential Area | Common Five-ring | <i>Ypthima baldus</i> | 2 | 5-Mar-15 |
| SA | P4 | Waste Ground | Red-base Jezebel | <i>Delias pasithoe</i> | 1 | 5-Mar-15 |
| SA | P4 | Waste Ground | Rustic | <i>Cupha erymanthis</i> | 1 | 5-Mar-15 |
| SA | P4 | Waste Ground | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 1 | 16-Jun-15 |
| SA | P5 | Watercourse | Dark Evening Brown | <i>Melanitis phedima</i> | 1 | 5-Mar-15 |
| SA | P6 | Waste Ground | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 9-Feb-15 |
| SA | P6 | Waste Ground | Common Sailer | <i>Neptis hylas</i> | 1 | 9-Feb-15 |
| SA | P7 | Agricultural Land | Common Mime | <i>Chilasa clytia</i> | 1 | 11-May-15 |
| SA | P7 | Agricultural Land | Common Mormon | <i>Papilio polytes</i> | 1 | 11-May-15 |
| SA | T1 | Plantation | Five-bar Swordtail | <i>Pathysa antiphates</i> | 1 | 16-Apr-15 |
| SA | T1 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 5 | 16-Apr-15 |
| SA | T1 | Plantation | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 3 | 16-Apr-15 |
| SA | T1 | Plantation | Spangle | <i>Papilio protenor</i> | 1 | 16-Apr-15 |
| SA | T1 | Plantation | Mottled Emigrant | <i>Catopsilia pyranthe</i> | 2 | 16-Apr-15 |
| SA | T1 | Plantation | Plain Tiger | <i>Danaus chrysippus</i> | 1 | 16-Jun-15 |
| SA | T1 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 5-Mar-15 |
| SA | T1 | Watercourse | Red-ring Skirt | <i>Hestina assimilis</i> | 1 | 11-May-15 |
| SA | T2 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 6 | 16-Apr-15 |
| SA | T2 | Waste Ground | Lemon Emigrant | <i>Catopsilia pomona</i> | 1 | 16-Apr-15 |
| SA | T2 | Waste Ground | Common Mormon | <i>Papilio polytes</i> | 1 | 16-Apr-15 |
| SA | T2 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 2 | 11-May-15 |
| SA | T3 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 2 | 10-Feb-15 |
| SA | T3 | Urban/Residential Area | Angled Castor | <i>Ariadne ariadne</i> | 1 | 16-Apr-15 |
| SA | T4 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 5 | 16-Apr-15 |
| SA | T4 | Urban/Residential Area | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 2 | 16-Apr-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|--------------------------|------------------------------|-----------|-----------|
| SA | T4 | Urban/Residential Area | Angled Castor | <i>Ariadne ariadne</i> | 1 | 16-Apr-15 |
| SA | T4 | Waste Ground | Angled Castor | <i>Ariadne ariadne</i> | 1 | 16-Apr-15 |
| SA | T6 | Waste Ground | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 5 | 16-Apr-15 |
| SA | T6 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 4 | 16-Apr-15 |
| SA | T7 | Urban/Residential Area | Angled Castor | <i>Ariadne ariadne</i> | 1 | 5-Mar-15 |
| SA | T7 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 2 | 5-Mar-15 |
| SA | T8 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 9-Feb-15 |
| SA | T8 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 1 | 5-Mar-15 |
| SA | T8 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 16-Apr-15 |
| SA | T8 | Marsh | Ceylon Blue Glassy Tiger | <i>Ideopsis similis</i> | 1 | 16-Jun-15 |
| SA | T9 | Urban/Residential Area | Angled Castor | <i>Ariadne ariadne</i> | 1 | 5-Mar-15 |
| SA | T9 | Urban/Residential Area | White-edged Blue Baron | <i>Euthalia phemius</i> | 1 | 5-Mar-15 |
| SA | T9 | Urban/Residential Area | Common Palmfly | <i>Elymnias hypermnestra</i> | 1 | 16-Jun-15 |
| SA | T9 | Waste Ground | Bush Hopper | <i>Ampittia dioscorides</i> | 1 | 16-Jun-15 |
| SA | T11 | Grassland | Common Mime | <i>Chilasa clytia</i> | 1 | 16-Apr-15 |
| SA | T11 | Grassland | Common Mormon | <i>Papilio polytes</i> | 3 | 16-Apr-15 |
| SA | T11 | Plantation | Purple Sapphire | <i>Heliophorus epicles</i> | 1 | 9-Feb-15 |
| SA | T11 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 9-Feb-15 |
| SA | T11 | Plantation | Lemon Emigrant | <i>Catopsilia pomona</i> | 1 | 9-Feb-15 |
| SA | T11 | Plantation | Great Mormon | <i>Papilio memnon</i> | 1 | 16-Apr-15 |
| SA | T11 | Urban/Residential Area | Indian Cabbage White | <i>Pieris canidia</i> | 4 | 16-Apr-15 |
| SA | T11 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 5 | 16-Apr-15 |
| SA | T11 | Urban/Residential Area | Common Sailer | <i>Neptis hylas</i> | 1 | 16-Apr-15 |
| SA | T11 | Urban/Residential Area | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 1 | 16-Apr-15 |
| SA | T11 | Urban/Residential Area | Common Five-ring | <i>Ypthima baldus</i> | 2 | 16-Apr-15 |
| SA | T11 | Agricultural Land | Common Bluebottle | <i>Graphium sarpedon</i> | 1 | 11-May-15 |
| SA | T11 | Agricultural Land | Lemon Emigrant | <i>Catopsilia pomona</i> | 1 | 11-May-15 |
| SA | T11 | Agricultural Land | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 11-May-15 |
| SA | T11 | Waste Ground | Red Helen | <i>Papilio helenus</i> | 1 | 16-Jun-15 |
| SA | T11 | Waste Ground | Great Mormon | <i>Papilio memnon</i> | 1 | 16-Jun-15 |
| SA | T11 | Waste Ground | Common Mormon | <i>Papilio polytes</i> | 1 | 16-Jun-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|-------------------|-----------------------|----------------------------|-----------|-----------|
| SA | T11 | Waste Ground | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 1 | 16-Jun-15 |
| SA | T11 | Waste Ground | Common Indian Crow | <i>Euploea core</i> | 1 | 16-Jun-15 |
| SA | T12 | Waste Ground | Indian Cabbage White | <i>Pieris canidia</i> | 7 | 5-Mar-15 |
| SA | T12 | Waste Ground | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 2 | 5-Mar-15 |
| SA | T12 | Waste Ground | Common Five-ring | <i>Ypthima baldus</i> | 3 | 5-Mar-15 |
| SA | T12 | Waste Ground | Swallowtail | <i>Papilio xuthus</i> | 1 | 11-May-15 |
| SA | T12 | Waste Ground | Common Mormon | <i>Papilio polytes</i> | 1 | 11-May-15 |
| SA | T13 | Agricultural Land | Indian Cabbage White | <i>Pieris canidia</i> | 5 | 5-Mar-15 |
| SA | T13 | Agricultural Land | Indian Cabbage White | <i>Pieris canidia</i> | 4 | 16-Apr-15 |

Table C7.1. Relative abundance of freshwater fish species recorded within the 500m Study Area of Lin Fa Tei.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Sampling Point/ Transect | | | | | | | | | | |
|---|--------------------------------|---|-------------------------------|--------------------------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|
| | | | | Work Limit Boundary | | | | | Study Area | | | | | |
| | | | | A2 | A3 | A4 | A7 | T11 | A1 | A5 | A6 | T3 | T13 | |
| Chinese Barb | <i>Puntius semifasciolatus</i> | - | Common | | * | | * | | | | | | | |
| Whitespotted Walking Catfish | <i>Clarias fuscus</i> | - | Common | | * | * | | | | | | | | |
| Mosquito Fish | <i>Gambusia affinis</i> | - | Common | ** | * | ** | ** | * | * | ** | ** | | | |
| Guppy | <i>Poecilia reticulata</i> | - | Common | *** | | | | | * | | | | | |
| Swordtail | <i>Xiphophorus hellerii</i> | - | Common | | | | | | * | | | | | |
| Nile Tilapia | <i>Oreochromis niloticus</i> | - | Common | * | * | * | * | * | * | ** | * | *** | * | |
| Redbelly Tilapia | <i>Tilapia zillii</i> | - | Common | | * | | | | | | | | | |
| Spotted Snakehead | <i>Channa maculata</i> | - | - | | | | | | | | | * | | |
| Total number of species recorded | | | | 3 | 5 | 3 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 1 |

Key for relative abundance: * = A few. ** = Quite abundant, *** = Abundant.

Notes:

1. Conservation and protection status refers to IUCN (2015), Fellowes *et al.* (2002) and China Red Data Book (Yue and Chen 1998).
2. Hong Kong status refers to AFCD (2015a).

Table C7.2. Raw data of freshwater fish species recorded on transects or at point count locations at the 500m Study Area of Lin Fa Tei.

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No./ Transect No. | Common Name | Scientific Name | Abundance | Date |
|--|----------------------------------|------------------------------|--------------------------------|-----------|-----------|
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 200 | 16-Feb-15 |
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 30 | 16-Mar-15 |
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 15 | 16-Apr-15 |
| WLB | A2 | Guppy | <i>Poecilia reticulata</i> | 1 | 16-Apr-15 |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 50 | 16-Feb-15 |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 20 | 16-Mar-15 |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 16-Apr-15 |
| WLB | A2 | Mosquito Fish | <i>Gambusia affinis</i> | 1 | 16-Apr-15 |
| WLB | A2 | Nile Tilapia | <i>Oreochromis niloticus</i> | 5 | 16-Apr-15 |
| WLB | A2 | Nile Tilapia | <i>Oreochromis niloticus</i> | 1 | 16-Apr-15 |
| WLB | A3 | Chinese Barb | <i>Puntius semifasciolatus</i> | 10 | 16-Mar-15 |
| WLB | A3 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 16-Mar-15 |
| WLB | A3 | Mosquito Fish | <i>Gambusia affinis</i> | 1 | 16-Jun-15 |
| WLB | A3 | Nile Tilapia | <i>Oreochromis niloticus</i> | 5 | 16-Mar-15 |
| WLB | A3 | Redbelly Tilapia | <i>Tilapia zillii</i> | 5 | 16-Mar-15 |
| WLB | A3 | Redbelly Tilapia | <i>Tilapia zillii</i> | 1 | 16-Jun-15 |
| WLB | A3 | Whitespotted Walking Catfish | <i>Clarias fuscus</i> | 1 | 16-Feb-15 |
| WLB | A3 | Whitespotted Walking Catfish | <i>Clarias fuscus</i> | 1 | 16-Mar-15 |
| WLB | A4 | Mosquito Fish | <i>Gambusia affinis</i> | 10 | 16-Apr-15 |
| WLB | A4 | Nile Tilapia | <i>Oreochromis niloticus</i> | 5 | 16-Apr-15 |
| WLB | A4 | Whitespotted Walking Catfish | <i>Clarias fuscus</i> | 1 | 16-Apr-15 |
| WLB | A7 | Mosquito Fish | <i>Gambusia affinis</i> | 2 | 16-Apr-15 |
| WLB | A7 | Chinese Barb | <i>Puntius semifasciolatus</i> | 1 | 11-May-15 |
| WLB | A7 | Chinese Barb | <i>Puntius semifasciolatus</i> | 1 | 16-Jun-15 |
| WLB | A7 | Mosquito Fish | <i>Gambusia affinis</i> | 50 | 11-May-15 |
| WLB | A7 | Mosquito Fish | <i>Gambusia affinis</i> | 1 | 16-Jun-15 |
| WLB | A7 | Nile Tilapia | <i>Oreochromis niloticus</i> | 1 | 11-May-15 |
| WLB | A7 | Nile Tilapia | <i>Oreochromis niloticus</i> | 1 | 16-Jun-15 |
| WLB | T11 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 16-Apr-15 |
| WLB | T11 | Nile Tilapia | <i>Oreochromis niloticus</i> | 1 | 16-Apr-15 |
| SA | A1 | Guppy | <i>Poecilia reticulata</i> | 5 | 16-Feb-15 |
| SA | A1 | Guppy | <i>Poecilia reticulata</i> | 10 | 16-Mar-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No./ Transect No. | Common Name | Scientific Name | Abundance | Date |
|--|----------------------------------|-------------------|------------------------------|-----------|-----------|
| SA | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 16-Feb-15 |
| SA | A1 | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 16-Mar-15 |
| SA | A1 | Nile Tilapia | <i>Oreochromis niloticus</i> | 2 | 16-Feb-15 |
| SA | A1 | Swordtail | <i>Xiphophorus hellerii</i> | 1 | 16-Feb-15 |
| SA | A1 | Swordtail | <i>Xiphophorus hellerii</i> | 5 | 16-Mar-15 |
| SA | A5 | Mosquito Fish | <i>Gambusia affinis</i> | 30 | 16-Mar-15 |
| SA | A5 | Nile Tilapia | <i>Oreochromis niloticus</i> | 20 | 16-Mar-15 |
| SA | A6 | Mosquito Fish | <i>Gambusia affinis</i> | 20 | 16-Feb-15 |
| SA | A6 | Nile Tilapia | <i>Oreochromis niloticus</i> | 10 | 16-Feb-15 |
| SA | T3 | Nile Tilapia | <i>Oreochromis niloticus</i> | 500 | 16-Apr-15 |
| SA | T3 | Nile Tilapia | <i>Oreochromis niloticus</i> | 300 | 16-Apr-15 |
| SA | T3 | Spotted Snakehead | <i>Channa maculata</i> | 1 | 16-Apr-15 |
| SA | T3 | Spotted Snakehead | <i>Channa maculata</i> | 1 | 16-Apr-15 |
| SA | T13 | Nile Tilapia | <i>Oreochromis niloticus</i> | 10 | 16-Apr-15 |

Table C8.1. Relative abundance of aquatic invertebrate species recorded within the 500m Study Area of Lin Fa Tei.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Sampling Point/Transect/Habitat | | | | | | | | | | | | | |
|---|---------------------------------|---|-------------------------------|---------------------------------|----------|-----------|----------|----------|-------------------------|----------|----------|----------|----------|---|--|--|--|
| | | | | Work Limit Boundary | | | | | Study Area ³ | | | | | | | | |
| | | | | A2 | A3 | A4 | A7 | T11 | A1 | A5 | A6 | T13 | AG | | | | |
| Orange-tailed Sprit [^] | <i>Ceriagrion auranticum</i> | - | Abundant | | | * | | | | | | | | | | | |
| Common Bluetail [^] | <i>Ischnura senegalensis</i> | - | Abundant | * | | | * | | | | | | | | | | |
| Yellow Featherlegs [^] | <i>Copera marginipes</i> | - | Abundant | * | * | * | * | | | | | | | | | | |
| Common Flangetail [^] | <i>Ictinogomphus pertinax</i> | - | Common | | * | * | | | | | | | | | | | |
| Club-tailed Cruiser [^] | <i>Macromia urania</i> | Global Concern | Common | | | * | | | | | | | | | | | |
| Unidentified Skimmer [^] | <i>Orthetrum sp.</i> | - | - | | * | * | | | | | | | | | | | |
| Common Red Skimmer [^] | <i>Orthetrum pruinosum</i> | - | Abundant | | | ** | | | | | | | | | | | |
| Dropwing sp. [^] | <i>Trithemis sp</i> | - | - | * | * | | | | | | | | | | | | |
| - | <i>Dropwing sp.[^]</i> | - | - | | | | * | | | | | | | | | | |
| Emerald Cascader [^] | <i>Zygonyx iris</i> | Potential Global Concern | Abundant | | | * | | | | | | | | | | | |
| Blood Worm | <i>Chironomidae sp.</i> | - | - | * | * | ** | * | | | ** | ** | * | | | | | |
| Mosquito Larvae | <i>Culicidae sp.</i> | - | - | | | ** | | | | | | | | | | | |
| Water Strider | <i>Metrocoris sp.</i> | - | - | | * | * | | | | | ** | | | | | | |
| Freshwater Crab | <i>Somaniathelphusa zanklon</i> | IUCN(Endangered), Global Concern | - | | | | * | | | | | | | | | | |
| Freshwater Snail | <i>Radix plicatulus</i> | - | - | * | | | | | | ** | | | | | | | |
| Freshwater Snail | <i>Haitia acuta</i> | - | - | ** | | | | | | | | | | | | | |
| Freshwater Snail | <i>Segmentina succinea</i> | - | - | * | | * | | | | ** | * | | | | | | |
| Apple Snail | <i>Pomacea canaliculata</i> | - | - | | * | | | | | * | | * | * | * | | | |
| Freshwater Snail | <i>Melanoides tuberculata</i> | - | - | | * | ** | * | ** | | | | * | | | | | |
| Freshwater Clam | <i>Corbicula fluminea</i> | - | - | | * | * | | | | | | | | | | | |
| Chinese Pond Mussel | <i>Sinanodonta woodiana</i> | - | - | | | * | | | | | | | | | | | |
| Total number of species recorded | | | | 7 | 9 | 14 | 6 | 1 | 4 | 3 | 3 | 1 | 1 | | | | |

Key for relative abundance: * = A few, ** = Quite abundant.

Notes:

1. Conservation and protection status refers to IUCN (2015) and Fellowes *et al.* (2002).
2. Hong Kong status refers to AFCDC (2015a).
3. Habitat code: AG=Agricultural Land.







Table C8.2. Raw data of aquatic invertebrate species recorded on transects or at point count locations at the 500m Study Area of Lin Fa Tei.

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No./Transect No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|---------------------------------|-------------|----------------------|-------------------------------|-----------|-----------|---------|
| WLB | A2 | Watercourse | Blood Worm | Chironomidae sp. | 10 | 16-Feb-15 | |
| WLB | A2 | Watercourse | Blood Worm | Chironomidae sp. | 10 | 16-Mar-15 | |
| WLB | A2 | Watercourse | Common Bluetail | <i>Ischnura senegalensis</i> | 2 | 16-Feb-15 | |
| WLB | A2 | Watercourse | Dropwing sp. | <i>Trithemis sp</i> | 2 | 16-Mar-15 | |
| WLB | A2 | Watercourse | Freshwater Snail | <i>Radix plicatulus</i> | 10 | 16-Feb-15 | |
| WLB | A2 | Watercourse | Freshwater Snail | <i>Haitia acuta</i> | 20 | 16-Mar-15 | |
| WLB | A2 | Watercourse | Freshwater Snail | <i>Segmentina succinea</i> | 1 | 16-Apr-15 | |
| WLB | A2 | Watercourse | Freshwater Snail | <i>Haitia acuta</i> | 1 | 16-Apr-15 | |
| WLB | A2 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 3 | 16-Mar-15 | |
| WLB | A3 | Watercourse | Blood Worm | Chironomidae sp. | 10 | 16-Feb-15 | |
| WLB | A3 | Watercourse | Apple Snail | <i>Pomacea canaliculata</i> | 1 | 16-Apr-15 | |
| WLB | A3 | Watercourse | Blood Worm | Chironomidae sp. | 10 | 16-Mar-15 | |
| WLB | A3 | Watercourse | Blood Worm | Chironomidae sp. | 1 | 16-Jun-15 | |
| WLB | A3 | Watercourse | Common Flangetail | <i>Ictinogomphus pertinax</i> | 1 | 16-Apr-15 | |
| WLB | A3 | Watercourse | Dropwing sp. | <i>Trithemis sp</i> | 5 | 16-Mar-15 | |
| WLB | A3 | Watercourse | Freshwater Clam | <i>Corbicula fluminea</i> | 1 | 16-Apr-15 | |
| WLB | A3 | Watercourse | Freshwater Snail | <i>Melanoides tuberculata</i> | 1 | 16-Apr-15 | |
| WLB | A3 | Watercourse | Unidentified Skimmer | <i>Orthetrum sp.</i> | 2 | 16-Feb-15 | |
| WLB | A3 | Watercourse | Unidentified Skimmer | <i>Orthetrum sp.</i> | 1 | 16-Jun-15 | |
| WLB | A3 | Watercourse | Unidentified Skimmer | <i>Orthetrum sp.</i> | 1 | 16-Apr-15 | |
| WLB | A3 | Watercourse | Water Strider | <i>Metrocoris sp.</i> | 5 | 16-Feb-15 | |
| WLB | A3 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 3 | 16-Feb-15 | |
| WLB | A3 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 5 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Club-tailed Cruiser | <i>Macromia urania</i> | 1 | 16-Feb-15 | |
| WLB | A4 | Watercourse | Blood Worm | Chironomidae sp. | 50 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Chinese Pond Mussel | <i>Sinanodonta woodiana</i> | 1 | 16-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No./Transect No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|---------------------------------|-------------|----------------------|---------------------------------|-----------|-----------|---------|
| WLB | A4 | Watercourse | Common Flangetail | <i>Ictinogomphus pertinax</i> | 2 | 16-Apr-15 | |
| WLB | A4 | Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 20 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Emerald Cascader | <i>Zygonyx iris</i> | 1 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Freshwater Clam | <i>Corbicula fluminea</i> | 5 | 16-Apr-15 | |
| WLB | A4 | Watercourse | Freshwater Snail | <i>Segmentina succinea</i> | 10 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Freshwater Snail | <i>Melanoides tuberculata</i> | 15 | 16-Apr-15 | |
| WLB | A4 | Watercourse | Mosquito Larvae | Culicidae sp. | 20 | 16-Feb-15 | |
| WLB | A4 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 1 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Unidentified Skimmer | <i>Orthetrum</i> sp. | 2 | 16-Feb-15 | |
| WLB | A4 | Watercourse | Unidentified Skimmer | <i>Orthetrum</i> sp. | 2 | 16-Apr-15 | |
| WLB | A4 | Watercourse | Water Strider | <i>Metrocoris</i> sp. | 1 | 16-Feb-15 | |
| WLB | A4 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 16-Mar-15 | |
| WLB | A4 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 4 | 16-Apr-15 | |
| WLB | A7 | Watercourse | Freshwater Crab | <i>Somaniathelphusa zanklon</i> | 3 | 16-Jun-15 | endemic |
| WLB | A7 | Watercourse | - | Dropwing sp. | 1 | 11-May-15 | |
| WLB | A7 | Watercourse | Blood Worm | <i>Chironomidae</i> sp. | 1 | 11-May-15 | |
| WLB | A7 | Watercourse | Blood Worm | <i>Chironomidae</i> sp. | 1 | 16-Jun-15 | |
| WLB | A7 | Watercourse | Common Bluetail | <i>Ischnura senegalensis</i> | 1 | 11-May-15 | |
| WLB | A7 | Watercourse | Freshwater Snail | <i>Melanoides tuberculata</i> | 1 | 11-May-15 | |
| WLB | A7 | Watercourse | Freshwater Snail | <i>Melanoides tuberculata</i> | 1 | 16-Jun-15 | |
| WLB | A7 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 11-May-15 | |
| WLB | T11 | Watercourse | Freshwater Snail | <i>Melanoides tuberculata</i> | 30 | 16-Apr-15 | |
| SA | A1 | Watercourse | Freshwater Snail | <i>Segmentina succinea</i> | 20 | 16-Feb-15 | |
| SA | A1 | Watercourse | Apple Snail | <i>Pomacea canaliculata</i> | 10 | 16-Mar-15 | |
| SA | A1 | Watercourse | Blood Worm | <i>Chironomidae</i> sp. | 20 | 16-Feb-15 | |
| SA | A1 | Watercourse | Blood Worm | <i>Chironomidae</i> sp. | 10 | 16-Mar-15 | |
| SA | A1 | Watercourse | Freshwater Snail | <i>Radix plicatulus</i> | 50 | 16-Feb-15 | |
| SA | A1 | Watercourse | Freshwater Snail | <i>Segmentina succinea</i> | 20 | 16-Mar-15 | |




| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No./Transect No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|---------------------------------|-------------------|------------------|-------------------------------|-----------|-----------|---------|
| SA | A1 | Watercourse | Freshwater Snail | <i>Radix plicatulus</i> | 20 | 16-Mar-15 | |
| SA | A1 | Watercourse | Freshwater Snail | <i>Haitia acuta</i> | 60 | 16-Mar-15 | |
| SA | A5 | Watercourse | Water Strider | <i>Metrocoris</i> sp. | 20 | 16-Feb-15 | |
| SA | A5 | Watercourse | Blood Worm | Chironomidae sp. | 50 | 16-Feb-15 | |
| SA | A5 | Watercourse | Blood Worm | Chironomidae sp. | 10 | 16-Mar-15 | |
| SA | A5 | Watercourse | Freshwater Snail | <i>Segmentina succinea</i> | 10 | 16-Mar-15 | |
| SA | A6 | Watercourse | Apple Snail | <i>Pomacea canaliculata</i> | 10 | 16-Feb-15 | |
| SA | A6 | Watercourse | Blood Worm | Chironomidae sp. | 10 | 16-Mar-15 | |
| SA | A6 | Watercourse | Freshwater Snail | <i>Melanoides tuberculata</i> | 1 | 16-Apr-15 | |
| SA | T13 | Agricultural Land | Apple Snail | <i>Pomacea canaliculata</i> | 5 | 16-Apr-15 | |
| SA | T13 | Watercourse | Apple Snail | <i>Pomacea canaliculata</i> | 5 | 16-Apr-15 | |

Table C9.1. Representative habitat photographs within the 500m Study Area of Lin Fa Tei.

| | |
|---|--|
| Plate 1. Agricultural Land | Plate 2. Pond |
|  |  |
| Plate 3. Marsh | Plate 4. Watercourse |
|  |  |
| Plate 5. Seasonally Wet Grassland | Plate 6. Grassland |
|  |  |

| | |
|---|---|
| Plate 7. Secondary Woodland | Plate 8. Orchard |
|  A landscape view of a secondary woodland area. The foreground is dominated by tall, dry, brownish grasses. In the background, there are rolling hills covered in dense green forest under a clear blue sky. |  A view of an orchard or agricultural field. The foreground shows a dirt path and some sparse vegetation. In the background, there are lush green trees and hills under a bright sky. |
| Plate 9. Plantation | Plate 10. Waste Ground |
|  A view of a plantation area. The foreground is a dirt clearing with some sparse vegetation. In the background, there are tall, thin trees, possibly pines, and a fence line. |  A view of a waste ground or cleared area. The foreground is a large, flat, dirt-covered area. In the background, there are green trees and hills under a blue sky. |
| Plate 11. Urban/Residential Area | |
|  A view of an urban/residential area. The foreground shows a paved road and a utility pole. In the background, there are several multi-story residential buildings with balconies and a fence line. | |

Table C10.1. Photographs of the species of conservation concern recorded within the 500m Study Area of Lin Fa Tei.

| | |
|---|---|
| Plate 1. <i>Aquilaria sinensis</i> | Plate 2. <i>Ailanthus fordii</i> |
|  |  |
| Plate 3. Club-tailed Cruiser (larva) | Plate 4. Emerald Cascader (larva) |
|  |  |
| Plate 5. <i>Somanniathelphusa zanklon</i> | |
|  | |

Appendix D. Flora and fauna species recorded, and representative habitat photographs and photographs of the species of conservation concern taken within the 500m Study Area of Ha Che.

