

Appendix 10.5 Presence of Mammal Species Recorded Within the Survey Area

| Appendix<br>Itom No | 10.5 Presence of Mammal Sp<br>Common Name | pecies Recorded Within the S<br>Scientific Name | urvey Area<br>Chinese Name | Conservation Status <sup>1</sup>                  | Commonness <sup>2</sup>   |                 |     |    |     |           |    | Habita | t <sup>3</sup> |     |    |                    |    |
|---------------------|---|---|----------------------------|---|---|-----------------|-----|----|-----|-----------|----|--------|----------------|-----|----|--------------------|----|
| item No.            | Common Name                               | Scientific Name                                 | Chinese Name               | Conservation Status                               | Commonness  |                 |     |    |     | sment Are |    |        |                |     |    | Area (Aboveground) |    |
| 1                   | Chinese Noctule                           | Nyctalus plancyi                                | 中華山蝠                       | Cap.170;<br>Fellowes: PRC (RC)                    | Fairly widely distributed in countryside areas throughout Hong  | <b>MWL</b><br>1 | FSW | PL | S/G | WC        | RE | AL     | <b>DA</b> 1    | MWL | PL | S/G WC             | DA |
| 2                   | Japanese Pipistrelle                      | Pipistrellus abramus                            | 東亞家蝠                       | Cap.170   | Widely distributed throughout Hong Kong.  | 1               |     |    | 1   |           |    |        |                |     |    |                    | 1  |
| 3                   | Least Pipistrelle                         | Pipistrellus tenuis                             | 小伏翼                        | Cap. 170;<br>RLCV(NT)                             | Ten-something records found in Nam Chung, Sheung Wo Hang, Lin Ma Hang, Plover Cove Country Park, Yuen Long, Shek Pik, Deep Water Bay, Ho Pui and Ho Chung.          |                 |     |    |     |           |    |        | 1              |     |    |                    |    |
| 4                   | Chinese Pipistrelle                       | Hypsugo pulveratus                              | 灰伏翼                        | Cap.170   | Only several records in<br>the countryside areas at<br>Ting Kau, Ma On Shan<br>and Lin Ma Hang, and<br>several records of stray<br>individuals inside<br>buildings. |                 |     |    |     |           |    |        | 1              |     |    |                    |    |
| 5                   | -   | Myotis sp.                                      | 鼠耳蝠屬                       | Cap.170   | -   | 1               |     |    |     |           |    |        |                |     |    |                    |    |
| 6                   | Unidentified Bat                          | -   | -                          | Cap.170   | -   | 1               |     | 1  |     |           |    |        |                |     |    |                    |    |
| 7                   | Pallas's Squirrel                         | Callosciurus erythraeus                         | 赤腹松鼠                       | Cap.170   | Fairly widely<br>distributed, with the<br>styani subspecies found<br>in the New Territories   |                 |     | 1  |     |           |    |        |                |     |    |                    |    |
| 8                   | Indochinese Forest Rat                    | Rattus andamanensis                             | 印支林鼠                       | -   | Widely distributed in countryside areas throughout Hong Kong.   |                 |     | 1  |     | 1         |    |        |                |     |    | 1                  |    |
| 9                   | Masked Palm Civet                         | Paguma larvata                                  | 果子狸                        | Cap.170<br>Cap.586<br>Fellowes: PRC<br>CITES(III) | Widely distributed in countryside areas throughout Hong Kong, except for  | 1               |     |    |     |           |    |        |                |     |    |                    |    |
| 10                  | Eurasian Wild Pig                         | Sus scrofa                                      | 野豬                         | -   | Very widely distributed in countryside areas throughout Hong Kong.  | 1               |     |    |     |           |    |        |                | 1   |    |                    |    |
| 11                  | Red Muntjac                               | Muntiacus muntjak                               | 赤麂                         | Fellowes: PRC;<br>RLCV(NT)                        | Very widely distributed in countryside areas throughout Hong Kong.  |                 |     |    | 1   |           |    |        |                |     |    |                    |    |
| Notes               | 1   | ı   |                            | I   | TOTAL   | 6               | 0   | 3  | 2   | 1         | 0  | 0      | 3              | 1   | 0  | 0 1                | 1  |