Table D1.1. Relative abundance of floral species recorded within the 500m Study Area of Ha Che.

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|---------------|--|--------------|---------------------|---|----------------------------------|----|----|-------------------------|----|-----------------|----|----|-----|-----|----|----|-----|-----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| Bamboo | <i>Bambusa</i> spp. | 竹屬 | - | - | * | * | * | | | * | | | | | | | | * |
| Bamboo | <i>Bambusa tuldooides</i> | 青稈竹 | Native | Restricted | | | | | | | | | | | | | | * |
| Climber | <i>Berchemia floribunda</i> | 勾兒茶 | Native | Common | | | | | | | | * | | | | | | |
| Climber | <i>Byttneria aspera</i> | 刺果藤 | Native | Very common | | | | | | | | | | | | * | | |
| Climber | <i>Dalbergia benthamii</i> | 兩廣黃檀 | Native | Common | | | | | | | | * | | | | | | |
| Climber | <i>Dioscorea bulbifera</i> | 黃獨 | Native | Common | | | | | | | | * | | | | | | |
| Climber | <i>Epipremnum aureum</i> | 綠蘿 | Exotic | Planted | * | | * | | | * | | | | | | | | * |
| Climber | <i>Ficus pumila</i> | 薜荔 | Native | Very common | | | | | | * | | | | | | * | | * |
| Climber | <i>Gnetum luofuense</i> | 羅浮買麻藤 | Native | Regarded as Very Common by Xing <i>et al.</i> (2000), classified as "Near Threatened" in IUCN Red List but locally very common in Hong Kong | * | | | | | | | | | | | | | |
| Climber | <i>Gnetum parvifolium</i> | 小葉買麻藤 | Native | Common | | | | | | | | * | * | ** | | | | |
| Climber | <i>Hypserpa nitida</i> | 夜花藤 | Native | Very common | | | | | | | | | | | | * | | |
| Climber | <i>Pericampylus glaucus</i> | 細圓藤 | Native | Restricted | | | | | | | | * | | | | | | |
| Climber | <i>Pueraria lobata</i> | 野葛 | Native | Very common | ** | | * | | | ** | | | | | | * | *** | ** |
| Climber | <i>Pueraria lobata</i> var. <i>montana</i> | 葛麻姆 | Native | Common | | | | | | | | * | | | | | | |
| Climber | <i>Pyrostegia venusta</i> | 炮仗花 | Exotic | Cultivated | | | | | | | | | | | | * | | * |
| Climber | <i>Smilax china</i> | 金剛藤 | Native | Very common | | | | | | ** | ** | | | | | | | |
| Climber | <i>Solena amplexicaulis</i> | 茅瓜 | Native | Very common | | | | | | | | | | | | | | * |
| Climber | <i>Stephania longa</i> | 翼箕篤 | Native | Common | | | | | | | | | * | | | * | | ** |
| Climber | <i>Tetracera asiatica</i> | 錫葉藤 | Native | Very common | | | | | | | | * | | | | * | | |
| Climber | <i>Tylophora ovata</i> | 娃兒藤 | Native | Common | | | | | | | | * | | | | | | |
| Climber | <i>Cassytha filiformis</i> | 無根藤 | Native | Very common | | | | | | | * | * | | | | | | |
| Climber/Herb | <i>Lygodium japonicum</i> | 海金沙 | Native | Very common | * | | | | | | * | | * | | | * | | ** |
| Climber/Herb | <i>Mikania micrantha</i> | 薇甘菊 | Exotic | Very common | ** | ** | ** | | | | * | | * | * | | ** | | *** |
| Climber/Shrub | <i>Abrus mollis</i> | 毛相思子 | Native | Common | | | | | | | | * | | | | | | |
| Climber/Shrub | <i>Bougainvillea spectabilis</i> | 籐杜鵑 | Exotic | Cultivated | | | | | | | | | | | | | | *** |
| Climber/Shrub | <i>Desmos chinensis</i> | 假鷹爪 | Native | Common | | | | | | | | | *** | | | ** | | ** |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|---------------|------------------------------------|--------------|---------------------|-------------------------------|----------------------------------|----|----|-------------------------|----|-----------------|----|----|----|-----|----|----|-----|-----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| Climber/Shrub | <i>Duranta erecta</i> | 假連翹 | Exotic | Cultivated | | * | | | | | | | | | | ** | | * |
| Climber/Shrub | <i>Elaeagnus loureirii</i> | 羅氏胡頹子 | Native | Common | | | | | | | | | * | | | | | |
| Climber/Shrub | <i>Eleutherococcus trifoliatus</i> | 白蘗 | Native | Restricted | * | | | | | | | | | | | | | |
| Climber/Shrub | <i>Embelia laeta</i> | 酸藤子 | Native | Very common | | | | | | | | * | | | | | | |
| Climber/Shrub | <i>Embelia ribes</i> | 白花酸藤子 | Native | Common | | | | | | | ** | | ** | | | | | * |
| Climber/Shrub | <i>Morinda parvifolia</i> | 雞眼藤 | Native | Very common | | | | | | | | | * | | | | | * |
| Climber/Shrub | <i>Mussaenda pubescens</i> | 玉葉金花 | Native | Very common | | | | | | | | | * | | | | * | |
| Climber/Shrub | <i>Psychotria serpens</i> | 蔓九節 | Native | Very common | | | | | | | | | | | | | * | |
| Climber/Shrub | <i>Rubus leucanthus</i> | 白花懸鈎子 | Native | Common | | | | | | | | | | | | | | * |
| Climber/Shrub | <i>Rubus reflexus</i> | 蛇泡蘗 | Native | Very common | | | | | | | | ** | | | | | | |
| Climber/Shrub | <i>Schefflera arboricola</i> | 鵝掌藤 | Exotic | Often planted | | | | | | | | | | | | ** | | * |
| Climber/Shrub | <i>Strophanthus divaricatus</i> | 羊角拗 | Native | Common | * | | | | | | | | | | | | | |
| Climber/Shrub | <i>Uvaria macrophylla</i> | 紫玉盤 | Native | Common | | | | | | | | | | ** | | | | |
| Climber/Shrub | <i>Zanthoxylum nitidum</i> | 兩面針 | Native | Very common | * | | | | | | | | ** | *** | | * | | * |
| Herb | <i>Acorus gramineus</i> | 石菖蒲 | Native | Very common | * | | | | | * | | | | | | | | |
| Herb | <i>Adiantum flabellulatum</i> | 扇葉鐵線蕨 | Native | Very common | | | | | | | | * | | | | | | |
| Herb | <i>Ageratum conyzoides</i> | 藿香薷 | Exotic | Common | ** | | | | ** | * | | | | | | | ** | * |
| Herb | <i>Allium fistulosum</i> | 蔥 | Exotic | Cultivated | | | | ** | | | | | | | | | | |
| Herb | <i>Alocasia macrorrhizos</i> | 海芋 | Native | Very common | ** | * | * | | | ** | | | ** | *** | | ** | | ** |
| Herb | <i>Aloe vera</i> | 蘆薈 | Exotic | Cultivated | | | | | | | | | | | | * | | * |
| Herb | <i>Alpinia hainanensis</i> | 草豆蔻 | Native | Very common | | | | | | | | | | * | | * | | |
| Herb | <i>Alpinia zerumbet</i> | 豔山薑 | Native | Very common | | | | | | | | * | | | | | | |
| Herb | <i>Alternanthera sessilis</i> | 蝦鉗菜 | Native | Common | ** | | | | ** | | | | | | | | | |
| Herb | <i>Amaranthus viridis</i> | 野苋 | Native | Very common | | | | | | | | | | | | | | * |
| Herb | <i>Anisomeles indica</i> | 廣防風 | Native | Common | | | | * | | | | | | | | | | |
| Herb | <i>Apluda mutica</i> | 水蔗草 | Native | Very common | | | | | | | | | | | | | | * |
| Herb | <i>Arachis duranensis</i> | 蔓花生 | Exotic | Planted | | | | | | | | | | | | | | * |
| Herb | <i>Asystasia micrantha</i> | 小花十萬錯 | Exotic | Cultivated or naturalized | * | * | | | | | | | | | | * | | * |
| Herb | <i>Bidens alba</i> | 白花鬼針草 | Exotic | Very common | *** | ** | ** | | | ** | ** | ** | ** | ** | | ** | *** | *** |
| Herb | <i>Bidens pilosa</i> | 鬼針草 | Exotic | Very common | | | | | | | | | | | | * | | |
| Herb | <i>Blechnum orientale</i> | 烏毛蕨 | Native | Very common | | | | | | | * | * | | | | * | | * |
| Herb | <i>Bothriochloa bladhii</i> | 臭根子草 | Native | Very common | | | | | | | | | | | | | | *** |
| Herb | <i>Caladium bicolor</i> | 花葉芋 | Exotic | Planted | * | | | | | | | | | | | | | |
| Herb | <i>Callipteris esculenta</i> | 菜蕨 | Native | Common | ** | | | | | ** | | | | | | * | | |
| Herb | <i>Cardamine flexuosa</i> | 碎米薺 | Native | Common | ** | | | | | | | | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|-------------|--------------------------------|--------------|---------------------|--|----------------------------------|----|----|-------------------------|----|-----------------|----|----|----|-----|----|----|----|-----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| Herb | <i>Centella asiatica</i> | 崩大碗 | Native | Very common | ** | | | | | | | | | | | | | |
| Herb | <i>Centotheca lappacea</i> | 假淡竹葉 | Native | Common | | | | | | | | ** | | | | | | |
| Herb | <i>Chenopodium album</i> | 藜 | Native | Restricted | | | | | | | | | | | | | | * |
| Herb | <i>Chenopodium ficifolium</i> | 小藜 | Native | Restricted | * | | | | | | * | | | | | | | * |
| Herb | <i>Cibotium barometz</i> | 金毛狗 | Native | Regarded as Very Common in Xing <i>et al.</i> (2000). Protected under Cap. 586. Status in China as "Vulnerable", under State protection (Category II) in China (AFCD 2003) | | | | | | | * | | | | | | | |
| Herb | <i>Coix lacryma-jobi</i> | 薏苡 | Native | Common | | | | * | | | | | | | | | | |
| Herb | <i>Colocasia esculenta</i> | 芋 | Native | Cultivated | | | * | | | | | | | * | | | | |
| Herb | <i>Commelina diffusa</i> | 節節草 | Native | Common | *** | * | | | | *** | | | | | | | | |
| Herb | <i>Commelina paludosa</i> | 大苞鴨跖草 | Native | Restricted | ** | | | | | | | | | | | | | |
| Herb | <i>Conyza canadensis</i> | 小白酒草 | Exotic | Very common | | | | | | | | | | | | | | *** |
| Herb | <i>Conyza sumatrensis</i> | 蘇門白酒草 | Exotic | Common | | | | | * | | | | | | | | | * |
| Herb | <i>Cuscuta chinensis</i> | 菟絲子 | Native | Common | | | | | | | | | | * | | | | |
| Herb | <i>Cyclosorus parasiticus</i> | 華南毛蕨 | Native | Very common | * | | | | | ** | | ** | ** | | * | | | ** |
| Herb | <i>Cynodon dactylon</i> | 狗牙根 | Native | Very common | | | | | ** | | | | | | ** | | | *** |
| Herb | <i>Cyperus involucratus</i> | 風車草 | Exotic | Cultivated or naturalized | *** | | | | | ** | | | | | | | | * |
| Herb | <i>Dicranopteris pedata</i> | 芒萁 | Native | Very common | | | | | | ** | ** | * | | | | | | * |
| Herb | <i>Eclipta prostrata</i> | 鱧腸 | Native | Common | | | | | * | | | | | | | | * | * |
| Herb | <i>Elephantopus scaber</i> | 地膽草 | Native | Common | | | | | | | | * | | | | | | * |
| Herb | <i>Eleusine indica</i> | 牛筋草 | Native | Very common | | | | | | | | | | | | | | ** |
| Herb | <i>Emilia sonchifolia</i> | 一點紅 | Native | Very common | * | | | | * | | | | | | | | * | * |
| Herb | <i>Eragrostis atrovirens</i> | 鼠婦草 | Native | Common | | | | | | | | | | | | | | * |
| Herb | <i>Euphorbia hirta</i> | 大飛揚草 | Exotic | Very common | | | | | * | | | | | | | | | |
| Herb | <i>Euphorbia hypericifolia</i> | 通奶草 | Native | Common | | | | | | * | | | | | | | | *** |
| Herb | <i>Euphorbia thymifolia</i> | 小飛揚 | Native | Very common | | | | | | | | | | | | | | * |
| Herb | <i>Fimbristylis dichotoma</i> | 兩歧飄拂草 | Native | Common | | | | | | * | | | | | | | | |
| Herb | <i>Hedychium coronarium</i> | 薑花 | Exotic | Common | | | | * | | | | | | | | | | |
| Herb | <i>Hedyotis auricularia</i> | 耳草 | Native | Common | | | | | * | * | | | | | | | * | ** |
| Herb | <i>Hedyotis diffusa</i> | 白花蛇舌草 | Native | Very common | * | | | | | | | | | | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|-------------|--|--------------|---------------------|-------------------------------|----------------------------------|----|-----|-------------------------|----|-----------------|----|----|-----|-----|----|----|-----|-----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| Herb | <i>Hylocereus undatus</i> | 量天尺 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Herb | <i>Hymenocallis littoralis</i> | 水鬼蕉 | Exotic | Cultivated | | | | | | | | | | | | | * | * |
| Herb | <i>Imperata cylindrica</i> var. <i>major</i> | 絲茅 | Native | Very common | | | | | | | | | | | | ** | | |
| Herb | <i>Ipomoea batatas</i> | 番薯 | Exotic | Cultivated | | | | ** | | | | | | | | | | * |
| Herb | <i>Ipomoea cairica</i> | 五爪金龍 | Exotic | Very common | ** | ** | *** | | | | * | | | | | ** | *** | *** |
| Herb | <i>Ipomoea triloba</i> | 三裂葉薯 | Exotic | Common | | | | | | ** | | | | | | | | * |
| Herb | <i>Kyllinga nemoralis</i> | 單穗水蜈蚣 | Native | Very common | | | | | | | | | | | | | * | |
| Herb | <i>Kyllinga polyphylla</i> | 香根水蜈蚣 | Exotic | Common | ** | | | | | ** | | | | | | | | ** |
| Herb | <i>Lactuca sativa</i> | 生菜 | Exotic | Cultivated | | | | ** | | | | | | | | | | |
| Herb | <i>Lactuca sativa</i> var. <i>longifolia</i> | 油麥菜 | Exotic | Cultivated | | | | * | | | | | | | | | | |
| Herb | <i>Lemna minor</i> | 浮萍 | Native | Restricted | * | | | | | | | | | | | | | |
| Herb | <i>Lepidium virginicum</i> | 北美獨行菜 | Native | Restricted | * | | | | | * | | | | | | | | |
| Herb | <i>Lindernia antipoda</i> | 泥花草 | Native | Common | ** | | | * | | ** | | | | | | | | * |
| Herb | <i>Lindernia rotundifolia</i> | 圓葉母草 | Exotic | Restricted | | | | | | * | | | | | | | | |
| Herb | <i>Liriope spicata</i> | 山麥冬 | Native | Very common | | | | | | | | ** | | | | | | * |
| Herb | <i>Lophatherum gracile</i> | 淡竹葉 | Native | Very common | | | | | | | | | *** | | | | | * |
| Herb | <i>Ludwigia adscendens</i> | 水龍 | Native | Common | * | | | | | | | | | | | | | |
| Herb | <i>Microstegium ciliatum</i> | 剛莠竹 | Native | Very common | *** | | | | | *** | | | ** | | ** | ** | * | |
| Herb | <i>Mimosa pudica</i> | 含羞草 | Exotic | Very common | | | | | | | | | | | | | | * |
| Herb | <i>Miscanthus floridulus</i> | 五節芒 | Native | Common | | | | | | ** | | | | | | * | * | |
| Herb | <i>Miscanthus sinensis</i> | 芒 | Native | Very common | | | | | | ** | | | | | | | | * |
| Herb | <i>Musa x paradisiaca</i> | 大蕉 | Exotic | Cultivated | | | | *** | | * | | | * | | ** | ** | ** | |
| Herb | <i>Myosoton aquaticum</i> | 鵝腸菜 | Native | Restricted | ** | | | | | | | | | | | | | |
| Herb | <i>Neyraudia reynaudiana</i> | 類蘆 | Native | Very common | | | * | | | ** | ** | * | * | ** | ** | * | * | |
| Herb | <i>Ophiopogon jaburan</i> | 花葉沿階草 | Exotic | Planted | | | | | | | | | | | | | | * |
| Herb | <i>Ophiopogon japonicus</i> | 麥冬 | Native | Common | | | | | | | | | | | | | | * |
| Herb | <i>Oxalis corniculata</i> | 酢醬草 | Native | Very common | | | | | | | | | | | * | ** | ** | |
| Herb | <i>Oxalis debilis</i> subsp. <i>corymbosa</i> | 紅花酢醬草 | Exotic | Common | ** | | | | | * | | | | | * | * | * | * |
| Herb | <i>Paederia scandens</i> | 雞矢藤 | Native | Very common | | * | | | | * | | | | | * | ** | ** | |
| Herb | <i>Panicum brevifolium</i> | 短葉黍 | Native | Very common | | | | | | | | | | | ** | * | * | |
| Herb | <i>Panicum maximum</i> | 大黍 | Exotic | Very common | *** | | | | | *** | | | ** | ** | ** | ** | ** | ** |
| Herb | <i>Panicum repens</i> | 鋪地黍 | Native | Very common | | | | | ** | | | | | | | | | |
| Herb | <i>Paspalum distichum</i> | 雙穗雀稗 | Native | Common | | | | | | | | | | | | * | * | |
| Herb | <i>Pennisetum alopecuroides</i> | 狼尾草 | Native | Common | | | | | | | | | | | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|-------------|-----------------------------------|--------------|---------------------|--------------------------------|----------------------------------|----|----|-------------------------|----|-----------------|----|-----|-----|-----|----|----|----|-----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| Herb | <i>Pennisetum purpureum</i> | 象草 | Exotic | Very common | | | | | | | | | | | | | ** | |
| Herb | <i>Peperomia pellucida</i> | 草胡椒 | Exotic | Common | * | | | | | | | | | | | | | |
| Herb | <i>Phyllanthus urinaria</i> | 葉下珠 | Native | Common | | | | | | | | | | | | | | * |
| Herb | <i>Polygonum chinense</i> | 火炭母 | Native | Very common | ** | | | | | * | | | | * | | * | | * |
| Herb | <i>Polygonum hydropiper</i> | 水蓼 | Native | Common | * | | | | | | | | | | | | | |
| Herb | <i>Pteris multifida</i> | 井欄邊草 | Native | Common | | | | | | | | | | | | | | * |
| Herb | <i>Pteris semipinnata</i> | 半邊旗 | Native | Very common | * | | | | | | | *** | *** | | * | | | |
| Herb | <i>Pteris vittata</i> | 蜈蚣草 | Native | Very common | * | | | | | | | | | | | | | * |
| Herb | <i>Pyrrosia adnascens</i> | 貼生石韋 | Native | Common | | | | | | | | | ** | | | | | |
| Herb | <i>Raphanus sativus</i> | 蘿蔔 | Exotic | Cultivated | | | | * | | | | | | | | | | |
| Herb | <i>Rumex trisetifer</i> | 長刺酸模 | Native | Common | * | | | | | | | | | | | | | |
| Herb | <i>Saccharum officinarum</i> | 甘蔗 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Herb | <i>Sesbania javanica</i> | 沼生田菁 | Native | Common | | | | | | | | | | | | | | * |
| Herb | <i>Sida acuta</i> | 黃花稔 | Native | Common | | | | | | | | | | | | | | * |
| Herb | <i>Solanum americanum</i> | 少花龍葵 | Exotic | Very common | ** | | | | | * | | | | | | | | ** |
| Herb | <i>Sonchus oleraceus</i> | 苦苣菜 | Exotic | Very common | | | | | | | | * | | | * | | | * |
| Herb | <i>Spermacoce stricta</i> | 豐花草 | Native | Restricted | | | | | | | * | | | | | | | |
| Herb | <i>Sporobolus fertilis</i> | 鼠尾粟 | Native | Very common | | | | | | ** | | | | | | | | * |
| Herb | <i>Syngonium auritum</i> | 長耳合果芋 | Exotic | Commonly cultivated | ** | | | | | * | | * | | | ** | | | * |
| Herb | <i>Syngonium podophyllum</i> | 合果芋 | Exotic | Planted | | | * | | | | | | | | | | | |
| Herb | <i>Tradescantia spathacea</i> | 蚌花 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Herb | <i>Tridax procumbens</i> | 羽芒菊 | Exotic | Very common | | | ** | | | | | | | | | | | |
| Herb | <i>Wedelia trilobata</i> | 三裂葉蟻蝶菊 | Exotic | Common, also widely cultivated | ** | | | | | ** | | * | | | ** | | | *** |
| Herb | <i>Youngia japonica</i> | 黃鵪菜 | Native | Very common | * | * | | * | | * | | | | | * | | | * |
| Herb/Shrub | <i>Aeschynomene indica</i> | 合萌 | Native | Very common | | | | | | | | | | | | | | * |
| Herb/Shrub | <i>Catharanthus roseus</i> | 長春花 | Exotic | Common | | | | | | | | | | | | | | * |
| Herb/Shrub | <i>Duhaldea cappa</i> | 羊耳菊 | Native | Common | | | | | | * | ** | | | | | | | |
| Herb/Shrub | <i>Malvastrum coromandelianum</i> | 賽葵 | Native | Common | | | | | | | | | | | | | | * |
| Herb/Shrub | <i>Melastoma dodecandrum</i> | 地荃 | Native | Common | | | | | | ** | ** | | | | | | | |
| Herb/Shrub | <i>Scoparia dulcis</i> | 野甘草 | Exotic | Common | | | | | | | | | | | | | | * |
| Shrub | <i>Antirhea chinensis</i> | 毛茶 | Native | Very common | | | | | | | | | * | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|-------------|---|--------------|---------------------|--|----------------------------------|----|----|-------------------------|----|-----------------|----|----|----|-----|----|----|----|-----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| Shrub | <i>Aralia finlaysoniana</i> | 虎刺榕木 | Native | Restricted | | | | | | | | | | | | | | * |
| Shrub | <i>Ardisia crenata</i> | 朱砂根 | Native | Common | | | | | | | | | | * | | | | |
| Shrub | <i>Boehmeria nivea</i> | 苧麻 | Exotic | Common | ** | | | | | * | | | | | | | | * |
| Shrub | <i>Breynia fruticosa</i> | 黑面神 | Native | Very common | | | | | | | ** | ** | | | | | | |
| Shrub | <i>Calliandra haematocephala</i> | 紅絨球 | Exotic | Cultivated | | | | | | | | | | | | | ** | *** |
| Shrub | <i>Callicarpa kochiana</i> | 枇杷葉紫珠 | Native | Common | | | | | | | | | | | | | * | |
| Shrub | <i>Clerodendrum fortunatum</i> | 鬼燈籠 | Native | Common | | | | | | | | * | | | | | | |
| Shrub | <i>Codiaeum variegatum</i> | 變葉木 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Shrub | <i>Cordyline fruticosa</i> | 朱蕉 | Exotic | Cultivated | | | | | | | | | | | | | * | |
| Shrub | <i>Daphniphyllum calycinum</i> | 牛耳楓 | Native | Common | | | | | | | | * | ** | | | * | | |
| Shrub | <i>Dendropanax proteus</i> | 變葉樹參 | Native | Common | | | | | | | | | | | | | | * |
| Shrub | <i>Desmodium heterocarpon</i> | 假地豆 | Native | Very common | | | | | | | ** | ** | | | | | | |
| Shrub | <i>Dracaena sanderiana</i> | 富貴竹 | Exotic | Planted or naturalised | | | | * | | | | | | | | | | |
| Shrub | <i>Dypsis lutescens</i> | 散尾葵 | Exotic | Cultivated | | | * | | | | | | | | | | * | * |
| Shrub | <i>Ficus microcarpa</i> cv. Golden Leaves | 黃金榕 | Native | Planted | | | | | | | | | | | | | | * |
| Shrub | <i>Flueggea virosa</i> | 白飯樹 | Native | Common | | | | | | | | | * | | | | | |
| Shrub | <i>Hamelia patens</i> | 長隔木 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Shrub | <i>Helicteres angustifolia</i> | 山芝麻 | Native | Very common | | | | | | ** | ** | | | | | | | * |
| Shrub | <i>Hibiscus rosa-sinensis</i> | 大紅花 | Exotic | Commonly cultivated | | | | | | | | | | | | | ** | |
| Shrub | <i>Ilex asprella</i> | 梅葉冬青 | Native | Very common | | | | | | | ** | ** | | | | | ** | |
| Shrub | <i>Ilex pubescens</i> | 毛冬青 | Native | Very common | | | | | | | | | | | | | * | |
| Shrub | <i>Ixora chinensis</i> | 龍船花 | Native | Restricted, also widely cultivated | | * | | | | | | | | | | | | ** |
| Shrub | <i>Lantana camara</i> | 馬纓丹 | Exotic | Very common | * | | | | | ** | | * | * | | * | * | * | *** |
| Shrub | <i>Lycium chinense</i> | 枸杞 | Exotic | Cultivated | | | | * | | | | | | | | | | |
| Shrub | <i>Maesa perlaris</i> | 鯽魚膽 | Native | Common | | | | | | | * | ** | | | * | | * | |
| Shrub | <i>Melastoma malabathricum</i> | 野牡丹 | Native | Common | | | | | | | | | | | | | | * |
| Shrub | <i>Melastoma sanguineum</i> | 毛荳 | Native | Common | | | | | | | | | | | | | * | |
| Shrub | <i>Michelia figo</i> | 含笑 | Exotic | Regarded as Very Rare in Xing <i>et al.</i> (2000), but also planted for | | | | | | | | * | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | | |
|-------------|----------------------------------|--------------|---------------------|---|----------------------------------|----|----|-------------------------|----|-----------------|----|----|----|-----|----|----|----|----|----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR | |
| | | | | ornamental purpose; species belong to Family Magnolias is protected under Cap. 96 | | | | | | | | | | | | | | | |
| Shrub | <i>Phyllanthus reticulatus</i> | 小果葉下珠 | Native | Common | | | | | | * | | | ** | | | | | | * |
| Shrub | <i>Rhamnus crenata</i> | 長葉凍綠 | Native | Common | | | | | | | | * | | | | | | | |
| Shrub | <i>Rhapis excelsa</i> | 棕竹 | Native | Common | | | | | | | | | | | | | | | * |
| Shrub | <i>Rhododendron pulchrum</i> | 錦繡杜鵑 | Exotic | All <i>Rhododendron</i> spp. are protected under Cap. 96; this species is cultivated | | | | | | | | | | | | | * | | * |
| Shrub | <i>Rhodomyrtus tomentosa</i> | 桃金娘 | Native | Common | | | | | | | ** | ** | | | | | | | |
| Shrub | <i>Ricinus communis</i> | 蓖麻 | Exotic | Restricted but often planted and naturalized | | | | | | | * | | | | | | | * | |
| Shrub | <i>Rosa multiflora</i> | 野薔薇 | Exotic | Cultivated | | | | | | | | | | | | | | | * |
| Shrub | <i>Sarcandra glabra</i> | 草珊瑚 | Native | Common | * | | | | | | | | | | | | | | |
| Shrub | <i>Solanum torvum</i> | 水茄 | Exotic | Common | | | | | | | | | | | | | * | | ** |
| Shrub | <i>Tadehagi triquetrum</i> | 葫蘆茶 | Native | Very common | | | | | | | * | | | | | | | | |
| Shrub | <i>Tibouchina semidecandra</i> | 巴西野牡丹 | Exotic | Cultivated | | | | | | | | | | | | | | | * |
| Shrub | <i>Wikstroemia indica</i> | 了哥王 | Native | Common | | | | | | | * | ** | | | | | | | |
| Shrub/Tree | <i>Aglaia odorata</i> | 米仔蘭 | Exotic | Cultivated | | | | | | | | | | * | | | | | ** |
| Shrub/Tree | <i>Alangium chinense</i> | 八角楓 | Native | Common | | | | | | | | | | | | | ** | | |
| Shrub/Tree | <i>Baeckea frutescens</i> | 崗松 | Native | Very common | | | | | | | ** | ** | | | | | | | |
| Shrub/Tree | <i>Bridelia tomentosa</i> | 土蜜樹 | Native | Very common | | | | | | * | * | ** | ** | *** | * | ** | ** | | ** |
| Shrub/Tree | <i>Callicarpa nudiflora</i> | 裸花紫珠 | Native | Common | | | | | | * | | | | | | | | | * |
| Shrub/Tree | <i>Camellia japonica</i> | 山茶 | Exotic | Cultivated. Protected under Cap. 96; often cultivated; the recorded specimen is painted | | | | | | | | | * | | | | | | |
| Shrub/Tree | <i>Claoxylon indicum</i> | 白桐樹 | Native | Common | | | | | | | | | | | | | * | | |
| Shrub/Tree | <i>Cratoxylum cochinchinense</i> | 黃牛木 | Native | Very common | | | | | | | | ** | * | | | * | | | * |
| Shrub/Tree | <i>Eurya nitida</i> | 細齒葉柃 | Native | Very common | | | | | | | | * | | | | | | | |
| Shrub/Tree | <i>Ficus hirta</i> | 粗葉榕 | Native | Common | | | | | | | | * | | | | | | | * |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|-------------|---|--------------|---------------------|--|----------------------------------|----|-----|-------------------------|----|-----------------|----|-----|-----|-----|----|----|----|----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| Shrub/Tree | <i>Ficus hispida</i> | 對葉榕 | Native | Very common | *** | ** | ** | | | | | | ** | ** | * | ** | | ** |
| Shrub/Tree | <i>Glochidion eriocarpum</i> | 毛果算盤子 | Native | Very common | | | | | | | | * | | ** | | | | |
| Shrub/Tree | <i>Glochidion lanceolarium</i> | 大葉算盤子 | Native | Common | | | | | | | | * | | | | | | |
| Shrub/Tree | <i>Lagerstroemia indica</i> | 紫薇 | Exotic | Regarded as Rare in Xing <i>et al.</i> (2000), protected under Cap. 96, but commonly planted | | | | | | | | | | | | | | * |
| Shrub/Tree | <i>Leucaena leucocephala</i> | 銀合歡 | Exotic | Cultivated or naturalized | ** | | *** | | | * | * | | * | | | ** | ** | ** |
| Shrub/Tree | <i>Ligustrum sinense</i> | 山指甲 | Exotic | Common, also widely cultivated | | * | | | | * | | | ** | | | ** | | * |
| Shrub/Tree | <i>Litsea cubeba</i> | 木薑子 | Native | Common | | | | | | ** | | * | | | * | | | * |
| Shrub/Tree | <i>Litsea rotundifolia</i> var. <i>oblongifolia</i> | 豺皮樟 | Native | Very common | | | | | | * | * | *** | | | ** | | | * |
| Shrub/Tree | <i>Mallotus paniculatus</i> | 白楸 | Native | Very common | | | | | | | | | *** | | ** | | | |
| Shrub/Tree | <i>Microcos nervosa</i> | 布渣葉 | Native | Common | | | | | | | | | *** | | ** | | | |
| Shrub/Tree | <i>Morus alba</i> | 桑 | Native | Common and cultivated | | | | | | | | | | | * | | | * |
| Shrub/Tree | <i>Osmanthus fragrans</i> | 桂花, 木犀 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Shrub/Tree | <i>Phyllanthus emblica</i> | 油甘子 | Native | Very common | | | | | | * | * | * | | | | | | * |
| Shrub/Tree | <i>Pittosporum tobira</i> | 海桐 | Exotic | Regarded as Rare in Xing <i>et al.</i> (2000), commonly planted for ornamental | | | | | | | | | | | | | | * |
| Shrub/Tree | <i>Psychotria asiatica</i> | 山大刀 | Native | Very common | | | | | | | | *** | *** | | ** | | | * |
| Shrub/Tree | <i>Raphiolepis indica</i> | 車輪梅 | Native | Very common | | | | | | * | ** | * | * | | | | | * |
| Shrub/Tree | <i>Saurauia tristyla</i> | 水東哥 | Native | Common | | | | | | | | | * | | | | | |
| Shrub/Tree | <i>Schefflera heptaphylla</i> | 鴨腳木 | Native | Very common | * | | | | | | * | ** | | | * | | | * |
| Shrub/Tree | <i>Senna surattensis</i> | 黃槐 | Exotic | Often planted | | | | | | | | | | | | | | * |
| Shrub/Tree | <i>Syzygium hancei</i> | 紅鱗蒲桃 | Native | Common | | | | | | | | | ** | | | | | |
| Shrub/Tree | <i>Trema tomentosa</i> | 山黃麻 | Native | Common | | | | | | | | | | | | | | * |
| Small Tree | <i>Rhus chinensis</i> | 鹽膚木 | Native | Common | | | | | | ** | ** | * | | | | | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|-------------|-----------------------------------|--------------|---------------------|--|----------------------------------|----|----|-------------------------|----|-----------------|----|----|----|-----|----|-----|----|-----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| Small Tree | <i>Rhus succedanea</i> | 野漆樹 | Native | Common | | | | | | | | ** | * | | | ** | | |
| Tree | <i>Acacia auriculiformis</i> | 耳果相思 | Exotic | Widely cultivated | | | | | | | * | ** | * | | | ** | | * |
| Tree | <i>Acacia confusa</i> | 台灣相思 | Exotic | Widely cultivated | | | | | | | * | | ** | | | *** | | * |
| Tree | <i>Antidesma bunius</i> | 五月茶 | Native | Common | | | | | | | | | | * | | * | | |
| Tree | <i>Aporosa dioica</i> | 銀柴 | Native | Very common | | | | | | | * | ** | ** | *** | | ** | | * |
| Tree | <i>Aquilaria sinensis</i> | 土沉香 | Native | Common, Protected under Cap. 586, listed as "Vulnerable" in China Plant Red Data Book, under State protection (Category II) in China (AFCD 2003; Pang <i>et al.</i> 2011), classified as "Vulnerable" on the IUCN Red List | | | | | | | | * | | * | | * | | * |
| Tree | <i>Araucaria heterophylla</i> | 異葉南洋杉 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Tree | <i>Archidendron lucidum</i> | 亮葉猴耳環 | Native | Common | | | | | | | | | * | | | * | | |
| Tree | <i>Archontophoenix alexandrae</i> | 假檳榔 | Exotic | Commonly cultivated | | | | | | | | | | | | * | | * |
| Tree | <i>Artocarpus heterophyllus</i> | 菠蘿蜜 | Exotic | Commonly planted for fruit | | | | ** | | | | | | * | | | | ** |
| Tree | <i>Bauhinia</i> spp. | 羊蹄甲屬 | - | - | | | | | | | | | | | | * | | ** |
| Tree | <i>Bauhinia variegata</i> | 宮粉羊蹄甲 | Exotic | Cultivated | | | | | | * | | | * | | | ** | | * |
| Tree | <i>Bauhinia x blakeana</i> | 洋紫荊 | Native | Cultivated | | | | | | | | | | | | * | | |
| Tree | <i>Bombax ceiba</i> | 木棉 | Exotic | Cultivated | | | | | | | * | | | | | * | | * |
| Tree | <i>Broussonetia papyrifera</i> | 構樹 | Native | Very common | | | | | | * | | | | | | | | |
| Tree | <i>Carica papaya</i> | 番木瓜 | Exotic | Cultivated | | | | *** | | | | | | | | ** | | * |
| Tree | <i>Castanopsis fissa</i> | 鰲菊錐 | Native | Common | | | | | | | | | | | | | | * |
| Tree | <i>Ceiba pentandra</i> | 美洲木棉 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Tree | <i>Celtis sinensis</i> | 朴 | Native | Common and widely planted | ** | ** | * | | | * | * | | ** | | | ** | | *** |
| Tree | <i>Celtis timorensis</i> | 樟葉朴 | Native | Restricted | | | | | | | | | | * | | * | | |
| Tree | <i>Chukrasia tabularis</i> | 麻棟 | Exotic | Cultivated | | | | | | | | | | | | * | | |
| Tree | <i>Cinnamomum burmannii</i> | 陰香 | Native | Common, also cultivated | | | | | | * | | | | | | | | |
| Tree | <i>Cinnamomum camphora</i> | 樟 | Native | Common, also cultivated | * | | | | | * | * | * | * | ** | | * | | ** |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | |
|-------------|--|--------------|---------------------|---|----------------------------------|-----|----|-------------------------|----|-----------------|----|----|----|-----|----|----|-----|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG |
| Tree | <i>Citrus reticulata</i> | 桔 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Clausena lansium</i> | 黃皮 | Exotic | Cultivated | | | | | | | | | | ** | | | * |
| Tree | <i>Cleistocalyx nervosum</i> | 水翁 | Native | Common | ** | | * | | | ** | | | ** | | | | * |
| Tree | <i>Delonix regia</i> | 鳳凰木 | Exotic | Cultivated | | | | | | | | | | | | * | * |
| Tree | <i>Dimocarpus longan</i> | 龍眼 | Exotic | Restricted, but widely cultivated and semi-naturalised | ** | *** | | ** | | * | | * | ** | *** | ** | | ** |
| Tree | <i>Elaeocarpus hainanensis</i> | 水石榕 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Eriobotrya japonica</i> | 枇杷 | Exotic | Cultivated | | | | | | | | | | ** | * | | * |
| Tree | <i>Erythrina speciosa</i> | 象牙花 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Erythrina variegata</i> | 刺桐 | Exotic | Cultivated | | | | | | | | | | | | * | |
| Tree | <i>Eucalyptus exserta</i> | 窿緣桉 | Exotic | Planted | | | | | | | | | | | ** | | |
| Tree | <i>Ficus benjamina</i> | 垂葉榕 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Ficus elastica</i> | 印度榕 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Ficus microcarpa</i> | 細葉榕 | Native | Common and widely cultivated | * | * | ** | | | * | * | | * | | * | | ** |
| Tree | <i>Ficus subpisocarpa</i> | 筆管榕 | Native | Common | * | | | | | ** | | * | * | | * | | |
| Tree | <i>Ficus variegata</i> | 青果榕 | Native | Common | | | | | | * | * | * | ** | | ** | | |
| Tree | <i>Ficus virens</i> | 大葉榕 | Native | Common | | | | | | | | * | | | * | | * |
| Tree | <i>Garcinia subelliptica</i> | 菲島福木 | Exotic | Planted | | | | | | | | | | | | | * |
| Tree | <i>Ilex rotunda</i> var. <i>microcarpa</i> | 小果鐵冬青 | Native | Common | | | | | | | | | * | | | | |
| Tree | <i>Juniperus chinensis</i> | 圓柏 | Exotic | Cultivated | | | | | | | | | | | | | * |
| Tree | <i>Juniperus chinensis</i> 'Kaizuka' | 龍柏 | Exotic | Cultivated | | | | | | | | | | | | * | * |
| Tree | <i>Lagerstroemia speciosa</i> | 大花紫薇 | Exotic | Cultivated | | | | | | | | | | | | | ** |
| Tree | <i>Liquidambar formosana</i> | 楓香 | Native | Common, also widely planted | | | | | | | | | | | * | | |
| Tree | <i>Litchi chinensis</i> | 荔枝 | Exotic | Regarded as Restricted in Xing <i>et al.</i> (2000), widely cultivated for fruits, also planted in fung shui wood | | | | | | | | | ** | | | | *** |
| Tree | <i>Litsea glutinosa</i> | 潺槁 | Native | Very common | | | | | | * | * | ** | | | ** | | * |
| Tree | <i>Litsea monopetala</i> | 假柿木薑子 | Native | Restricted | * | | | | | * | | * | | | * | | * |
| Tree | <i>Livistona chinensis</i> | 蒲葵 | Exotic | Cultivated | * | | | | | | | | | | | | * |
| Tree | <i>Lophostemon</i> | 紅膠木 | Exotic | Cultivated | | | | | | | | * | | | * | | |

| Growth Form | Scientific Name | Chinese Name | Origin ¹ | Hong Kong Status ² | Work Limit Boundary ³ | | | Study Area ³ | | | | | | | | | | |
|---|---|--------------|---------------------|---|----------------------------------|-----------|-----------|-------------------------|----------|-----------------|-----------|-----------|-----------|-----------|----------|------------|-----------|------------|
| | | | | | MWC | PL | UR | AG | PO | WC ⁺ | GR | GS | SW | FSW | OR | PL | WG | UR |
| | <i>confertus</i> | | | | | | | | | | | | | | | | | |
| Tree | <i>Macaranga tanarius</i> var. <i>tomentosa</i> | 血桐 | Native | Common | ** | * | ** | | | ** | | | * | ** | | ** | | *** |
| Tree | <i>Machilus chekiangensis</i> | 浙江潤楠 | Native | Very common | | | | | | | | | | ** | | | | |
| Tree | <i>Machilus pauhoi</i> | 刨花潤楠 | Native | Regarded as Very Rare in Xing <i>et al.</i> (2000), but found in several localities by AFCD (2007) and other observations | | | | | | | | | | | *** | | | |
| Tree | <i>Mangifera indica</i> | 杧果 | Exotic | Cultivated | | | | * | | | | | | | | | | * |
| Tree | <i>Melaleuca cajuputi</i> subsp. <i>cumingiana</i> | 白千層 | Exotic | Cultivated | | | *** | | | | | | * | | | ** | | ** |
| Tree | <i>Melia azedarach</i> | 苦楝 | Exotic | Cultivated or naturalized | | | | | | | | | * | | * | | | ** |
| Tree | <i>Michelia x alba</i> | 白蘭 | Exotic | Widely cultivated | | | | | | | | | | | | | | * |
| Tree | <i>Murraya paniculata</i> | 九里香 | Exotic | Cultivated or naturalized | | | | | | | | | | * | * | | | |
| Tree | <i>Myrsine seguinii</i> | 密花樹 | Native | Very common | | | | | | | | * | | | | | | |
| Tree | <i>Pandanus urophyllus</i> | 分叉露兜 | Native | Very common | | | | | | | | | * | | | | | |
| Tree | <i>Phoenix roebelenii</i> | 日本葵 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Tree | <i>Pinus elliottii</i> | 濕地松 | Exotic | Widely planted | | | | | | | | | | | | * | | |
| Tree | <i>Platycladus orientalis</i> | 側柏 | Exotic | Often planted | | | | | | | | | | | | | | * |
| Tree | <i>Plumeria rubra</i> | 雞蛋花 | Exotic | Commonly cultivated | | | | | | | | | | | | | | * |
| Tree | <i>Podocarpus macrophyllus</i> | 羅漢松 | Native | Restricted | | | | | | | | | | | | | | * |
| Tree | <i>Prunus mume</i> | 梅 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Tree | <i>Prunus persica</i> | 桃 | Exotic | Cultivated | | | | | | | | | | | | | | * |
| Tree | <i>Psidium guajava</i> | 番石榴 | Exotic | Common and often planted | | | | | * | | | | * | | | | | ** |
| Tree | <i>Schima superba</i> | 木荷 | Native | Common | | | | | | * | * | | | | | | | |
| Tree | <i>Sterculia lanceolata</i> | 假蘇婆 | Native | Very common | *** | | | | * | | | ** | *** | | * | | | ** |
| Tree | <i>Styrax suberifolius</i> | 栓葉安息香 | Native | Common | | | | | | | | * | | | | | | |
| Tree | <i>Syzygium jambos</i> | 蒲桃 | Exotic | Cultivated and naturalized | ** | | | | * | | | | ** | | * | | | ** |
| Tree | <i>Zanthoxylum avicennae</i> | 藎欖 | Native | Common | | | | | | | * | * | | | * | | | * |
| Total number of species recorded | | | | 299 | 63 | 17 | 19 | 17 | 8 | 47 | 46 | 46 | 67 | 56 | 6 | 108 | 11 | 175 |

Key for abundance: * = Scarce, ** = Occasional, *** = Frequent, ****= Abundant.

+ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Origin of plant species refers to AFCD (2012).
2. Status follows
 - a. Xing *et al.* (2000).
 - b. AFCD (2003).
 - c. AFCD (2007).
 - d. AFCD (2008).
 - e. AFCD (2009).
 - f. AFCD (2011).
 - g. Pang *et al.* (2011).
3. Habitat: AG=Agricultural Land, PO=Pond, MWC = Minor Watercourse, WC=Watercourse, GR=Grassland, GS=Grassland/Shrubland, SW=Secondary Woodland, FSW=Fung Shui Wood, OR=Orchard, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table D2.1. Maximum count of mammal species recorded within the 500m Study Area of Ha Che.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Study Area | | |
|---|--------------------------------|---|-------------------------------|------------|--------------------|------------|
| | | | | Grassland | Secondary Woodland | Plantation |
| Musk Shrew | <i>Suncus murinus</i> | - | Common | | 1* | |
| Pallas's Squirrel | <i>Callosciurus erythraeus</i> | Cap. 170 | Common | | | 2 |
| Masked Palm Civet | <i>Paguma larvata</i> | PRC, Cap. 170, Cap. 586 | Common | scat | | |
| Total number of species recorded | | | | 1 | 1 | 1 |

Key:

* Dead individual.