#### Notes

- 1. Conservation and Protection Status:
  - a. Cap. 170 Protected under Wild Animals Protection Ordinance
  - b. Fellowes 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.
  - c. RLCV Red List of China's Vertebrate (2016): NT = Near Threatened
- 2. Commonness as per AFCD database: Available at https://bih.gov.hk/en/home/index.html
- 3. Habitats: MWL = Mixed Woodland, FSW = Fung Shui Woodland, S/G = Shrubland/Grassland, WC = Watercourse, RE = Reservoir, DA = Developed Area, PL = Plantation (Project Site), AL = Agricultural Land 4. References:
- AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <a href="https://bih.gov.hk/en/home/index.html">https://bih.gov.hk/en/home/index.html</a> in Feb 2022.

Fellowes et al. 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.

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Wang, S. 1998. China Red Data Book of Endangered Animals: Mammalia. Science Press. Beijing. China. 417pp.



|   | 10.6 Maximum Count of I Common Name | Scientific Name       | Chinese | Conservation  | Distribution in Hong  |        |      |     |             |           |          |    | Habitat <sup>3</sup> |    |       |         |             |          |    |
|---|-------------------------------------|-----------------------|---------|---|---|--------|------|-----|-------------|-----------|----------|----|----------------------|----|-------|---------|-------------|----------|----|
|   |                                     |                       | Name    | Status <sup>1</sup>   | Kong <sup>2</sup>   |        |      |     | 500         | m Assesme | ont Aron |    | 22422444             |    |       | Project | Area (Above | ograund) |    |
|   |                                     |                       |         |   |   | MWL    | FSW  | PL  | 500<br>S/G  | WC        | RE       | AL | DA                   | SW | MWL   | PL      | S/G         | WC       | DA |
|   |                                     |                       |         |   |   | IVIVVL | 1377 | I L | <i>5</i> /G | , , ,     | KL       | AL | DA                   |    | WIVVL | I L     | <i>3</i> /G | •        | DA |
| 1 | Black-crowned Night Heron           | Nycticorax nycticorax | 夜鷺      | Fellowes: (LC)  | Common resident and migrant. Widely distributed in Hong Kong.   |        |      |     |             | 1         |          |    |                      | 1  |       |         |             |          |    |
| 2 | Great Egret                         | Ardea alba            | 大白鷺     | Fellowes: PRC (RC)  | Common resident,<br>migrant and winter<br>visitor. Widely distributed<br>in Hong Kong.                          |        |      |     |             |           |          |    |                      | 1  |       |         |             |          |    |
| 3 | Little Egret                        | Egretta garzetta      | 小白鷺     | Fellowes: PRC (RC)  | Common resident and<br>widely distributed in<br>coastal area throughout<br>Hong Kong                            |        |      |     |             |           |          |    |                      | 14 |       |         |             |          |    |
| 4 | Pacific Reef Heron                  | Egretta sacra         | 岩鷺      | Fellowes: (LC);<br>CSMPS(II);<br>CRDB: Rare   | Common resident and<br>widely distributed in<br>coastal areas throughout<br>Hong Kong                           |        |      |     |             |           |          |    |                      | 1  |       |         |             |          |    |
| 5 | Crested Serpent Eagle               | Spilornis cheela      | 蛇鵰      | Cap. 586;<br>Fellowes: (LC);<br>CSMPS (II);<br>RLCV(NT);<br>CRDB: VU;<br>CITES (II) | Common resident. Widely distributed in shrublands on hillsides throughout Hong Kong.                            |        |      |     | 1           |           |          |    |                      |    |       |         |             |          |    |
| 6 | Black Kite                          | Milvus migrans        | 黑鳶      | Cap. 586;<br>Fellowes: (RC);<br>CSMPS (II);<br>CITES (II)                           | Common resident and<br>winter visitor, widely<br>distributed in Hong Kong                                       | 1      |      | 1   | 9           |           |          |    |                      |    |       |         |             |          |    |
| 7 | Eastern Buzzard                     | Buteo japonicus       | 普通鵟     | Cap.586;<br>CSMPS(II);<br>CITES(II)   | Common winter visitor<br>and widely distributed in<br>Hong Kong   |        |      |     | 1           |           |          |    |                      |    |       |         |             |          |    |
| 8 | Common Sandpiper                    | Actitis hypoleucos    | 機鷸      | -   | Common passage migrant<br>and winter visitor. Widely<br>distributed in wetland<br>area throughout Hong<br>Kong. |        |      |     |             |           |          |    | 1                    | 1  |       |         |             |          |    |
| 9 | Spotted Dove                        | Spilopelia chinensis  | 珠頸斑鳩    | -   | Abundant resident.<br>Widely distributed in<br>Hong Kong.   | 2      | 2    | 2   |             |           |          | 2  | 16                   |    | 2     | 2       |             |          | 16 |