Note:

1. Conservation and protection status:
 - a. Fellowes *et al.* (2002): PRC=Potential Regional Concern.
 - b. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance.
 - c. Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.
2. Hong Kong status refers to AFCD (2015a).

Table D2.2. Raw data of mammal species recorded on transects or point count location at the 500m Study Area of Ha Che.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|--|--------------------|-------------------|--------------------------------|-----------|-----------|
| SA | T4 | Secondary Woodland | Musk Shrew | <i>Suncus murinus</i> | 1 | 13-May-15 |
| SA | T9 | Plantation | Pallas's Squirrel | <i>Callosciurus erythraeus</i> | 2 | 26-Jun-15 |
| SA | (at the egret flightline survey observation point) | Grassland | Masked Palm Civet | <i>Paguma larvata</i> | Scat | 8-Jul-15 |

Table D3.1. Mean count of bird species recorded within the 500m Study Area of Ha Che.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | | | | |
|-------------------------------|-----------------------------------|---|-------------------------------|----------------------------------|-------------------------|-----|-----------------|-----|-----|-----|-----|-----|-----|
| | | | | | MWC | PO | WC ⁺ | GS | SW | FSW | PL | WG | UR |
| Chinese Francolin | <i>Francolinus pintadeanus</i> | - | R | | | | | | 0.2 | | 0.2 | | |
| Chinese Pond Heron | <i>Ardeola bacchus</i> | PRC (RC) | P | | 0.2 | | | | 0.3 | 2.5 | | 2.5 | |
| Eastern Cattle Egret | <i>Bubulcus coromandus</i> | (LC) | P | | | 0.3 | | | | | | | |
| Little Egret | <i>Egretta garzetta</i> | PRC (RC) | P | | | 1.0 | | | | | | | |
| Crested Serpent Eagle | <i>Spilornis cheela</i> | (LC), CRDB(VU) | R,M | | | | | | | | | | 0.2 |
| White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | - | R | 0.2 | | 0.3 | | | | | | | |
| Wood Sandpiper | <i>Tringa glareola</i> | LC | M,W | | | 0.2 | | | | | | | |
| Spotted Dove | <i>Spilopelia chinensis</i> | - | R | 0.8 | | | 0.8 | 0.3 | | 2.2 | 0.8 | 5.2 | |
| Greater Coucal | <i>Centropus sinensis</i> | CRDB(VU) | R | | | | | | | 0.2 | 0.3 | | |
| Asian Koel | <i>Eudynamis scolopaceus</i> | - | Su,R | | | | | 0.2 | 0.2 | 0.3 | | | |
| Plaintive Cuckoo | <i>Cacomantis merulinus</i> | - | Su | | | | | | | 0.2 | | 0.2 | |
| Large Hawk Cuckoo | <i>Hierococcyx sparveriioides</i> | - | Su | | | | | 0.3 | | 0.2 | | | |
| Cinereous Tit | <i>Parus cinereus</i> | - | R | | | | | 0.7 | | | 0.8 | | |
| Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | - | R | | | | 0.8 | 2.0 | 1.2 | 1.7 | 1.0 | 1.7 | |
| Chinese Bulbul | <i>Pycnonotus sinensis</i> | - | R | | | | | | | 0.2 | 1.8 | 2.2 | |
| Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | - | R | | | | | | | | | 1.0 | |
| Barn Swallow | <i>Hirundo rustica</i> | - | SpM,Su | | | | | | | 3.8 | | | |
| Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | - | W | | | | | | | | | 0.3 | |
| Yellow-bellied Prinia | <i>Prinia flaviventris</i> | - | R | | | 0.3 | | 0.3 | | 0.3 | 0.3 | 0.5 | |
| Common Tailorbird | <i>Orthotomus sutorius</i> | - | R | | | | 0.3 | | 0.3 | 1.2 | 0.2 | 1.2 | |
| Masked Laughingthrush | <i>Garrulax perspicillatus</i> | - | R | 2.0 | | | | 2.7 | 0.7 | 1.3 | 1.0 | 2.8 | |
| Black-throated Laughingthrush | <i>Garrulax chinensis</i> | - | R | | | | | | | 0.3 | | | |
| Japanese White-eye | <i>Zosterops japonicus</i> | - | R,?W | | | | 0.3 | 3.3 | 1.8 | 5.8 | 2.3 | 1.2 | |
| Crested Myna | <i>Acridotheres cristatellus</i> | - | R | | | | | | | | | 3.8 | |
| Common Myna | <i>Acridotheres tristis</i> | - | R | | | | | | | | 0.2 | | |

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Principal Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | | | | | |
|---|------------------------------|---|-------------------------------|----------------------------------|-------------------------|----------|-----------------|-----------|----------|-----------|-----------|-----------|----------|-----------|
| | | | | | MWC | PO | WC ⁺ | GS | SW | FSW | PL | WG | UR | In Flight |
| Black-collared Starling | <i>Gracupica nigricollis</i> | - | R | | | | 0.5 | | | | | | | |
| Common Blackbird | <i>Turdus merula</i> | - | W,M | | | | | | | | | | 0.2 | |
| Oriental Magpie Robin | <i>Copsychus saularis</i> | - | R | | | | | 0.5 | | 1.2 | | | 2.5 | |
| Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | - | R | | | | | 0.8 | | 0.2 | 0.2 | 0.7 | | |
| Fork-tailed Sunbird | <i>Aethopyga christinae</i> | - | R | | | | | 0.2 | 0.3 | 0.3 | | | | |
| Eurasian Tree Sparrow | <i>Passer montanus</i> | - | R | | | | | | | 3.3 | | | 2.2 | |
| Grey Wagtail | <i>Motacilla cinerea</i> | - | W | 0.2 | | 0.3 | | | | | | | | |
| White Wagtail | <i>Motacilla alba</i> | - | W,R | 0.5 | | 0.2 | | | | | | | | |
| Total number of species recorded | | | | 5 | 1 | 7 | 5 | 11 | 8 | 18 | 12 | 16 | 1 | |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:
 - a. Fellowes *et al.* (2002): LC=Local Concern, PRC=Potential Regional Concern, RC=Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
 - b. Zheng and Wang (1998): VU=Vulnerable.
2. Principal status refers to Carey *et al.* (2001): R=resident, W=winter visitor, Su=summer visitor, M=migrant, Sp=spring, P=present all year, exact composition unknown; “?” = possible status.
3. Habitat: PO=Pond, MWC = Minor Watercourse, WC=Watercourse, GS=Grassland/Shrubland, SW=Secondary Woodland, FSW=Fung Shui Wood, PL=Plantation, WG=Waste Ground, UR=Urban/Residential Area.

Table D3.2. Raw data of bird species recorded on transects or at point count locations at the 500m Study Area of Ha Che.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------|--------------------------------|-----------|-----------|---------|
| WLB | A3 | Minor Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 24-Feb-15 | |
| WLB | P1 | Minor Watercourse | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 6 | 25-Mar-15 | |
| WLB | P1 | Minor Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 25-Mar-15 | |
| WLB | P1 | Minor Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 1 | 28-Apr-15 | |
| WLB | P1 | Minor Watercourse | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 6 | 17-Jul-15 | |
| WLB | P1 | Minor Watercourse | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 17-Jul-15 | |
| WLB | P3 | Minor Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 24-Feb-15 | |
| WLB | P3 | Minor Watercourse | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 24-Feb-15 | |
| WLB | P4 | Minor Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 28-Apr-15 | |
| WLB | T4 | Minor Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 24-Feb-15 | |
| SA | P1 | Plantation | Fork-tailed Sunbird | <i>Aethopyga christinae</i> | 1 | 28-Apr-15 | |
| SA | P1 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 28-Apr-15 | |
| SA | P1 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 24-Feb-15 | |
| SA | P1 | Urban/ Residential Area | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 24-Feb-15 | |
| SA | P1 | Urban/ Residential Area | Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | 3 | 25-Mar-15 | |
| SA | P1 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 25-Mar-15 | |
| SA | P1 | Urban/ Residential Area | Plaintive Cuckoo | <i>Cacomantis merulinus</i> | 1 | 28-Apr-15 | |
| SA | P1 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 28-Apr-15 | |
| SA | P1 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 1 | 28-Apr-15 | |
| SA | P1 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 28-Apr-15 | |
| SA | P1 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 28-Apr-15 | |
| SA | P1 | Urban/ Residential Area | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 28-Apr-15 | |
| SA | P1 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 28-Apr-15 | |
| SA | P1 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 13-May-15 | |
| SA | P1 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 13-May-15 | |
| SA | P1 | Urban/ Residential Area | Sooty-headed Bulbul | <i>Pycnonotus aurigaster</i> | 3 | 17-Jul-15 | |
| SA | P1 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 17-Jul-15 | |
| SA | P2 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 25-Mar-15 | |
| SA | P2 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 25-Mar-15 | |
| SA | P2 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 25-Mar-15 | |
| SA | P2 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 17-Jul-15 | |
| SA | P2 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 17-Jul-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-----------------------|----------------------------------|-----------|-----------|---------|
| SA | P2 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 1 | 17-Jul-15 | |
| SA | P2 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 25-Mar-15 | |
| SA | P2 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 25-Mar-15 | |
| SA | P2 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 25-Mar-15 | |
| SA | P2 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 3 | 25-Mar-15 | |
| SA | P2 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 25-Mar-15 | |
| SA | P2 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 1 | 26-Jun-15 | |
| SA | P2 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 2 | 26-Jun-15 | |
| SA | P2 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 17-Jul-15 | |
| SA | P2 | Urban/ Residential Area | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 17-Jul-15 | |
| SA | P2 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 17-Jul-15 | |
| SA | P2 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 3 | 17-Jul-15 | |
| SA | P2 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 17-Jul-15 | |
| SA | P3 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 24-Feb-15 | |
| SA | P3 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 24-Feb-15 | |
| SA | P3 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 24-Feb-15 | |
| SA | P3 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 24-Feb-15 | |
| SA | P4 | Urban/ Residential Area | Common Blackbird | <i>Turdus merula</i> | 1 | 24-Feb-15 | |
| SA | P4 | Urban/ Residential Area | Yellow-browed Warbler | <i>Phylloscopus inornatus</i> | 1 | 24-Feb-15 | |
| SA | P4 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 25-Mar-15 | |
| SA | P4 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 25-Mar-15 | |
| SA | P4 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 25-Mar-15 | |
| SA | P4 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 3 | 25-Mar-15 | |
| SA | P4 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 25-Mar-15 | |
| SA | P4 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 25-Mar-15 | |
| SA | P4 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 17-Jul-15 | |
| SA | P4 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 17-Jul-15 | |
| SA | P4 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 17-Jul-15 | |
| SA | P4 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 3 | 17-Jul-15 | |
| SA | P4 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 2 | 17-Jul-15 | |
| SA | P4 | Urban/ Residential Area | Eurasian Tree Sparrow | <i>Passer montanus</i> | 5 | 17-Jul-15 | |
| SA | P4 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 28-Apr-15 | |
| SA | P4 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 28-Apr-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|----------------------|-----------------------------|--------------------------------|-----------|-----------|---------|
| SA | P4 | Waste Ground | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 1 | 28-Apr-15 | |
| SA | P4 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 28-Apr-15 | |
| SA | P4 | Waste Ground | Cinereous Tit | <i>Parus cinereus</i> | 1 | 28-Apr-15 | |
| SA | P4 | Waste Ground | Common Myna | <i>Acridotheres tristis</i> | 1 | 28-Apr-15 | |
| SA | P4 | Watercourse | White Wagtail | <i>Motacilla alba</i> | 1 | 24-Feb-15 | |
| SA | P4 | Watercourse | White-breasted Waterhen | <i>Amaurornis phoenicurus</i> | 2 | 24-Feb-15 | |
| SA | P4 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 4 | 24-Feb-15 | |
| SA | P4 | Watercourse | Eastern Cattle Egret | <i>Bubulcus coromandus</i> | 2 | 24-Feb-15 | |
| SA | P4 | Watercourse | Little Egret | <i>Egretta garzetta</i> | 2 | 25-Mar-15 | |
| SA | P4 | Watercourse | Wood Sandpiper | <i>Tringa glareola</i> | 1 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 24-Feb-15 | |
| SA | P5 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 24-Feb-15 | |
| SA | P5 | Waste Ground | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 24-Feb-15 | |
| SA | P5 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 24-Feb-15 | |
| SA | P5 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Cinereous Tit | <i>Parus cinereus</i> | 2 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Greater Coucal | <i>Centropus sinensis</i> | 1 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 5 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 25-Mar-15 | |
| SA | P5 | Waste Ground | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 17-Jul-15 | |
| SA | P5 | Waste Ground | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 17-Jul-15 | |
| SA | P5 | Waste Ground | Cinereous Tit | <i>Parus cinereus</i> | 2 | 17-Jul-15 | |
| SA | P5 | Waste Ground | Greater Coucal | <i>Centropus sinensis</i> | 1 | 17-Jul-15 | |
| SA | P5 | Waste Ground | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 5 | 17-Jul-15 | |
| SA | P5 | Waste Ground | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 17-Jul-15 | |
| SA | P5 | Waste Ground | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 17-Jul-15 | |
| SA | P5 | Waste Ground | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 17-Jul-15 | |
| SA | T2 | Grassland/ Shrubland | Common Tailorbird | <i>Orthotomus sutorius</i> | 2 | 17-Jul-15 | |
| SA | T2 | Grassland/ Shrubland | Spotted Dove | <i>Spilopelia chinensis</i> | 5 | 17-Jul-15 | |
| SA | T2 | Grassland/ Shrubland | Black-collared Starling | <i>Gracupica nigricollis</i> | 3 | 17-Jul-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|----------------------|-----------------------------|----------------------------------|-----------|-----------|-----------|
| SA | T2 | Grassland/ Shrubland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 5 | 17-Jul-15 | |
| SA | T2 | Grassland/ Shrubland | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 17-Jul-15 | |
| SA | T4 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 24-Feb-15 | |
| SA | T4 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 24-Feb-15 | |
| SA | T4 | In flight | Crested Serpent Eagle | <i>Spilornis cheela</i> | 1 | 13-May-15 | In flight |
| SA | T4 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 28-Apr-15 | |
| SA | T4 | Plantation | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 28-Apr-15 | |
| SA | T4 | Plantation | Plaintive Cuckoo | <i>Cacomantis merulinus</i> | 1 | 28-Apr-15 | |
| SA | T4 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 28-Apr-15 | |
| SA | T4 | Plantation | Greater Coucal | <i>Centropus sinensis</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Fork-tailed Sunbird | <i>Aethopyga christinae</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 13-May-15 | |
| SA | T4 | Plantation | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 13-May-15 | |
| SA | T4 | Secondary Woodland | Cinereous Tit | <i>Parus cinereus</i> | 2 | 25-Mar-15 | |
| SA | T4 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 25-Mar-15 | |
| SA | T4 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 25-Mar-15 | |
| SA | T4 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 25-Mar-15 | |
| SA | T4 | Secondary Woodland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 25-Mar-15 | |
| SA | T4 | Secondary Woodland | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 2 | 25-Mar-15 | |
| SA | T4 | Secondary Woodland | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 25-Mar-15 | |
| SA | T4 | Secondary Woodland | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 1 | 28-Apr-15 | |
| SA | T4 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 28-Apr-15 | |
| SA | T4 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 4 | 26-Jun-15 | |
| SA | T4 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 26-Jun-15 | |
| SA | T4 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 26-Jun-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------|-----------------------------|----------------------------------|-----------|-----------|---------|
| SA | T4 | Secondary Woodland | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 26-Jun-15 | |
| SA | T4 | Secondary Woodland | Fork-tailed Sunbird | <i>Aethopyga christinae</i> | 1 | 26-Jun-15 | |
| SA | T4 | Secondary Woodland | Cinereous Tit | <i>Parus cinereus</i> | 2 | 17-Jul-15 | |
| SA | T4 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 17-Jul-15 | |
| SA | T4 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 17-Jul-15 | |
| SA | T4 | Secondary Woodland | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 17-Jul-15 | |
| SA | T4 | Secondary Woodland | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 17-Jul-15 | |
| SA | T4 | Secondary Woodland | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 2 | 17-Jul-15 | |
| SA | T4 | Secondary Woodland | Large Hawk Cuckoo | <i>Hierococcyx sparverioides</i> | 1 | 17-Jul-15 | |
| SA | T6 | Fung Shui Woodland | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 13-May-15 | |
| SA | T6 | Fung Shui Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 13-May-15 | |
| SA | T6 | Fung Shui Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 1 | 13-May-15 | |
| SA | T6 | Fung Shui Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 13-May-15 | |
| SA | T6 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 24-Feb-15 | |
| SA | T6 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 24-Feb-15 | |
| SA | T6 | Plantation | Eurasian Tree Sparrow | <i>Passer montanus</i> | 10 | 25-Mar-15 | |
| SA | T6 | Plantation | Barn Swallow | <i>Hirundo rustica</i> | 5 | 25-Mar-15 | |
| SA | T6 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 5 | 25-Mar-15 | |
| SA | T6 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 25-Mar-15 | |
| SA | T6 | Plantation | Eurasian Tree Sparrow | <i>Passer montanus</i> | 10 | 17-Jul-15 | |
| SA | T6 | Plantation | Barn Swallow | <i>Hirundo rustica</i> | 5 | 17-Jul-15 | |
| SA | T6 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 5 | 17-Jul-15 | |
| SA | T6 | Plantation | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 17-Jul-15 | |
| SA | T6 | Secondary Woodland | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 17-Jul-15 | |
| SA | T7 | Fung Shui Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 25-Mar-15 | |
| SA | T7 | Fung Shui Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 25-Mar-15 | |
| SA | T7 | Fung Shui Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 25-Mar-15 | |
| SA | T7 | Fung Shui Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 26-Jun-15 | |
| SA | T7 | Fung Shui Woodland | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 26-Jun-15 | |
| SA | T7 | Fung Shui Woodland | Fork-tailed Sunbird | <i>Aethopyga christinae</i> | 1 | 26-Jun-15 | |
| SA | T7 | Fung Shui Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 26-Jun-15 | |
| SA | T7 | Fung Shui Woodland | Fork-tailed Sunbird | <i>Aethopyga christinae</i> | 1 | 17-Jul-15 | |
| SA | T7 | Fung Shui Woodland | Chinese Pond Heron | <i>Ardeola bacchus</i> | 2 | 17-Jul-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-----------------------|--------------------------------|-----------|-----------|---------|
| SA | T7 | Fung Shui Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 17-Jul-15 | |
| SA | T7 | Fung Shui Woodland | Chinese Francolin | <i>Francolinus pintadeanus</i> | 1 | 17-Jul-15 | |
| SA | T7 | Fung Shui Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 2 | 17-Jul-15 | |
| SA | T7 | Fung Shui Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 2 | 17-Jul-15 | |
| SA | T7 | Fung Shui Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 17-Jul-15 | |
| SA | T7 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 25-Mar-15 | |
| SA | T7 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 25-Mar-15 | |
| SA | T7 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 25-Mar-15 | |
| SA | T7 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 25-Mar-15 | |
| SA | T7 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 5 | 25-Mar-15 | |
| SA | T7 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 25-Mar-15 | |
| SA | T7 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 17-Jul-15 | |
| SA | T7 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 1 | 17-Jul-15 | |
| SA | T7 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 17-Jul-15 | |
| SA | T7 | Secondary Woodland | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 17-Jul-15 | |
| SA | T7 | Secondary Woodland | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 5 | 17-Jul-15 | |
| SA | T7 | Secondary Woodland | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 17-Jul-15 | |
| SA | T7 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 25-Mar-15 | |
| SA | T7 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 25-Mar-15 | |
| SA | T7 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 25-Mar-15 | |
| SA | T7 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 25-Mar-15 | |
| SA | T7 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 25-Mar-15 | |
| SA | T7 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 17-Jul-15 | |
| SA | T7 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 17-Jul-15 | |
| SA | T7 | Urban/ Residential Area | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 17-Jul-15 | |
| SA | T7 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 1 | 17-Jul-15 | |
| SA | T7 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 17-Jul-15 | |
| SA | T8 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 3 | 24-Feb-15 | |
| SA | T8 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 24-Feb-15 | |
| SA | T8 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 3 | 24-Feb-15 | |
| SA | T8 | Plantation | Spotted Dove | <i>Spilopelia chinensis</i> | 1 | 24-Feb-15 | |
| SA | T8 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 25-Mar-15 | |
| SA | T8 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 25-Mar-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-------------------------------|----------------------------------|-----------|-----------|---------|
| SA | T8 | Plantation | Barn Swallow | <i>Hirundo rustica</i> | 6 | 25-Mar-15 | |
| SA | T8 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 25-Mar-15 | |
| SA | T8 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 25-Mar-15 | |
| SA | T8 | Plantation | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 25-Mar-15 | |
| SA | T8 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 25-Mar-15 | |
| SA | T8 | Plantation | Asian Koel | <i>Eudynamis scolopaceus</i> | 1 | 28-Apr-15 | |
| SA | T8 | Plantation | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 28-Apr-15 | |
| SA | T8 | Plantation | Barn Swallow | <i>Hirundo rustica</i> | 1 | 28-Apr-15 | |
| SA | T8 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 17-Jul-15 | |
| SA | T8 | Plantation | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 3 | 17-Jul-15 | |
| SA | T8 | Plantation | Barn Swallow | <i>Hirundo rustica</i> | 6 | 17-Jul-15 | |
| SA | T8 | Plantation | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 17-Jul-15 | |
| SA | T8 | Plantation | Red-whiskered Bulbul | <i>Pycnonotus jocosus</i> | 2 | 17-Jul-15 | |
| SA | T8 | Plantation | Black-throated Laughingthrush | <i>Garrulax chinensis</i> | 1 | 17-Jul-15 | |
| SA | T8 | Plantation | Japanese White-eye | <i>Zosterops japonicus</i> | 5 | 17-Jul-15 | |
| SA | T8 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 25-Mar-15 | |
| SA | T8 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 17-Jul-15 | |
| SA | T9 | Plantation | Chinese Pond Heron | <i>Ardeola bacchus</i> | 10 | 26-Jun-15 | |
| SA | T10 | Pond | Chinese Pond Heron | <i>Ardeola bacchus</i> | 1 | 28-Apr-15 | |
| SA | T11 | Urban/ Residential Area | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 25-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 2 | 25-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 25-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 5 | 25-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 25-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 25-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 5 | 25-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 25-Mar-15 | |
| SA | T11 | Urban/ Residential Area | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 17-Jul-15 | |
| SA | T11 | Urban/ Residential Area | Scarlet-backed Flowerpecker | <i>Dicaeum cruentatum</i> | 2 | 17-Jul-15 | |
| SA | T11 | Urban/ Residential Area | Common Tailorbird | <i>Orthotomus sutorius</i> | 1 | 17-Jul-15 | |
| SA | T11 | Urban/ Residential Area | Masked Laughingthrush | <i>Garrulax perspicillatus</i> | 5 | 17-Jul-15 | |
| SA | T11 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 1 | 17-Jul-15 | |
| SA | T11 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 2 | 17-Jul-15 | |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|-------------------------|-----------------------|----------------------------------|-----------|-----------|---------------------|
| SA | T11 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 5 | 17-Jul-15 | |
| SA | T11 | Urban/ Residential Area | Chinese Bulbul | <i>Pycnonotus sinensis</i> | 2 | 17-Jul-15 | |
| SA | T11 | Watercourse | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 25-Mar-15 | |
| SA | T11 | Watercourse | Grey Wagtail | <i>Motacilla cinerea</i> | 1 | 17-Jul-15 | |
| SA | T12 | Plantation | Chinese Pond Heron | <i>Ardeola bacchus</i> | 5 | 17-Jul-15 | Recorded in egretry |
| SA | T12 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 25-Mar-15 | |
| SA | T12 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 5 | 25-Mar-15 | |
| SA | T12 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 4 | 25-Mar-15 | |
| SA | T12 | Urban/ Residential Area | Chinese Pond Heron | <i>Ardeola bacchus</i> | 15 | 13-May-15 | Recorded in egretry |
| SA | T12 | Urban/ Residential Area | Oriental Magpie Robin | <i>Copsychus saularis</i> | 2 | 17-Jul-15 | |
| SA | T12 | Urban/ Residential Area | Spotted Dove | <i>Spilopelia chinensis</i> | 5 | 17-Jul-15 | |
| SA | T12 | Urban/ Residential Area | Crested Myna | <i>Acridotheres cristatellus</i> | 4 | 17-Jul-15 | |
| SA | T12 | Watercourse | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 25-Mar-15 | |
| SA | T12 | Watercourse | Yellow-bellied Prinia | <i>Prinia flaviventris</i> | 1 | 17-Jul-15 | |

Table D4.1. Maximum count of reptile species recorded within the 500m Study Area of Ha Che.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary | Study Area | |
|---|------------------------------|---|------------------------------------|---------------------|------------|----------------|
| | | | | Minor Watercourse | Pond | Fung Shui Wood |
| Red-eared Slider | <i>Trachemys scripta</i> | Cap. 170 | Introduced and naturalised species | | 4 | |
| Long-tailed Skink | <i>Eutropis longicaudata</i> | - | Fairly common and widespread | 1* | | 1 |
| Total number of species recorded | | | | 1 | 1 | 1 |

Key:

* Dead individual.