|    | c 10.6 Maximum Count of I | Scientific Name        | Chinese<br>Name | Conservation Status <sup>1</sup>                                     | Distribution in Hong<br>Kong <sup>2</sup>  |     |     |    |     |           |          |    | Habitat <sup>3</sup> |    |     |         |             |         |    |
|----|---------------------------|------------------------|-----------------|--|--|-----|-----|----|-----|-----------|----------|----|----------------------|----|-----|---------|-------------|---------|----|
|    |                           |                        |                 | Status   | Kong   |     |     |    | 500 | m Assesme | ent Area |    |                      |    |     | Project | Area (Above | ground) |    |
|    |                           |                        |                 |  |  | MWL | FSW | PL | S/G | WC        | RE       | AL | DA                   | SW | MWL | PL      | S/G         | WC      | DA |
| 10 | Greater Coucal            | Centropus sinensis     | 褐翅鴉鵑            | CSMPS(II)  | Common resident. Widely distributed in Hong Kong.  |     |     |    | 1   |           |          |    |                      |    |     |         |             |         |    |
| 11 | Collared Scops Owl        | Otus lettia            | 領角鴞             | Cap.586;<br>CITES(II);<br>CSMPS(II)                                  | Common resident and widely distributed in shrubland throughout Hong Kong   |     |     |    | 1   |           |          |    |                      |    |     |         |             |         |    |
| 12 | Brown Fish Owl            | Ketupa zeylonensis     | 褐漁鴞             | Cap. 586;<br>Fellowes: RC;<br>CSMPS (II);<br>RLCV(EN);<br>CITES (II) | Scarce resident. Widely distributed in Hong Kong.  |     |     |    |     |           |          |    | 1                    |    |     |         |             |         |    |
| 13 | Grey Nightjar             | Caprimulgus jotaka     | 普通夜鷹            | Fellowes: LC   | Scarce passage migrant. Widely distributed in Hong Kong.   | 1   |     |    |     |           |          |    |                      |    |     |         |             |         |    |
| 14 | Savanna Nightjar          | Caprimulgus affinis    | 林夜鷹             | -  | Uncommon resident.<br>Widely distributed in<br>Hong Kong.  |     |     |    | 1   |           |          |    |                      |    |     |         |             |         |    |
| 15 | House Swift               | Apus nipalensis        | 小白腰雨燕           | -  | Abundant spring migrant and common resident. Widely distributed in Hong Kong.                                      |     |     |    | 1   |           |          |    |                      |    |     |         | 1           |         |    |
| 16 | White-throated Kingfisher | Halcyon smyrnensis     | 白胸翡翠            | Fellowes: (LC)   | Common resident. Widely distributed in coastal areas throughout Hong Kong.   |     |     |    | 4   |           | 2        |    |                      |    |     |         |             |         |    |
| 17 | Common Kingfisher         | Alcedo atthis          | 普通翠鳥            | -  | Common passage migrant<br>and winter visitor. Widely<br>distributed in wetland<br>habitat throughout Hong<br>Kong. |     |     |    |     |           |          |    |                      | 1  |     |         |             |         |    |
| 18 | Scarlet minivet           | Pericrocotus speciosus | 赤紅山椒鳥           | -  | Common resident. Found<br>in Tai Po Kau, the Peak,<br>Lam Tsuen, Cape<br>D'Aguilar Road, Shing<br>Mun.             |     |     |    |     |           |          |    | 1                    |    |     |         |             |         |    |