Notes:

1. Conservation and protection status:
 - a. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance.
2. Hong Kong status refers to Karsen *et al.* (1998).

Table D4.2. Raw data of reptile species recorded on transects or point count location at the 500m Study Area of Ha Che.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date | Remarks |
|--|-------------------------------|--------------------|-------------------|------------------------------|-----------|-----------|---------|
| WLB | P2 | Minor Watercourse | Long-tailed Skink | <i>Eutropis longicaudata</i> | 1 | 13-May-15 | Dead |
| SA | T7 | Fung Shui Woodland | Long-tailed Skink | <i>Eutropis longicaudata</i> | 1 | 13-May-15 | |
| SA | T10 | Pond | Red-eared Slider | <i>Trachemys scripta</i> | 4 | 13-May-15 | |

Table D5.1. Maximum count of amphibian species recorded within the 500m Study Area of Ha Che.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary | Study Area | |
|---|-------------------------------------|---|---|---------------------|--------------------------|--------------|
| | | | | Minor Watercourse | Watercourse [†] | Waste Ground |
| Hong Kong Newt | <i>Paramesotriton hongkongensis</i> | IUCN(NT), PGC, Cap. 170 | Widely distributed in mountain streams throughout New Territories, Lantau Island and Hong Kong Island | | 3 | |
| Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | - | Widely distributed from low to moderate altitudes in northern and central New Territories | | | 5 |
| Paddy Frog | <i>Fejervarya limnocharis</i> | - | Widely distributed in Hong Kong | | 1 | |
| Günther's Frog | <i>Rana guentheri</i> | - | Widely distributed throughout Hong Kong | 2 | | |
| Total number of species recorded | | | | 1 | 2 | 1 |

Key:

[†] Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status:
 - a. IUCN (2015): NT=Near Threatened.
 - b. Fellowes *et al.* (2002): PGC=Potential Global Concern.
2. Hong Kong status refers to AFCD (2015a).

Table D5.2. Raw data of amphibian species recorded on transects or at point count locations at the 500m Study Area of Ha Che.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|-------------------|-----------------------------|-------------------------------------|-----------|-----------|
| WLB | T7 | Minor Watercourse | Günther's Frog | <i>Rana guentheri</i> | 2 | 13-May-15 |
| SA | T4 | Waste Ground | Spotted Narrow-mouthed Frog | <i>Kalophrynus interlineatus</i> | 5 | 26-Jun-15 |
| SA | T7 | Watercourse | Hong Kong Newt | <i>Paramesotriton hongkongensis</i> | 3 | 24-Feb-15 |
| SA | T7 | Watercourse | Paddy Frog | <i>Fejervarya limnocharis</i> | 1 | 24-Feb-15 |

Table D6.1. Mean count of dragonfly species recorded within the 500m Study Area of Ha Che.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary | Study Area | |
|---|--------------------------------|---|-------------------------------|---------------------|--------------------------|-------------------------|
| | | | | Minor Watercourse | Watercourse ⁺ | Urban/ Residential Area |
| Orange-tailed Midget | <i>Agriocnemis femina</i> | - | Abundant | 0.3 | | |
| Orange-tailed Sprite | <i>Ceragrion auranticum</i> | - | Abundant | 1.0 | 1.7 | |
| Common Bluetail | <i>Ischnura senegalensis</i> | - | Abundant | | 0.3 | |
| Yellow Featherlegs | <i>Copera marginipes</i> | - | Abundant | 1.7 | 1.0 | |
| Black Threadtail | <i>Prodasineura autumnalis</i> | - | Abundant | | 0.7 | |
| Common Red Skimmer | <i>Orthetrum pruinosum</i> | - | Abundant | 1.0 | | |
| Green Skimmer | <i>Orthetrum sabina</i> | - | Abundant | 0.3 | | |
| Wandering Glider | <i>Pantala flavescens</i> | - | Abundant | | | 0.7 |
| Crimson Dropwing | <i>Trithemis aurora</i> | - | Abundant | 0.3 | 0.3 | |
| Indigo Dropwing | <i>Trithemis festiva</i> | - | Abundant | 0.3 | | |
| Total number of species recorded | | | | 7 | 5 | 1 |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status refers to IUCN (2015), Fellowes *et al.* (2002), Cap. 170 and Cap. 586.
2. Hong Kong status refers to AFCD (2015a).

Table D6.2. Raw data of dragonfly species recorded on transects or at point count locations at the 500m Study Area of Ha Che.

| Work Limit Boundary (WLB/ Study Area (SA)) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|-------------------------|----------------------|--------------------------------|-----------|-----------|
| WLB | P2 | Minor Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 5 | 13-May-15 |
| WLB | P2 | Minor Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 2 | 13-May-15 |
| WLB | P4 | Minor Watercourse | Indigo Dropwing | <i>Trithemis festiva</i> | 1 | 26-Jun-15 |
| WLB | P4 | Minor Watercourse | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 26-Jun-15 |
| WLB | P4 | Minor Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 2 | 26-Jun-15 |
| WLB | P4 | Minor Watercourse | Common Red Skimmer | <i>Orthetrum pruinosum</i> | 1 | 28-Apr-15 |
| WLB | P4 | Minor Watercourse | Green Skimmer | <i>Orthetrum sabina</i> | 1 | 28-Apr-15 |
| WLB | P4 | Minor Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 1 | 28-Apr-15 |
| WLB | P4 | Minor Watercourse | Orange-tailed Midget | <i>Agriocnemis femina</i> | 1 | 28-Apr-15 |
| SA | P5 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 25-Mar-15 |
| SA | P5 | Watercourse | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 25-Mar-15 |
| SA | P5 | Watercourse | Common Bluetail | <i>Ischnura senegalensis</i> | 1 | 25-Mar-15 |
| SA | T6 | Urban/ Residential Area | Wandering Glider | <i>Pantala flavescens</i> | 2 | 25-Mar-15 |
| SA | T7 | Watercourse | Black Threadtail | <i>Prodasineura autumnalis</i> | 2 | 26-Jun-15 |
| SA | T7 | Watercourse | Yellow Featherlegs | <i>Copera marginipes</i> | 2 | 26-Jun-15 |
| SA | T7 | Watercourse | Orange-tailed Sprite | <i>Ceriagrion auranticum</i> | 5 | 26-Jun-15 |

Table D7.1. Mean count of butterfly species recorded within the 500m Study Area of Ha Che.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Work Limit Boundary ³ | Study Area ³ | | | | | | | | |
|---|------------------------------|---|-------------------------------|----------------------------------|-------------------------|-----------------|----------|----------|----------|----------|-----------|----------|-----|
| | | | | MWC | AG | WC ⁺ | GR | GS | SW | FSW | PL | UR | |
| Purple Sapphire | <i>Heliophorus epicles</i> | - | Common | 0.3 | | | | | | | | | |
| Plains Cupid | <i>Chilades pandava</i> | - | Uncommon | | | | | | | | | 0.3 | |
| Long-tailed Blue | <i>Lampides boeticus</i> | - | Common | | 0.3 | | | | | | | | |
| Pale Grass Blue | <i>Pseudozizeeria maha</i> | - | Very Common | | | | | | | | | 0.7 | 1.0 |
| Plum Judy | <i>Abisara echerius</i> | - | Very Common | | | | | | 0.3 | | | | |
| Plain Tiger | <i>Danaus chrysippus</i> | - | Uncommon | | | | | | | | | 0.3 | |
| Angled Castor | <i>Ariadne ariadne</i> | - | Common | | | | | | | | | 0.3 | |
| Blue Admiral | <i>Kaniska canace</i> | - | Common | | | | | | | | | 0.3 | |
| Five-dot Sergeant | <i>Parathyma sulphita</i> | - | Common | | | | | 0.3 | | | | | |
| Common Palmfly | <i>Elymnias hypermnestra</i> | - | Common | | | | | | | | | 0.3 | |
| Common Evening Brown | <i>Melanitis leda</i> | - | Common | | | | | | 0.7 | | | | |
| Dark-brand Bush Brown | <i>Mycalesis mineus</i> | - | Very Common | 0.3 | | 0.3 | | | | | | 0.7 | |
| Common Five-ring | <i>Ypthima baldus</i> | - | Very Common | | 0.7 | | | 0.3 | | | | | |
| Common Bluebottle | <i>Graphium sarpedon</i> | - | Very Common | | | | | | | | | 0.3 | |
| Red Helen | <i>Papilio helenus</i> | - | Very Common | | | | | 0.3 | 0.3 | 0.3 | | | |
| Great Mormon | <i>Papilio memnon</i> | - | Very Common | | | | 0.3 | | | | | | 0.3 |
| Paris Peacock | <i>Papilio paris</i> | - | Very Common | 0.3 | | | | 0.3 | | | | | |
| Common Mormon | <i>Papilio polytes</i> | - | Very Common | | | | | | 0.3 | | | 0.3 | 0.3 |
| Spangle | <i>Papilio protenor</i> | - | Very Common | | | | | | | 0.3 | | 0.3 | 0.3 |
| Lemon Emigrant | <i>Catopsilia pomona</i> | - | Common | | | | 0.3 | | | | | | |
| Three-spot Grass Yellow | <i>Eurema blanda</i> | - | Common | | | | | | | | | 0.3 | |
| Common Grass Yellow | <i>Eurema hecabe</i> | - | Very Common | | | | 0.3 | | | | | 0.7 | |
| Painted Jezebel | <i>Delias hyparete</i> | - | Uncommon | | | | | | | | | 0.3 | |
| Red-base Jezebel | <i>Delias pasithoe</i> | - | Very Common | | | | | | | | | | 0.3 |
| Indian Cabbage White | <i>Pieris canidia</i> | - | Very Common | 1.0 | 1.0 | 1.3 | | | | | | 0.7 | |
| Total number of species recorded | | | | 4 | 3 | 2 | 3 | 4 | 4 | 2 | 14 | 5 | |

Key:

⁺ Data of Major Channelised Watercourse and Minor Watercourse are grouped.

Notes:

1. Conservation and protection status refers to IUCN (2015), Fellowes *et al.* (2002), Cap. 170 and Cap. 586.
2. Hong Kong status refers Chan *et al.* (2011).
3. Habitat: AG=Agricultural Land, MWC = Minor Watercourse, WC=Watercourse, GR=Grassland, GS=Grassland/Shrubland, SW=Seasonary Woodland, FSW=Fund Shui Wood, PL=Plantation, UR=Urban/Residential Area.

Table D7.2. Raw data of butterfly species recorded on transects or at point count locations at the 500m Study Area of Ha Che.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-------------------------|------------------------------|-----------|-----------|
| WLB | P1 | Minor Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 25-Mar-15 |
| WLB | P1 | Minor Watercourse | Purple Sapphire | <i>Heliophorus epicles</i> | 1 | 25-Mar-15 |
| WLB | P2 | Minor Watercourse | Paris Peacock | <i>Papilio paris</i> | 1 | 13-May-15 |
| WLB | P2 | Minor Watercourse | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 1 | 13-May-15 |
| SA | P1 | Plantation | Spangle | <i>Papilio protenor</i> | 1 | 26-Jun-15 |
| SA | P1 | Plantation | Common Grass Yellow | <i>Eurema hecabe</i> | 2 | 26-Jun-15 |
| SA | P1 | Plantation | Three-spot Grass Yellow | <i>Eurema blanda</i> | 1 | 26-Jun-15 |
| SA | P1 | Plantation | Blue Admiral | <i>Kaniska canace</i> | 1 | 26-Jun-15 |
| SA | P1 | Plantation | Angled Castor | <i>Ariadne ariadne</i> | 1 | 26-Jun-15 |
| SA | P1 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 26-Jun-15 |
| SA | T1 | Plantation | Common Bluebottle | <i>Graphium sarpedon</i> | 1 | 25-Mar-15 |
| SA | T1 | Plantation | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 2 | 25-Mar-15 |
| SA | T1 | Plantation | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 2 | 25-Mar-15 |
| SA | T2 | Urban/Residential Area | Common Mormon | <i>Papilio polytes</i> | 1 | 25-Mar-15 |
| SA | T2 | Urban/Residential Area | Spangle | <i>Papilio protenor</i> | 1 | 25-Mar-15 |
| SA | T4 | Grassland | Common Grass Yellow | <i>Eurema hecabe</i> | 1 | 13-May-15 |
| SA | T4 | Grassland | Lemon Emigrant | <i>Catopsilia pomona</i> | 1 | 13-May-15 |
| SA | T4 | Grassland | Great Mormon | <i>Papilio memnon</i> | 1 | 13-May-15 |
| SA | T4 | Grassland/Shrubland | Common Five-ring | <i>Ypthima baldus</i> | 1 | 13-May-15 |
| SA | T4 | Grassland/Shrubland | Red Helen | <i>Papilio helenus</i> | 1 | 13-May-15 |
| SA | T4 | Grassland/Shrubland | Paris Peacock | <i>Papilio paris</i> | 1 | 13-May-15 |
| SA | T4 | Grassland/Shrubland | Five-dot Sergeant | <i>Parathyma sulphitia</i> | 1 | 13-May-15 |
| SA | T4 | Plantation | Common Palmfly | <i>Elymnias hypermnestra</i> | 1 | 25-Mar-15 |
| SA | T4 | Plantation | Plain Tiger | <i>Danaus chrysippus</i> | 1 | 25-Mar-15 |
| SA | T4 | Plantation | Plains Cupid | <i>Chilades pandava</i> | 1 | 26-Jun-15 |
| SA | T4 | Secondary Woodland | Common Mormon | <i>Papilio polytes</i> | 1 | 26-Jun-15 |
| SA | T4 | Secondary Woodland | Red Helen | <i>Papilio helenus</i> | 1 | 26-Jun-15 |
| SA | T4 | Secondary Woodland | Plum Judy | <i>Abisara echerius</i> | 1 | 26-Jun-15 |
| SA | T7 | Secondary Woodland | Common Evening Brown | <i>Melanitis leda</i> | 1 | 25-Mar-15 |
| SA | T7 | Secondary Woodland | Common Evening Brown | <i>Melanitis leda</i> | 1 | 25-Mar-15 |
| SA | T7 | Fung Shui Woodland | Spangle | <i>Papilio protenor</i> | 1 | 26-Jun-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|------------------------|-----------------------|----------------------------|-----------|-----------|
| SA | T7 | Fung Shui Woodland | Red Helen | <i>Papilio helenus</i> | 1 | 26-Jun-15 |
| SA | T8 | Agricultural Land | Indian Cabbage White | <i>Pieris canidia</i> | 3 | 25-Mar-15 |
| SA | T8 | Agricultural Land | Long-tailed Blue | <i>Lampides boeticus</i> | 1 | 25-Mar-15 |
| SA | T8 | Agricultural Land | Common Five-ring | <i>Ypthima baldus</i> | 2 | 25-Mar-15 |
| SA | T8 | Urban/Residential Area | Great Mormon | <i>Papilio memnon</i> | 1 | 25-Mar-15 |
| SA | T8 | Plantation | Indian Cabbage White | <i>Pieris canidia</i> | 1 | 28-Apr-15 |
| SA | T9 | Urban/Residential Area | Pale Grass Blue | <i>Pseudozizeeria maha</i> | 3 | 25-Mar-15 |
| SA | T11 | Watercourse | Indian Cabbage White | <i>Pieris canidia</i> | 4 | 25-Mar-15 |
| SA | T11 | Watercourse | Dark-brand Bush Brown | <i>Mycalesis mineus</i> | 1 | 25-Mar-15 |
| SA | T13 | Plantation | Painted Jezebel | <i>Delias hyparete</i> | 1 | 25-Mar-15 |
| SA | T13 | Plantation | Common Mormon | <i>Papilio polytes</i> | 1 | 25-Mar-15 |
| SA | T13 | Urban/Residential Area | Red-base Jezebel | <i>Delias pasithoe</i> | 1 | 25-Mar-15 |

Table D8.1. Relative abundance of freshwater fish species recorded within the 500m Study Area of Ha Che.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Sampling Point/Habitat | | | |
|---|------------------------------|---|-------------------------------|------------------------|----------|----------|------------|
| | | | | Work Limit Boundary | | | Study Area |
| | | | | A1 | A2 | A4 | Pond |
| Goldfish | <i>Carassius auratus</i> | - | - | | * | | |
| Common Carp | <i>Cyprinus carpio</i> | IUCN(VU) | - | | * | | |
| Whitespotted Walking Catfish | <i>Clarias fuscus</i> | - | Common | | | | * |
| Mosquito Fish | <i>Gambusia affinis</i> | - | Common | ** | ** | * | ** |
| Guppy | <i>Poecilia reticulata</i> | - | Common | ** | * | ** | |
| Swordtail | <i>Xiphophorus hellerii</i> | - | Common | * | ** | * | |
| Variable Platyfish | <i>Xiphophorus variatus</i> | - | Common | | ** | | |
| Nile Tilapia | <i>Oreochromis niloticus</i> | - | Common | | | | * |
| Total number of species recorded | | | | 3 | 6 | 3 | 3 |

Key for relative abundance: * = A few, ** = Quite abundant.

Notes:

1. Conservation and protection status:
 - a. IUCN (2015): VU = Vulnerable.
2. Hong Kong status refers to AFCD (2015a).

Table D8.2. Raw data of freshwater fish species recorded on transects or at point count locations at the 500m Study Area of Ha Che.

| Work Limit Boundary (WLB)/ Study Area (SA) | Transect No./ Point Count No. | Habitat | Common Name | Scientific Name | Abundance | Date |
|--|-------------------------------|-------------------|------------------------------|------------------------------|-----------|-----------|
| WLB | A1 | Minor Watercourse | Guppy | <i>Poecilia reticulata</i> | 20 | 25-Mar-15 |
| WLB | A1 | Minor Watercourse | Mosquito Fish | <i>Gambusia affinis</i> | 25 | 25-Mar-15 |
| WLB | A1 | Minor Watercourse | Swordtail | <i>Xiphophorus hellerii</i> | 5 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Common Carp | <i>Cyprinus carpio</i> | 2 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Common Carp | <i>Cyprinus carpio</i> | 1 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Goldfish | <i>Carassius auratus</i> | 2 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Goldfish | <i>Carassius auratus</i> | 2 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Guppy | <i>Poecilia reticulata</i> | 1 | 28-Apr-15 |
| WLB | A2 | Minor Watercourse | Mosquito Fish | <i>Gambusia affinis</i> | 15 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Mosquito Fish | <i>Gambusia affinis</i> | 5 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Mosquito Fish | <i>Gambusia affinis</i> | 1 | 28-Apr-15 |
| WLB | A2 | Minor Watercourse | Swordtail | <i>Xiphophorus hellerii</i> | 15 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Swordtail | <i>Xiphophorus hellerii</i> | 50 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Swordtail | <i>Xiphophorus hellerii</i> | 15 | 25-Mar-15 |
| WLB | A2 | Minor Watercourse | Swordtail | <i>Xiphophorus hellerii</i> | 1 | 28-Apr-15 |
| WLB | A2 | Minor Watercourse | Variable Platyfish | <i>Xiphophorus variatus</i> | 15 | 25-Mar-15 |
| WLB | A4 | Minor Watercourse | Guppy | <i>Poecilia reticulata</i> | 10 | 25-Mar-15 |
| WLB | A4 | Minor Watercourse | Guppy | <i>Poecilia reticulata</i> | 30 | 25-Mar-15 |
| WLB | A4 | Minor Watercourse | Guppy | <i>Poecilia reticulata</i> | 1 | 28-Apr-15 |
| WLB | A4 | Minor Watercourse | Mosquito Fish | <i>Gambusia affinis</i> | 2 | 25-Mar-15 |
| WLB | A4 | Minor Watercourse | Mosquito Fish | <i>Gambusia affinis</i> | 1 | 28-Apr-15 |
| WLB | A4 | Minor Watercourse | Swordtail | <i>Xiphophorus hellerii</i> | 2 | 24-Feb-15 |
| WLB | A4 | Minor Watercourse | Swordtail | <i>Xiphophorus hellerii</i> | 5 | 25-Mar-15 |
| SA | T10 | Pond | Nile Tilapia | <i>Oreochromis niloticus</i> | 5 | 13-May-15 |
| SA | T10 | Pond | Mosquito Fish | <i>Gambusia affinis</i> | 15 | 13-May-15 |
| SA | T10 | Pond | Whitespotted Walking Catfish | <i>Clarias fuscus</i> | 1 | 13-May-15 |

Table D9.1. Relative abundance of aquatic invertebrate species recorded within the 500m Study Area of Ha Che.

| Common Name | Scientific Name | Conservation and Protection Status ¹ | Hong Kong Status ² | Sampling Point/Transect | | | | | |
|---|----------------------------------|---|-------------------------------|-------------------------|----------|----------|----------|------------|----------|
| | | | | Work Limit Boundary | | | | Study Area | |
| | | | | A1 | A2 | A3 | A4 | A5 | T7 |
| Common Bluetail [^] | <i>Ischnura senegalensis</i> | - | Abundant | * | | | | | |
| Yellow Featherlegs [^] | <i>Copera marginipes</i> | - | Abundant | * | | | | | |
| Crimson Dropwing [^] | <i>Trithemis aurora</i> | - | Abundant | * | | | | | |
| Blood Worm | <i>Chironomidae sp.</i> | - | - | * | ** | * | * | | |
| Freshwater Crab | <i>Cryptopotamon anacoluthon</i> | IUCN(VU), PGC | - | ** | | | | | * |
| Freshwater Crab | <i>Somanniathelphusa zanklon</i> | IUCN(EN), GC | - | * | | | | | * |
| Freshwater Snail | <i>Angulyagra polyzonata</i> | - | - | ** | | | | | |
| Freshwater Snail | <i>Sinotaia quadrata</i> | - | - | ** | | | * | | |
| Freshwater Snail | <i>Radix plicatulus</i> | - | - | ** | ** | * | | | |
| Freshwater Snail | <i>Haitia acuta</i> | - | - | | | * | * | | |
| Freshwater Snail | <i>Segmentina succinea</i> | - | - | | * | | * | * | |
| Apple Snail | <i>Pomacea canaliculata</i> | - | - | | ** | | * | * | |
| Freshwater Snail | <i>Sulcospira hainanensis</i> | - | - | * | ** | | | | |
| Freshwater Snail | <i>Melanoides tuberculata</i> | - | - | * | ** | | * | | |
| Total number of species recorded | | | | 11 | 6 | 3 | 6 | 2 | 1 |

Key for relative abundance: * = A few, ** = Quite abundant.

Notes:

1. Conservation and protection status:
 - a. IUCN (2015): VU = Vulnerable, EN = Endangered.
 - b. Fellowes *et al.* (2002): PGC = Potential Global Concern, GC = Global Concern.
2. Hong Kong status refers to AFCDD (2015a).

Table D9.2. Raw data of aquatic invertebrate species recorded on transects or at point count locations at the 500m Study Area of Ha Che.

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No./ Transect No. | Common Name | Scientific Name | Abundance | Date |
|--|----------------------------------|--------------------|----------------------------------|-----------|-----------|
| WLB | A1 | Blood Worm | Chironomidae sp. | 10 | 24-Feb-15 |
| WLB | A1 | Blood Worm | Chironomidae sp. | 5 | 25-Mar-15 |
| WLB | A1 | Common Bluetail | <i>Ischnura senegalensis</i> | 1 | 25-Mar-15 |
| WLB | A1 | Crimson Dropwing | <i>Trithemis aurora</i> | 1 | 25-Mar-15 |
| WLB | A1 | Freshwater Crab | <i>Somanniathelphusa zanklon</i> | 1 | 25-Mar-15 |
| WLB | A1 | Freshwater Crab | <i>Cryptopotamon anacoluthon</i> | 3 | 25-Mar-15 |
| WLB | A1 | Freshwater Crab | <i>Cryptopotamon anacoluthon</i> | 20 | 28-Apr-15 |
| WLB | A1 | Freshwater Snail | <i>Angulyagra polyzonata</i> | 30 | 25-Mar-15 |
| WLB | A1 | Freshwater Snail | <i>Sinotaia quadrata</i> | 30 | 25-Mar-15 |
| WLB | A1 | Freshwater Snail | <i>Radix plicatulus</i> | 20 | 24-Feb-15 |
| WLB | A1 | Freshwater Snail | <i>Melanoides tuberculata</i> | 4 | 25-Mar-15 |
| WLB | A1 | Freshwater Snail | <i>Radix plicatulus</i> | 3 | 25-Mar-15 |
| WLB | A1 | Freshwater Snail | <i>Sulcospira hainanensis</i> | 5 | 25-Mar-15 |
| WLB | A1 | Freshwater Snail | <i>Sinotaia quadrata</i> | 1 | 28-Apr-15 |
| WLB | A1 | Yellow Featherlegs | <i>Copera marginipes</i> | 1 | 25-Mar-15 |
| WLB | A2 | Freshwater Snail | <i>Sulcospira hainanensis</i> | 20 | 25-Mar-15 |
| WLB | A2 | Freshwater Snail | <i>Segmentina succinea</i> | 5 | 24-Feb-15 |
| WLB | A2 | Freshwater Snail | <i>Melanoides tuberculata</i> | 50 | 24-Feb-15 |
| WLB | A2 | Freshwater Snail | <i>Radix plicatulus</i> | 50 | 24-Feb-15 |
| WLB | A2 | Freshwater Snail | <i>Segmentina succinea</i> | 5 | 25-Mar-15 |
| WLB | A2 | Freshwater Snail | <i>Melanoides tuberculata</i> | 50 | 25-Mar-15 |
| WLB | A2 | Freshwater Snail | <i>Radix plicatulus</i> | 50 | 25-Mar-15 |
| WLB | A2 | Blood Worm | Chironomidae sp. | 20 | 24-Feb-15 |
| WLB | A2 | Blood Worm | Chironomidae sp. | 20 | 25-Mar-15 |
| WLB | A2 | Apple Snail | <i>Pomacea canaliculata</i> | 50 | 24-Feb-15 |
| WLB | A2 | Apple Snail | <i>Pomacea canaliculata</i> | 50 | 25-Mar-15 |
| WLB | A3 | Blood Worm | Chironomidae sp. | 1 | 28-Apr-15 |
| WLB | A3 | Freshwater Snail | <i>Radix plicatulus</i> | 5 | 24-Feb-15 |
| WLB | A3 | Freshwater Snail | <i>Haitia acuta</i> | 5 | 24-Feb-15 |
| WLB | A3 | Freshwater Snail | <i>Radix plicatulus</i> | 5 | 25-Mar-15 |
| WLB | A3 | Freshwater Snail | <i>Haitia acuta</i> | 5 | 25-Mar-15 |
| WLB | A4 | Apple Snail | <i>Pomacea canaliculata</i> | 10 | 24-Feb-15 |

| Work Limit Boundary (WLB)/ Study Area (SA) | Sampling Point No./ Transect No. | Common Name | Scientific Name | Abundance | Date |
|--|----------------------------------|------------------|----------------------------------|-----------|-----------|
| WLB | A4 | Apple Snail | <i>Pomacea canaliculata</i> | 9 | 24-Feb-15 |
| WLB | A4 | Blood Worm | Chironomidae sp. | 1 | 28-Apr-15 |
| WLB | A4 | Freshwater Snail | <i>Segmentina succinea</i> | 10 | 24-Feb-15 |
| WLB | A4 | Freshwater Snail | <i>Haitia acuta</i> | 5 | 24-Feb-15 |
| WLB | A4 | Freshwater Snail | <i>Segmentina succinea</i> | 8 | 24-Feb-15 |
| WLB | A4 | Freshwater Snail | <i>Haitia acuta</i> | 6 | 24-Feb-15 |
| WLB | A4 | Freshwater Snail | <i>Melanoides tuberculata</i> | 3 | 25-Mar-15 |
| WLB | A4 | Freshwater Snail | <i>Sinotaia quadrata</i> | 1 | 28-Apr-15 |
| WLB | A4 | Freshwater Snail | <i>Angulyagra polyzonata</i> | 1 | 28-Apr-15 |
| SA | A5 | Apple Snail | <i>Pomacea canaliculata</i> | 5 | 24-Feb-15 |
| SA | A5 | Apple Snail | <i>Pomacea canaliculata</i> | 4 | 24-Feb-15 |
| SA | A5 | Blood Worm | Chironomidae sp. | 1 | 28-Apr-15 |
| SA | A5 | Freshwater Snail | <i>Segmentina succinea</i> | 5 | 24-Feb-15 |
| SA | A5 | Freshwater Snail | <i>Segmentina succinea</i> | 3 | 24-Feb-15 |
| SA | T7 | Freshwater Crab | <i>Somanniathelphusa zanklon</i> | 5 | 13-May-15 |
| SA | T7 | Freshwater Crab | <i>Cryptopotamon anacoluthon</i> | 5 | 13-May-15 |
| SA | T7 | Freshwater Crab | <i>Somanniathelphusa zanklon</i> | 3 | 26-Jun-15 |
| SA | T7 | Freshwater Crab | <i>Cryptopotamon anacoluthon</i> | 10 | 26-Jun-15 |

Table D10.1. Representative habitat photographs within the 500m Study Area of Ha Che.

| | |
|---|---|
| Plate 1. Agricultural Land | Plate 2. Pond |
|  A photograph showing a fenced-in agricultural area. In the foreground, there are rows of green leafy vegetables. In the background, there are more plants, some covered with plastic, and a small structure. The area is surrounded by trees and hills. |  A photograph of a large, calm pond. The water reflects the surrounding buildings and the mountains in the distance. The sky is overcast. |
| Plate 3. Watercourse | Plate 4. Grassland |
|  A photograph of a small watercourse flowing through a rocky, vegetated area. The water is clear and reflects the surrounding greenery. |  A photograph of a grassy field with tall grasses in the foreground. In the background, there are rolling hills and a clear sky. |
| Plate 5. Grassland/Shrubland | Plate 6. Secondary Woodland |
|  A photograph showing a grassy slope in the foreground. In the background, a town or village is visible, surrounded by trees and hills. |  A photograph of a road lined with tall trees, creating a canopy. The road is paved and has white markings. |















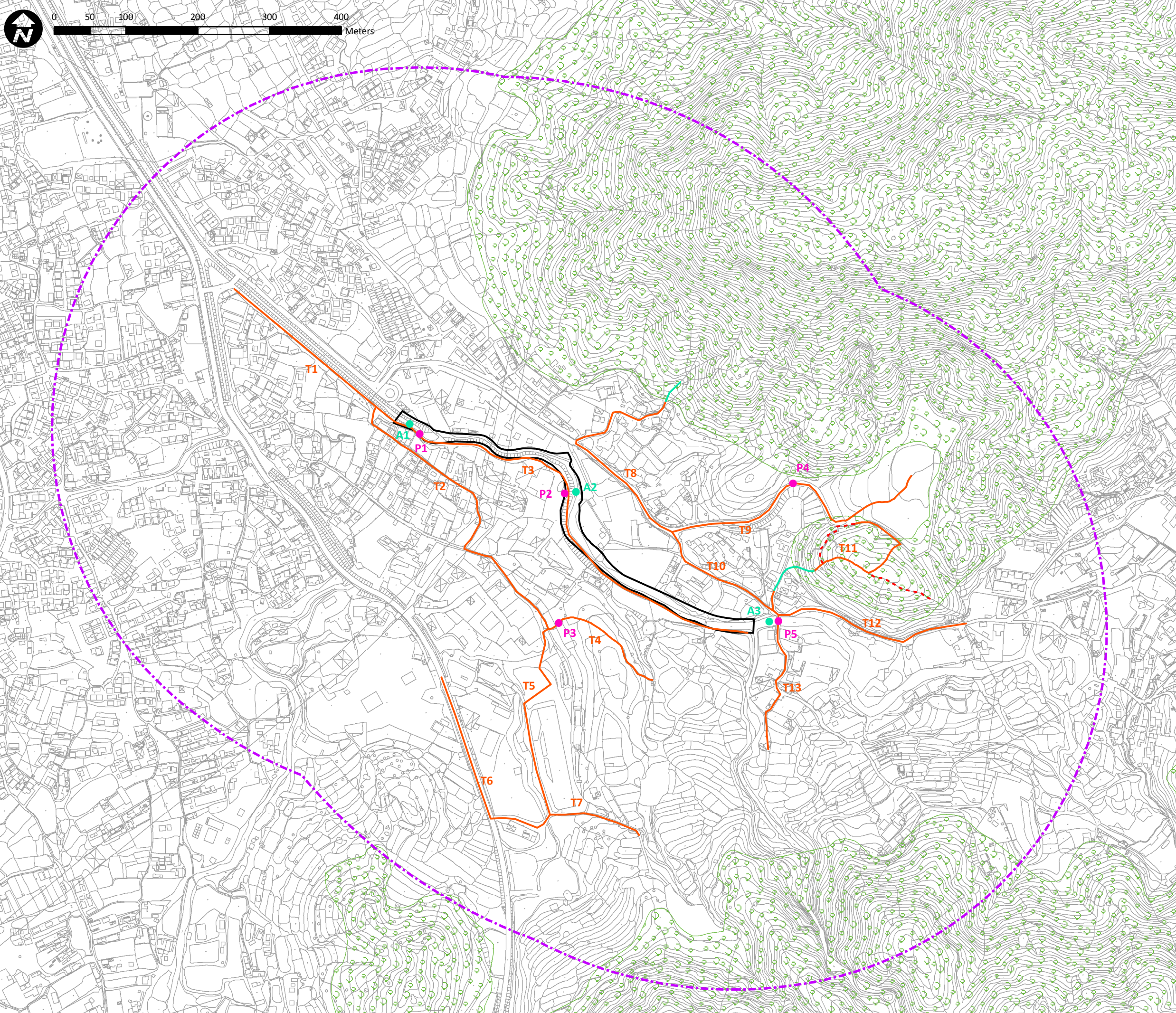
| | |
|---|---|
| Plate 7. Fung Shui Wood | Plate 8. Orchard |
|  |  |
| Plate 9. Plantation | Plate 10. Waste Ground |
|  |  |
| Plate 11. Urban/Residential Area | |
|  | |

Table D11.1. Photographs of the species of conservation concern recorded within the 500m Study Area of Ha Che.

| | |
|---|--|
| Plate 1. <i>Aquilaria sinensis</i> | Plate 2. <i>Camellia japonica</i> |
|  |  |
| Plate 3. <i>Cibotium barometz</i> | Plate 4. <i>Gnetum luofuense</i> |
|  |  |
| Plate 5. <i>Michelia figo</i> | Plate 6. Masked Palm Civet (scat) |
|  |  |

| | |
|--|--|
| Plate 6. Hong Kong Newt | Plate 7. <i>Cryptopotamon anacoluthon</i> |
|  |  |
| Plate 8. <i>Somanniathelphusa zanklon</i> | |
|  | |



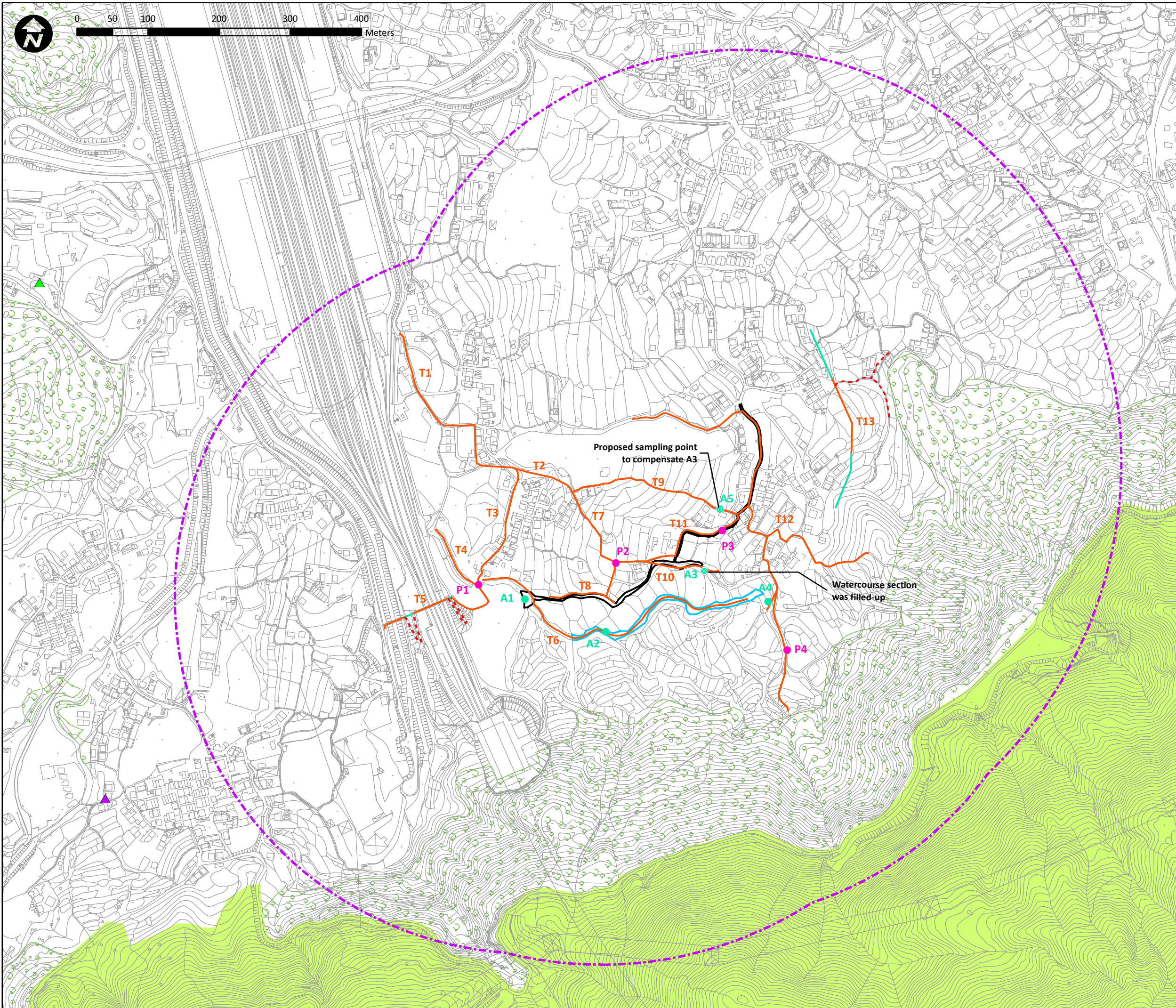
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- Conservation Area
- Original Transect
- Original Transect - Inaccessible
- Proposed New Transect
- Point Count Location
- Sampling Point for Aquatic Fauna



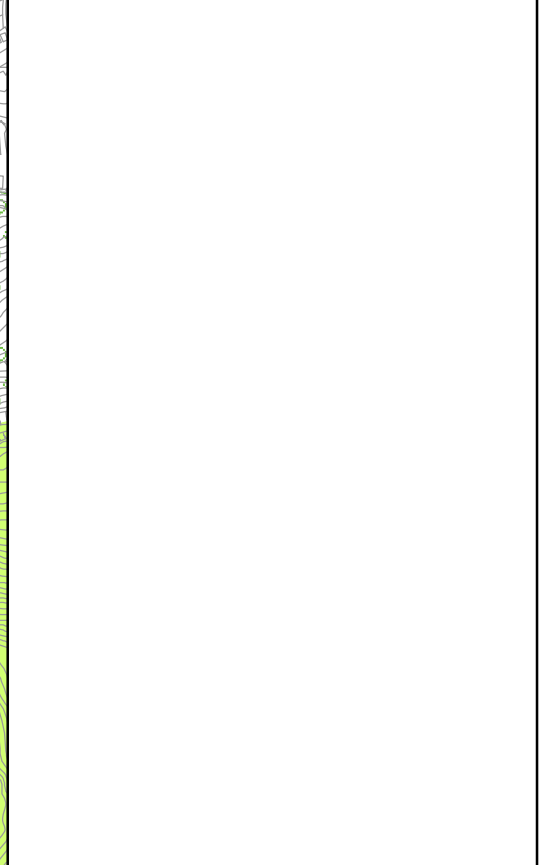
Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Sites of conservation significance in the
 proximity to and survey locations within the
 500m Study Area of Sung Shan New Village

| | | | |
|----------------|----------|-----------|---------------|
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| Approved by: | DJS | | |
| Figure Number: | Figure 1 | Revision: | 0 |



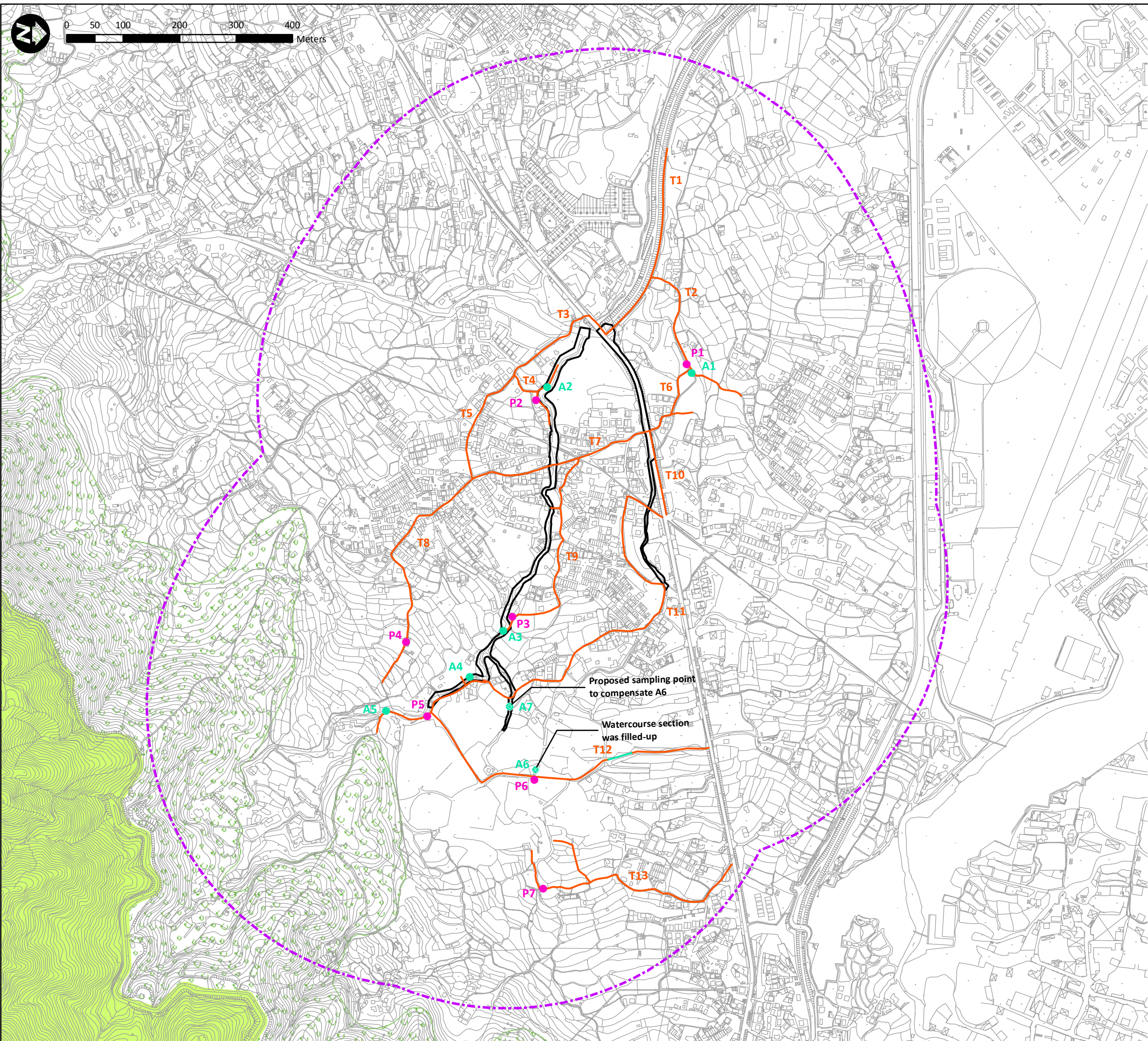
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- 500m Study Area
- Country Park
- Conservation Area
- Ecologically Important Stream
- ▲ Ma On Kong Egret (abandoned)
- ▲ Ho Pui Egret (abandoned)
- Original Transect
- Original Transect - Inaccessible
- - - Proposed New Transect
- Point Count Location
- Original Sampling Point for Aquatic Fauna
- ⊗ Original Sampling Point for Aquatic Fauna - filled
- Proposed New Sampling Point for Aquatic Fauna



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Sites of conservation significance in
 the proximity to and survey locations
 within the 500m Study Area of Tai Wo

| | | | |
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| Approved by: | DJS | | |
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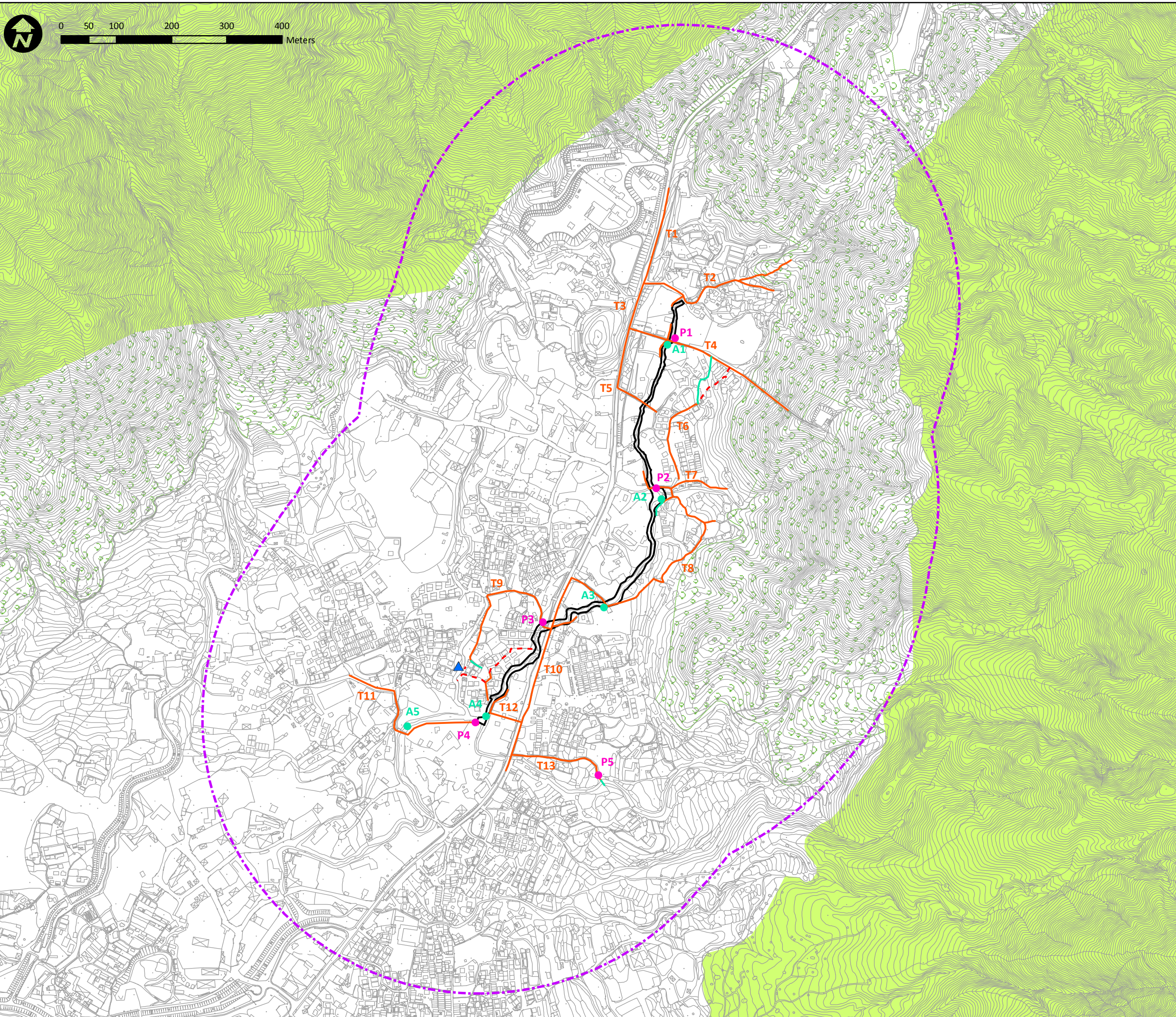
- ⋯ 500m Study Area
- Work Limit Boundary
- Country Park
- Conservation Area
- Original Transect
- Original Transect - Inaccessible
- Point Count Location
- Original Sampling Point for Aquatic Fauna
- ⊗ Original Sampling Point for Aquatic Fauna - filled
- Proposed New Sampling Point for Aquatic Fauna



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Sites of conservation significance in the
 proximity to and survey locations within the
 500m Study Area of Lin Fa Tei

| | | | |
|----------------|----------|--------|----------------|
| Drawn by: | EW | Scale: | 1:6,500 on A3 |
| Checked By: | DJS | Date: | 21 Sep 2015 |
| Approved by: | DJS | | |
| Figure Number: | Figure 3 | | Revision: 0 |



- Work Limit Boundary
- 500m Study Area
- Country Park
- Conservation Area
- ▲ Ha Che Egretty
- Original Transect
- Original Transect - Inaccessible
- Proposed New Transect
- Point Count Location
- Sampling Point for Aquatic Fauna

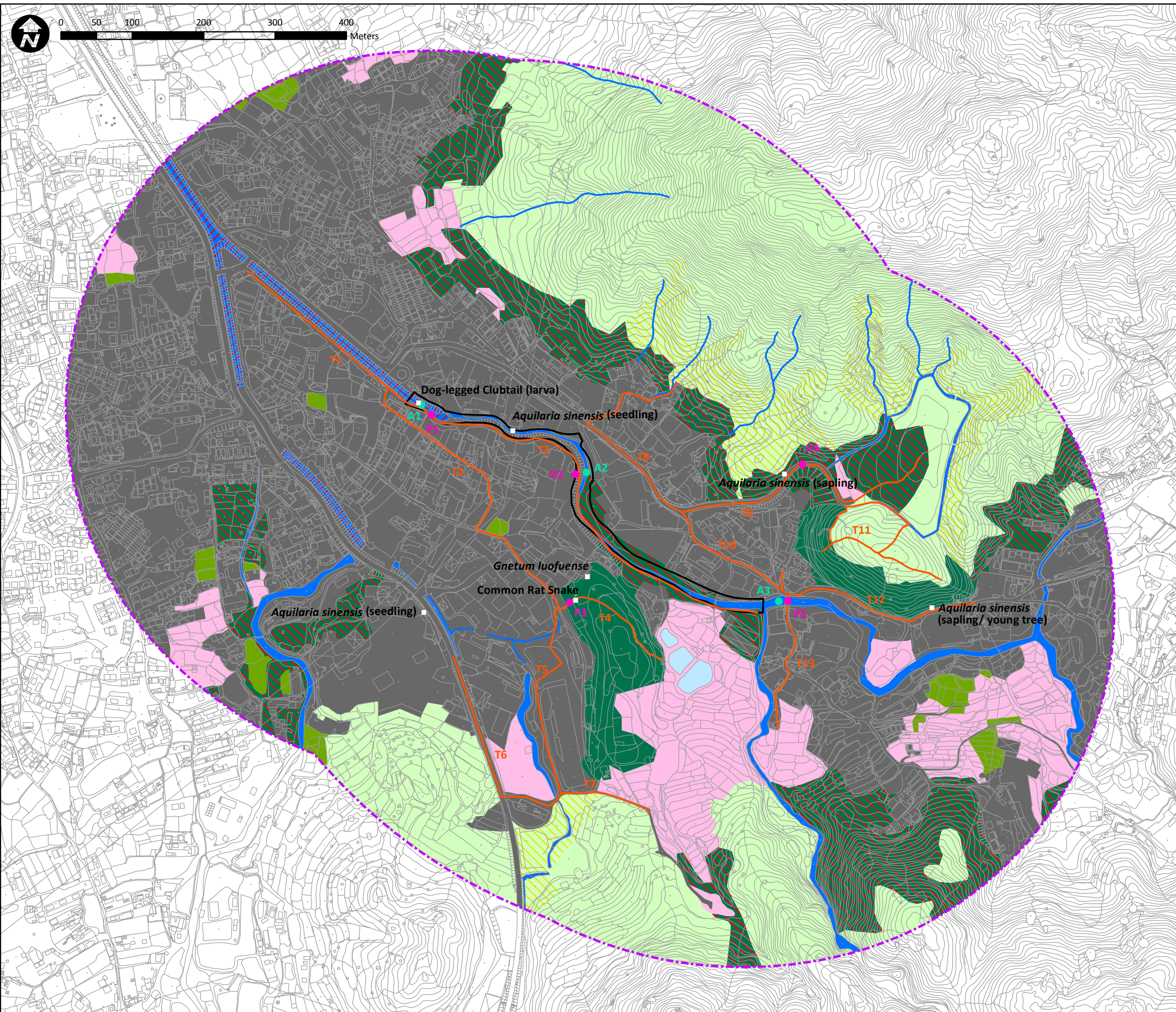


Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Sites of conservation significance in
 the proximity to and survey locations within
 the 500m Study Area of Ha Che

| | |
|------------------|----------------------|
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| Checked By: DJS | Date: 9 Oct 2015 |
| Approved by: DJS | |

Figure Number: **Figure 4** Revision: 1



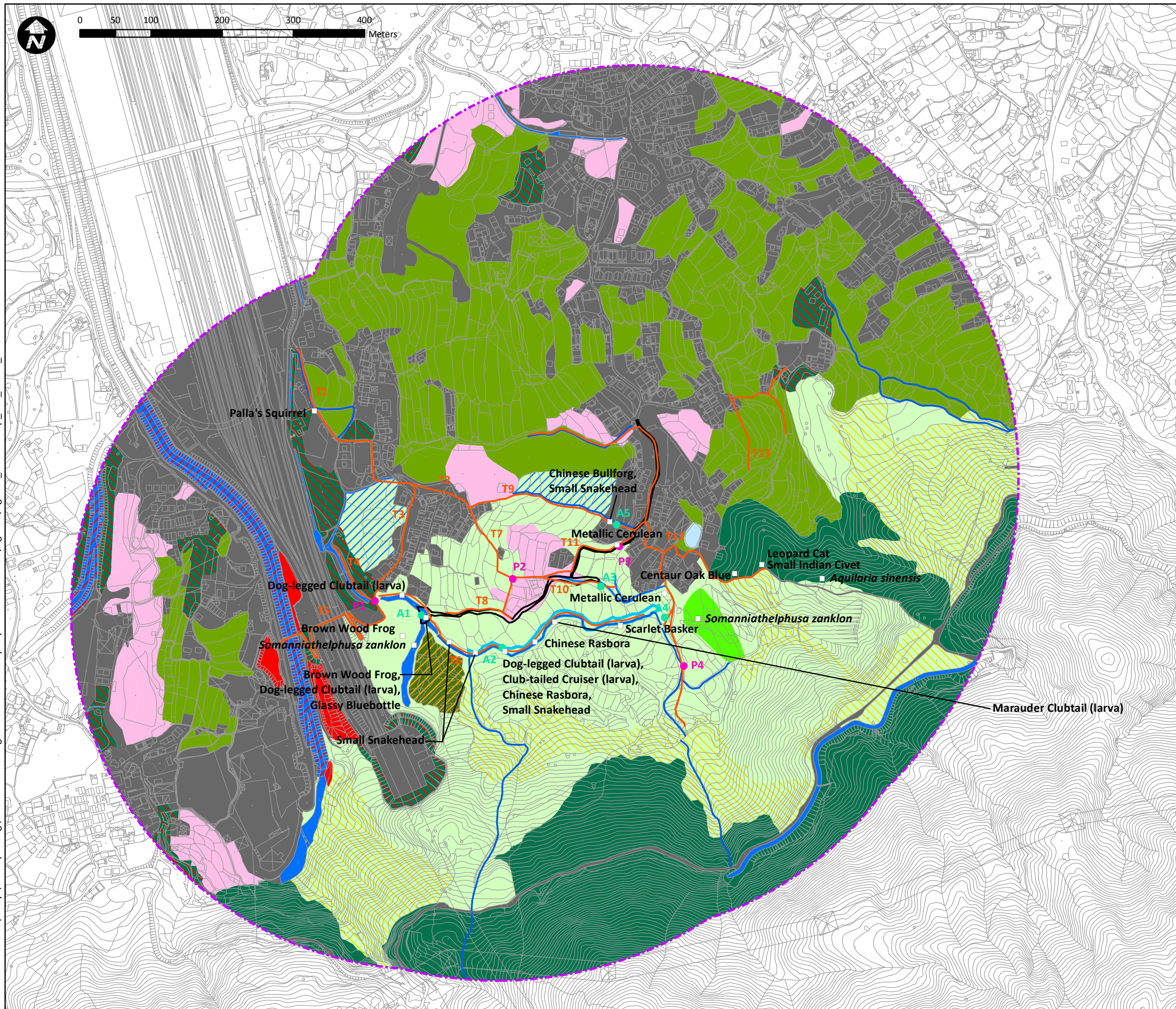
- Work Limit Boundary
- 500m Study Area
- Survey Transect
- Point Count Location
- Sampling Point for Aquatic Fauna
- Agricultural Land
- Pond
- Major Channelled Watercourse
- Minor Watercourse
- Grassland
- Grassland/Shrubland
- Secondary Woodland
- Plantation
- Waste Ground
- Urban/Residential Area
- Species of Conservation Concern



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Habitat map and locations of flora and non-bird fauna
 species of conservation concern recorded within
 the 500m Study Area of Sung Shan New Village
 during January to July 2015

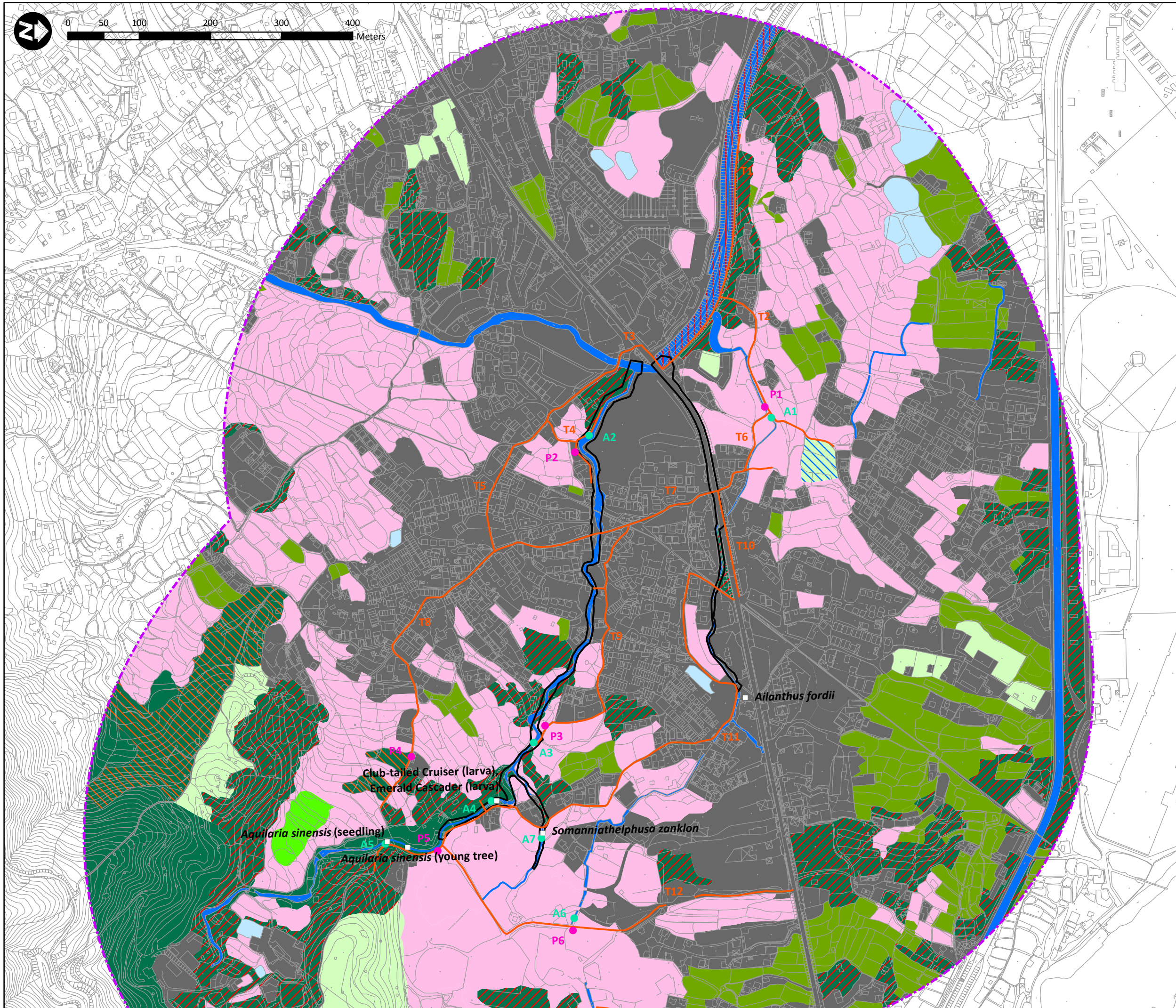
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| Approved by: | DJS | | |
| Figure Number: | Figure 5 | | Revision: 1 |



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Habitat map and locations of flora and non-bird fauna
 species of conservation concern recorded within the
 500m Study Area of Tai Wo during January to July 2015

| | | | |
|----------------|----------|-----------|---------------|
| Drawn by: | EW | Scale: | 1:5,000 on A3 |
| Checked By: | DJS | Date: | 9 Oct 2015 |
| Approved by: | DJS | | |
| Figure Number: | Figure 6 | Revision: | 1 |



| | |
|--|----------------------------------|
| | Work Limit Boundary |
| | 500m Study Area |
| | Survey Transect |
| | Point Count Location |
| | Sampling Point for Aquatic Fauna |
| | Agricultural Land |
| | Pond |
| | Marsh |
| | Major Channelised Watercourse |
| | Minor Watercourse |
| | Seasonally Wet Grassland |
| | Grassland |
| | Secondary Woodland |
| | Orchard |
| | Plantation |
| | Waste Ground |
| | Urban/Residential Area |
| | Species of Conservation Concern |

Project Title:

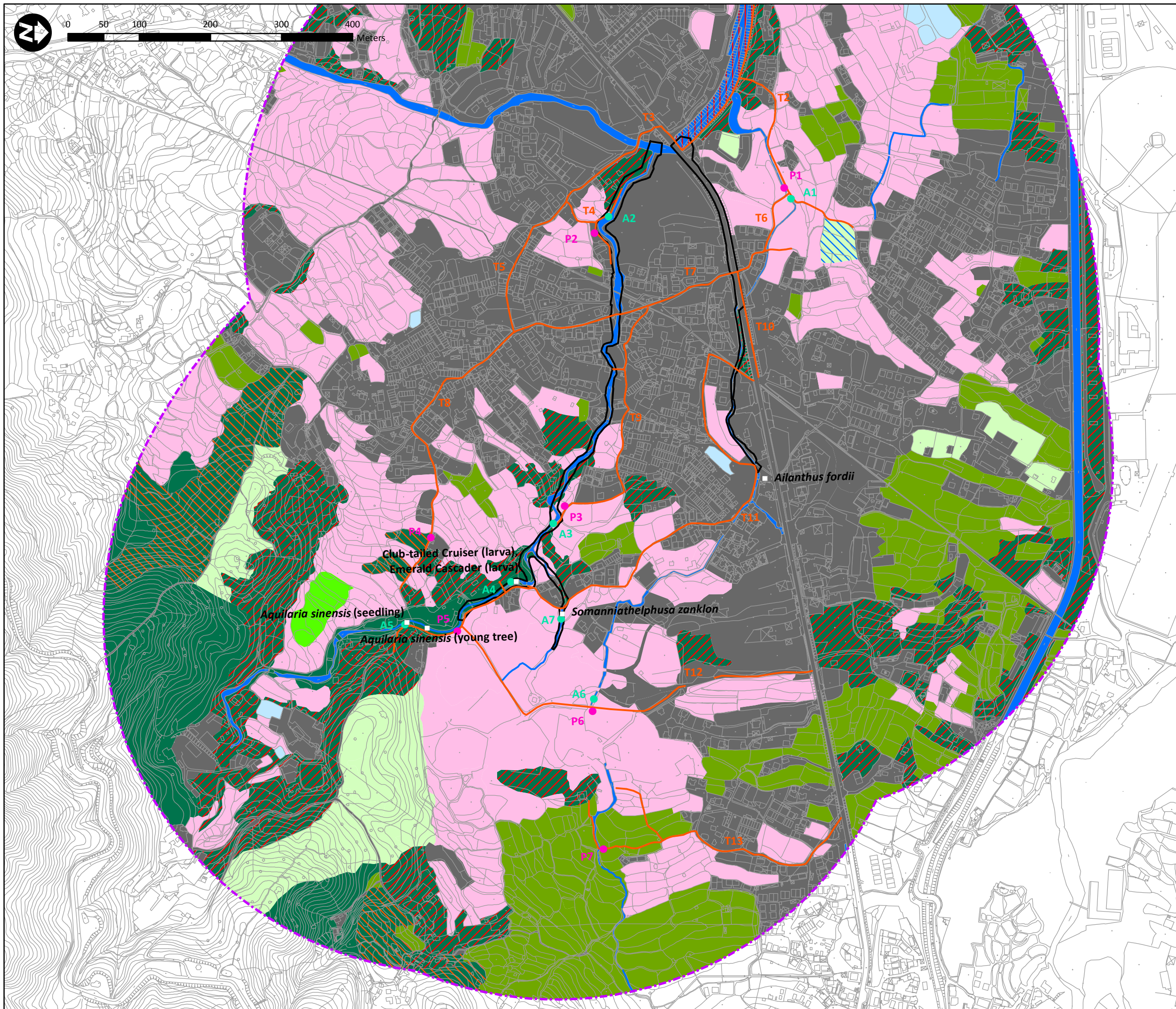
Contract No. PM 10/2014
Ecological Baseline Survey for
Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:

Habitat map and locations of flora and
non-bird fauna species of conservation
concern recorded within the 500m Study Area
of Lin Fa Tei during January to July 2015 (page 1 of 2)

| | | | |
|--------------|-----|--------|---------------|
| Drawn by: | EW | Scale: | 1:5,000 on A3 |
| Checked By: | DJS | Date: | 9 Oct 2015 |
| Approved by: | DJS | | |

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| Figure Number: | Figure 7a | Revision: | 1 |
|----------------|-----------|-----------|---|



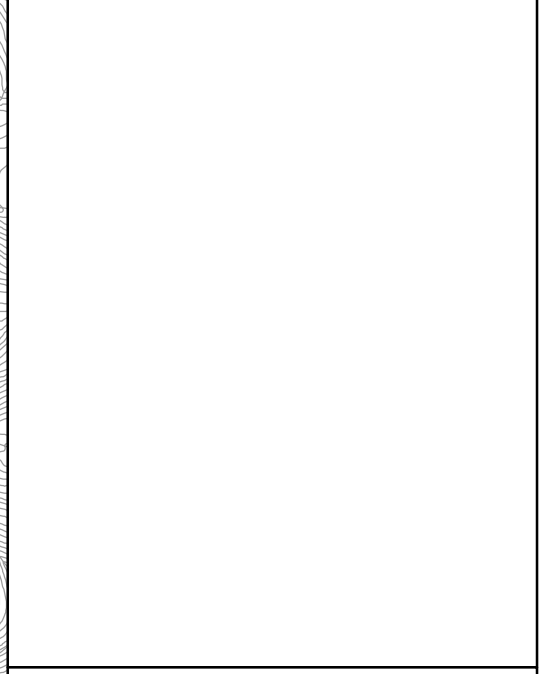
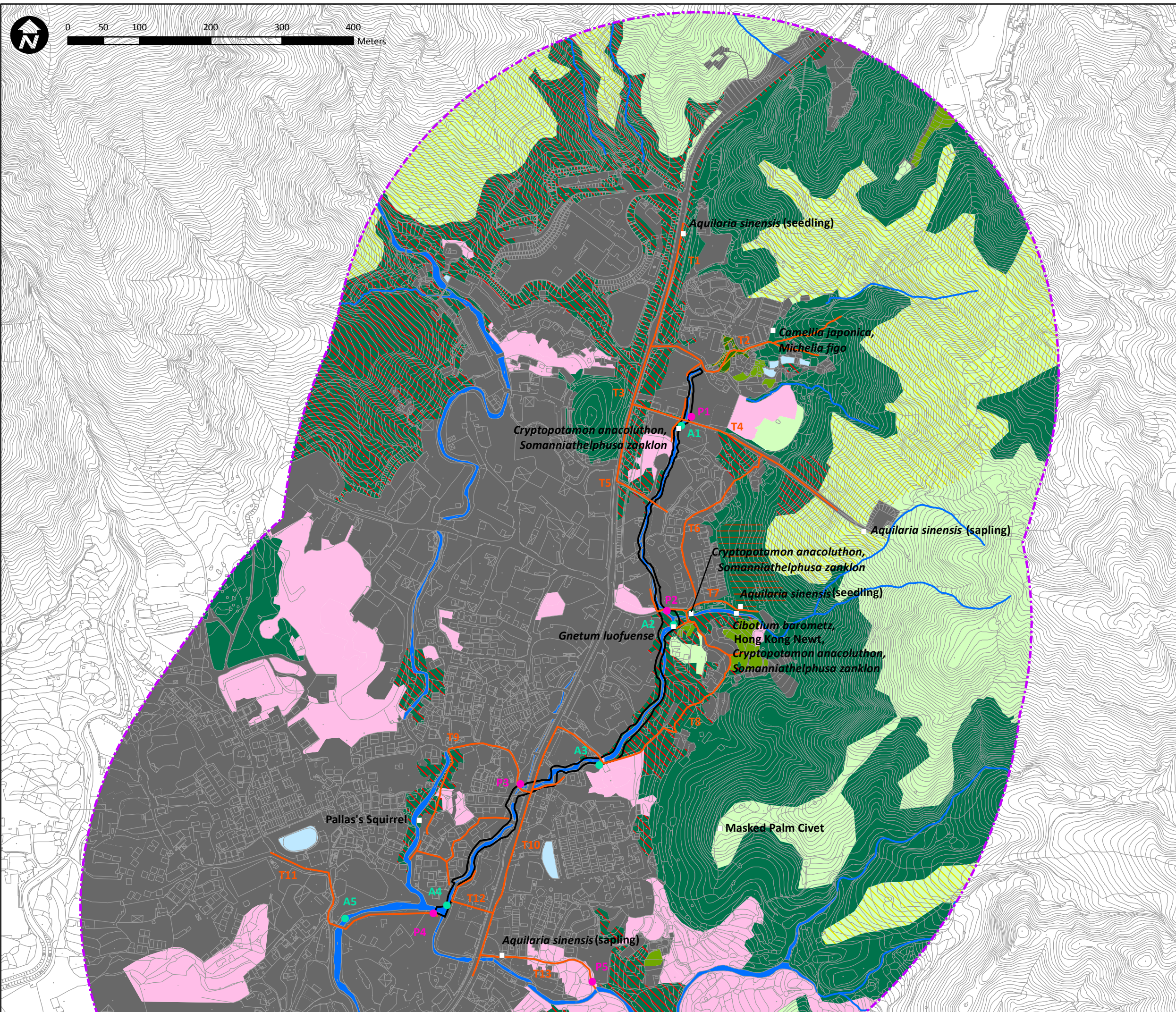
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- 500m Study Area
- Survey Transect
- Point Count Location
- Sampling Point for Aquatic Fauna
- Agricultural Land
- Pond
- Marsh
- Major Channelised Watercourse
- Minor Watercourse
- Seasonally Wet Grassland
- Grassland
- Secondary Woodland
- Orchard
- Plantation
- Waste Ground
- Urban/Residential Area
- Species of Conservation Concern



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Habitat map and locations of flora and
 non-bird fauna species of conservation
 concern recorded within the 500m Study Area
 of Lin Fa Tei during January to July 2015 (page 2 of 2)

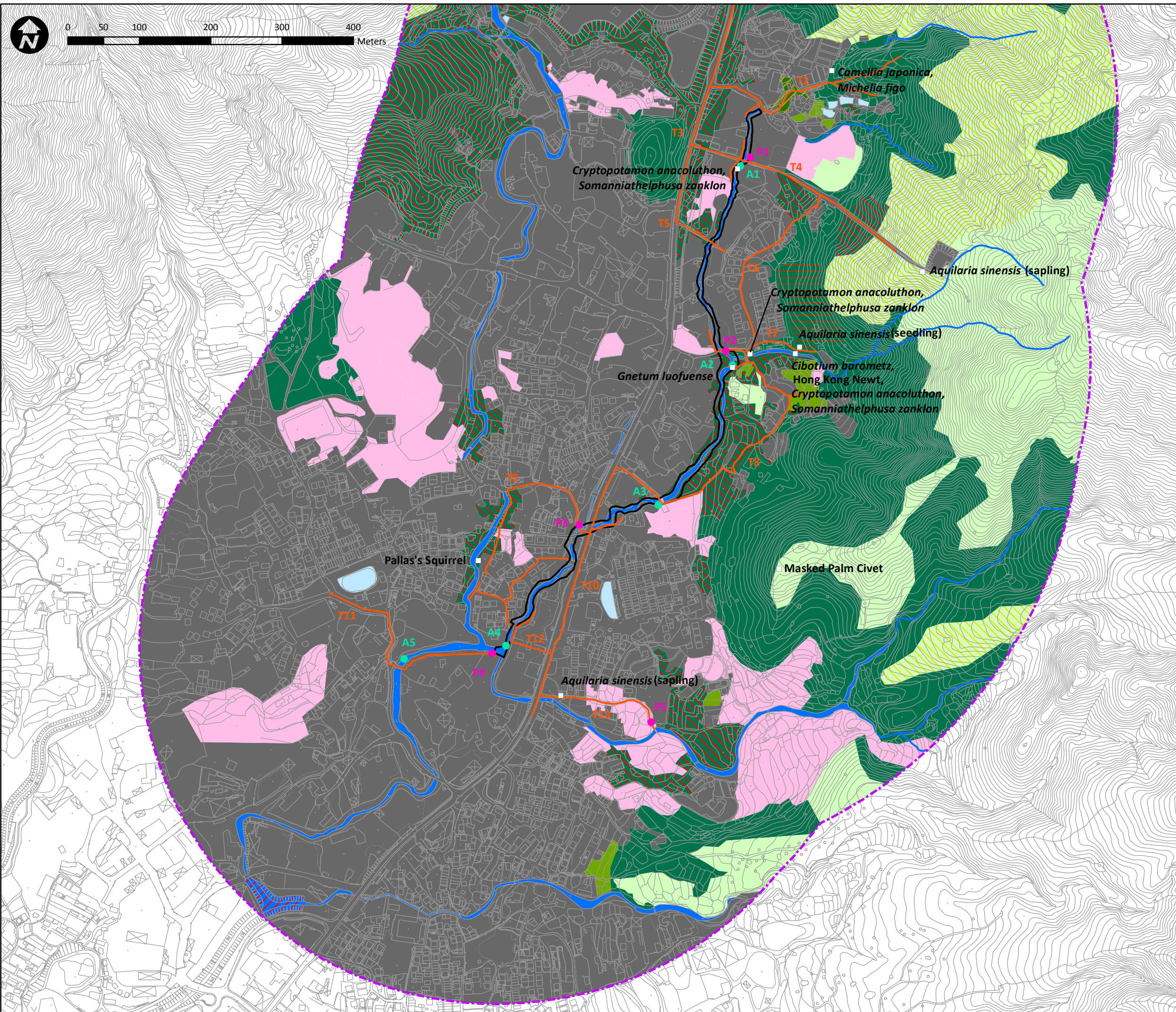
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| Approved by: | DJS | | |
| Figure Number: | Figure 7b | | Revision: 1 |



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Habitat map and locations of flora and
 non-bird fauna species of conservation
 concern recorded within the 500m Study Area
 of Ha Che during January to July 2015 (page 1 of 2)

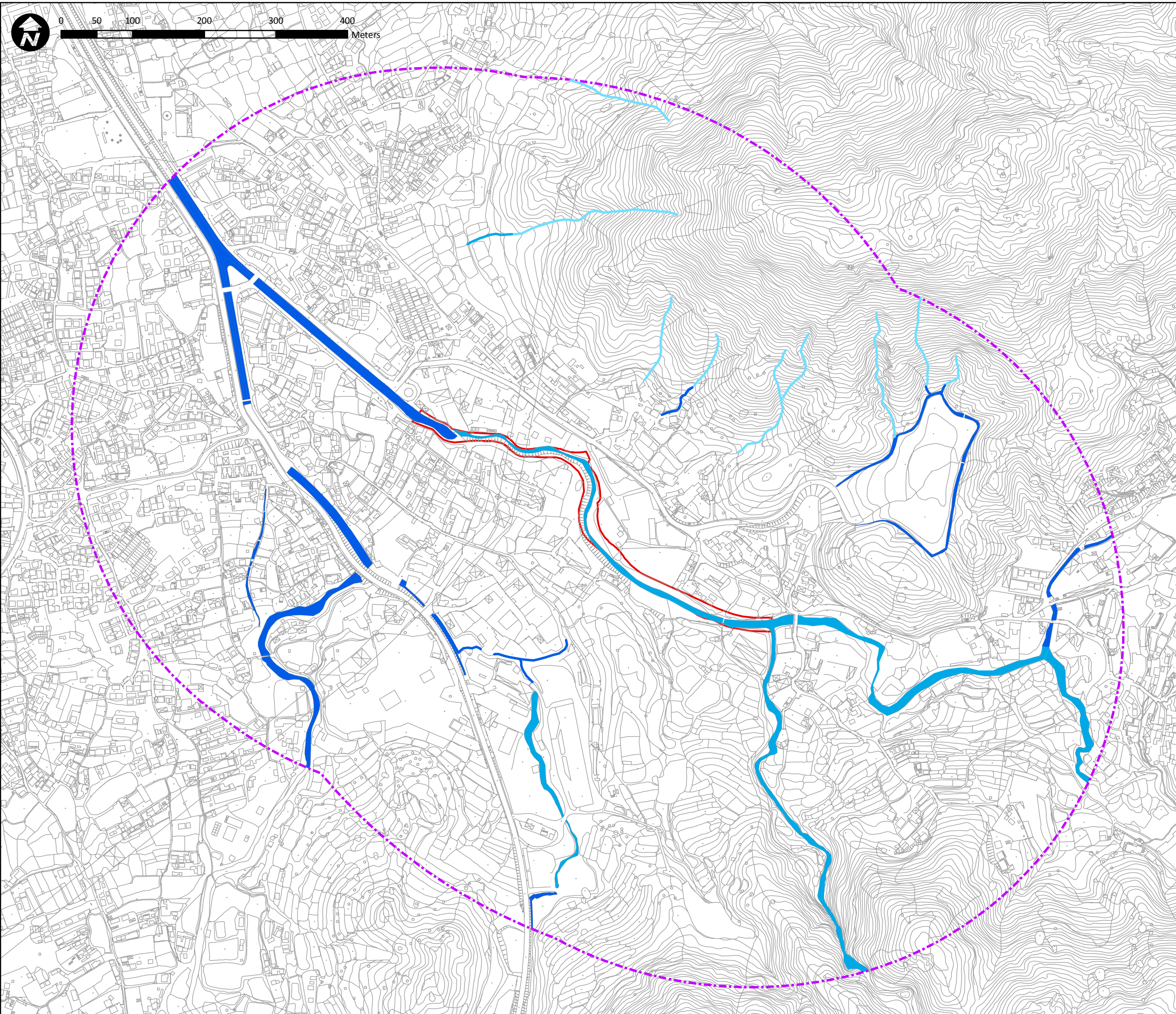
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| Approved by: | DJS | | |
| Figure Number: | Figure 8a | | Revision: 1 |








Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Habitat map and locations of flora and
 non-bird fauna species of conservation
 concern recorded within the 500m Study Area
 of Ha Che during January to July 2015 (page 2 of 2)

| | | | |
|----------------|-----------|--------|----------------|
| Drawn by: | EW | Scale: | 1:5,000 on A3 |
| Checked By: | DJS | Date: | 9 Oct 2015 |
| Approved by: | DJS | | |
| Figure Number: | Figure 8b | | Revision: 1 |



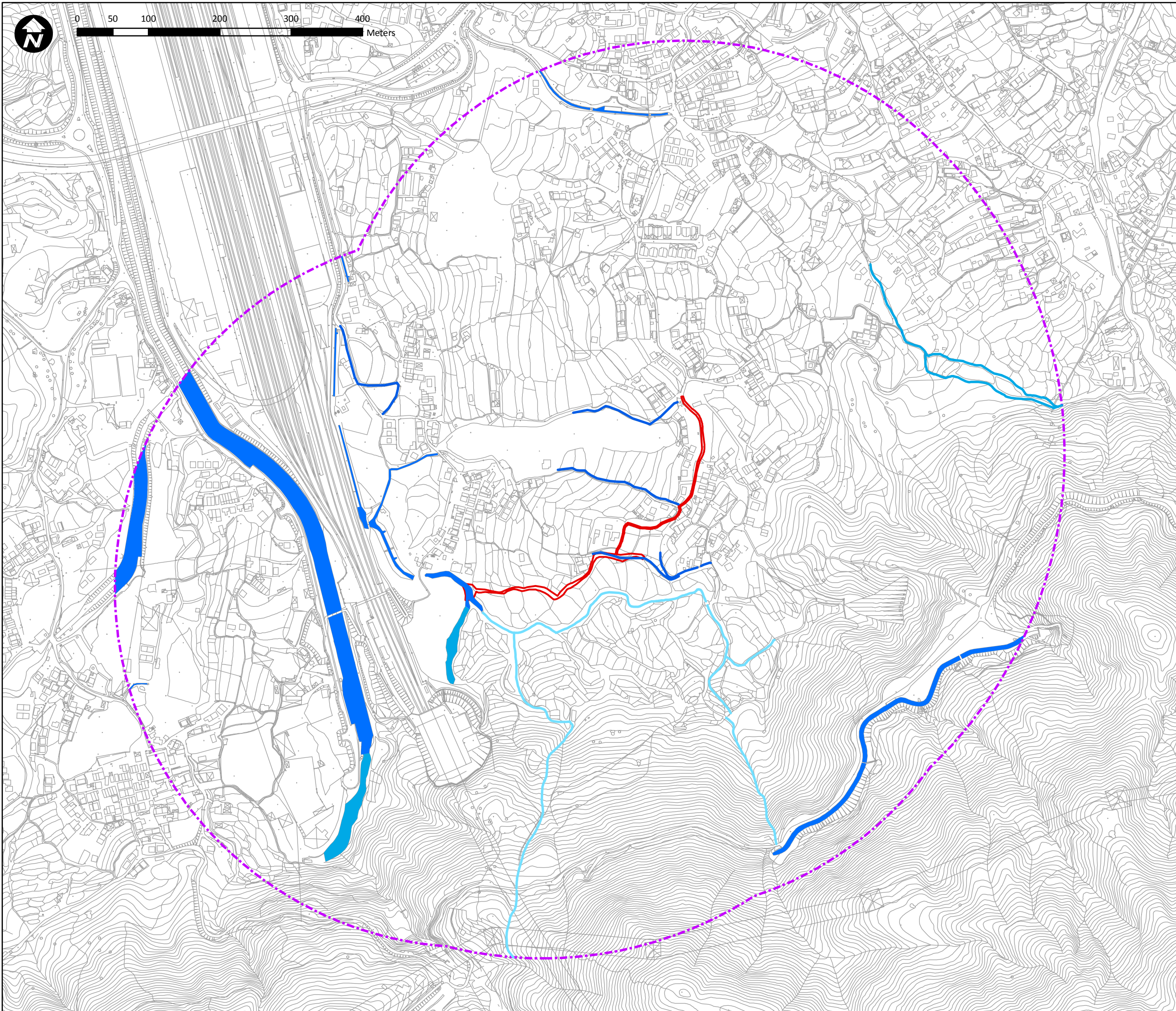
-  500m Study Area
-  Work Limit Boundary
-  Natural Watercourse
-  Semi-natural Watercourse
-  Channelised Watercourse



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Watercourses within 500m
 Study Area of Sung Shan New Village

| | | | |
|----------------|----------|--------|----------------|
| Drawn by: | EW | Scale: | 1:5,000 on A3 |
| Checked By: | DJS | Date: | 11 Nov 2015 |
| Approved by: | DJS | | |
| Figure Number: | Figure 9 | | Revision: 0 |



0 50 100 200 300 400 Meters

- 500m Study Area
- Work Limit Boundary
- Natural Watercourse
- Semi-natural Watercourse
- Channelised Watercourse

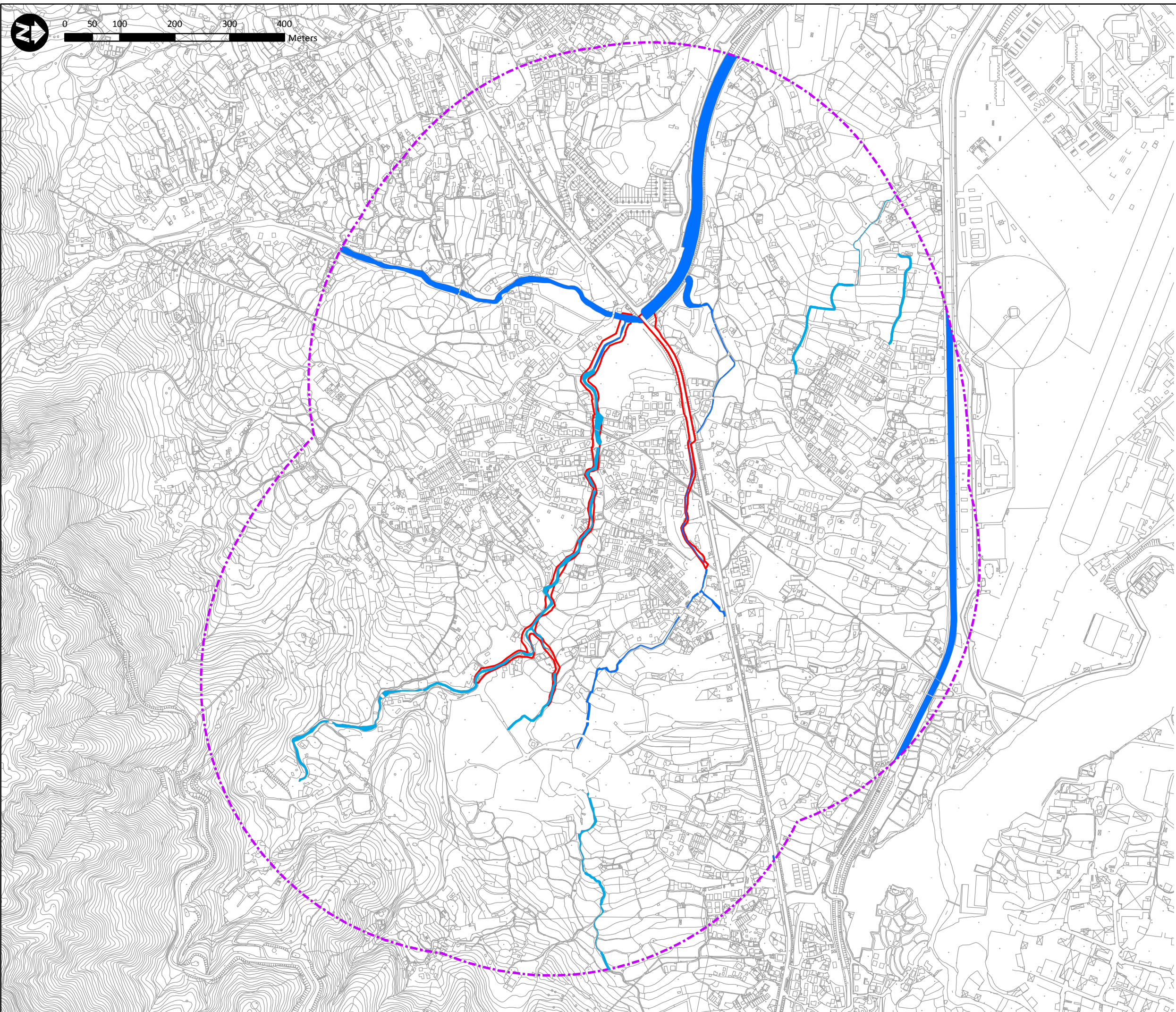


Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Watercourses within 500m
 Study Area of Tai Wo

| | | | |
|--------------|-----|--------|---------------|
| Drawn by: | EW | Scale: | 1:5,000 on A3 |
| Checked By: | DJS | Date: | 11 Nov 2015 |
| Approved by: | DJS | | |

Figure Number: **Figure 10** Revision: 0



- 500m Study Area
- Work Limit Boundary
- Semi-natural Watercourse
- Channelised Watercourse



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

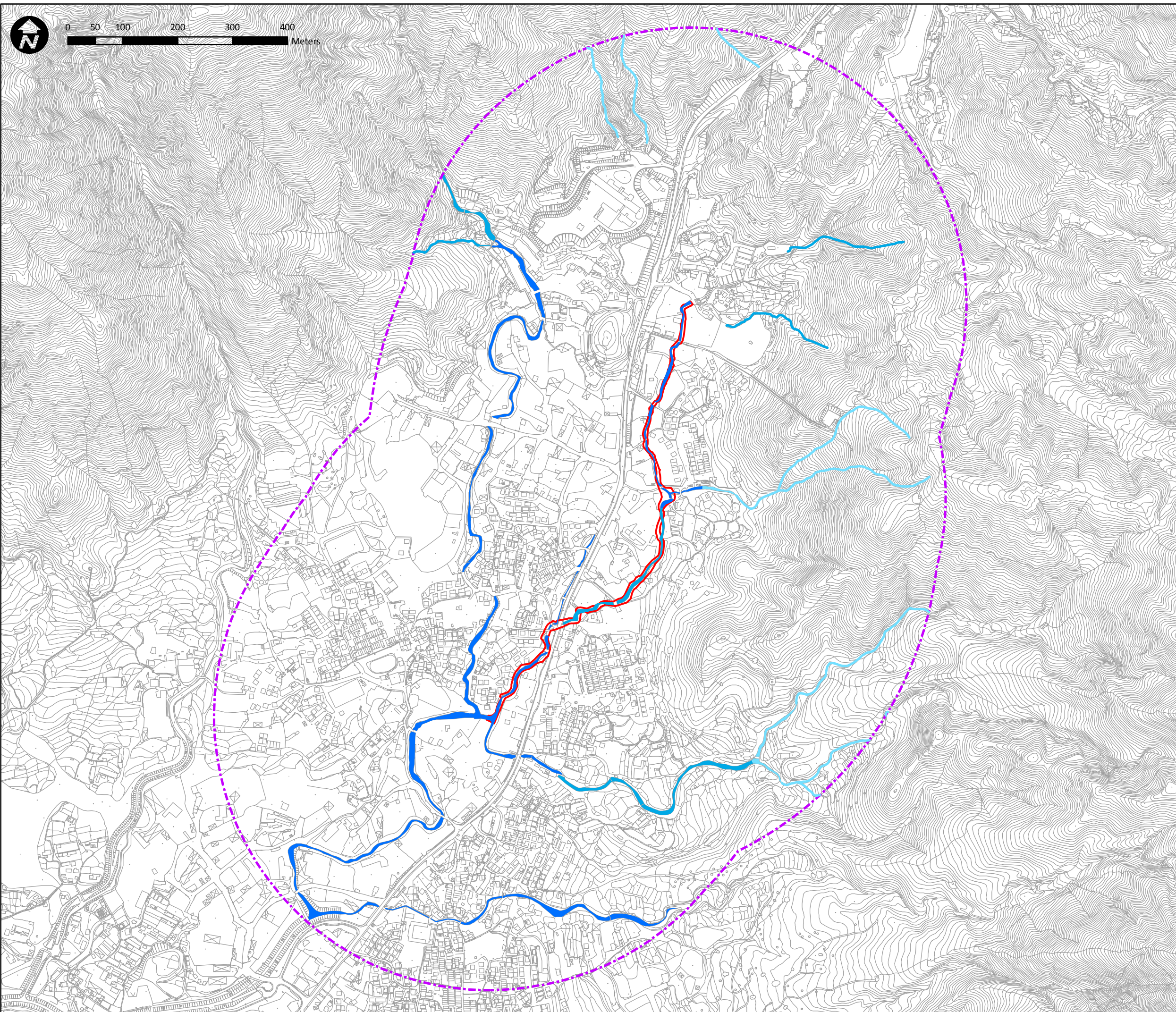
Figure Title:
 Watercourses within 500m
 Study Area of Lin Fa Tei






| | | | |
|--------------|-----|--------|---------------|
| Drawn by: | EW | Scale: | 1:6,500 on A3 |
| Checked By: | DJS | Date: | 11 Nov 2015 |
| Approved by: | DJS | | |

Figure Number: **Figure 11** Revision: 0



0 50 100 200 300 400 Meters



-  500m Study Area
-  Work Limit Boundary
-  Natural Watercourse
-  Semi-natural Watercourse
-  Channelised Watercourse



Project Title:
 Contract No. PM 10/2014
 Ecological Baseline Survey for
 Drainage Improvement Works in Yuen Long, Stage 1

Figure Title:
 Watercourses within 500m
 Study Area of Ha Che

| | | | |
|--------------|-----|--------|---------------|
| Drawn by: | EW | Scale: | 1:6,500 on A3 |
| Checked By: | DJS | Date: | 11 Nov 2015 |
| Approved by: | DJS | | |

| | | | |
|----------------|-----------|-----------|---|
| Figure Number: | Figure 12 | Revision: | 0 |
|----------------|-----------|-----------|---|