| Item No. | :10.6 Maximum Count of<br>Common Name | Scientific Name        | Chinese<br>Name | Conservation Status <sup>1</sup> | Distribution in Hong<br>Kong <sup>2</sup>   |     |     |    |     |           |          |    | Habitat <sup>3</sup> |    |     |         |             |         |    |
|----------|---------------------------------------|------------------------|-----------------|----------------------------------|---|-----|-----|----|-----|-----------|----------|----|----------------------|----|-----|---------|-------------|---------|----|
|          |                                       |                        |                 | Status                           | Kong  |     |     |    | 500 | m Assesme | ent Area |    |                      |    |     | Project | Area (Above | ground) |    |
|          |                                       |                        |                 |                                  |   | MWL | FSW | PL | S/G | WC        | RE       | AL | DA                   | SW | MWL | PL      | S/G         | WC      | DA |
| 19       | Black Drongo                          | Dicrurus macrocercus   | 黑卷尾             | -                                | Common autumn passage migrant and winter visitor. Widely distributed in open area throughout Hong Kong. |     |     | 1  | 1   |           |          |    |                      |    |     |         |             |         |    |
| 20       | Red-billed Blue Magpie                | Urocissa erythroryncha | 紅嘴藍鵲            | -                                | Common resident. Widely distributed in woodland edges throught Hong Kong.                               |     |     | 1  |     |           |          |    |                      |    |     | 1       |             |         |    |
| 21       | Oriental Magpie                       | Pica serica            | 喜鵲              | -                                | Common resident. Widely distributed in Hong Kong.   |     |     | 1  |     |           |          |    |                      |    |     | 1       |             |         |    |
| 22       | Large-billed Crow                     | Corvus macrorhynchos   | 大嘴烏鴉            | -                                | Common resident. Widely distributed in Hong Kong.   | 3   |     | 3  | 5   |           |          |    | 1                    |    | 3   | 3       | 5           |         | 1  |
| 23       | Cinereous Tit                         | Parus cinereus         | 蒼背山雀            | -                                | Common resident. Widely distributed in Hong Kong.   |     | 5   |    |     |           |          |    |                      |    | 1   |         |             |         |    |
| 24       | Red-whiskered Bulbul                  | Pycnonotus jocosus     | 紅耳鵯             | -                                | Abundant resident. Widely distributed in Hong Kong.   | 30  | 8   | 3  | 3   |           |          | 1  | 10                   |    | 7   | 3       | 3           |         | 10 |
| 25       | Chinese Bulbul                        | Pycnonotus sinensis    | 白頭鵯             | -                                | Abundant resident. Widely distributed in Hong Kong.   |     | 9   | 4  | 1   | 1         |          |    | 7                    |    |     | 4       | 1           |         | 7  |
| 26       | Chestnut Bulbul                       | Hemixos castanonotus   | 栗背短腳鵯           | -                                | Common resident and winter visitor. Widely distributed in woodland throughout Hong Kong.                |     |     | 1  |     |           |          |    | 1                    |    |     |         |             |         |    |
| 27       | Yellow-browed Warbler                 | Phylloscopus inornatus | 黄眉柳鶯            | -                                | Abundant winter visitor and migrant. Widely distributed in woodland throughout Hong Kong.               | 1   |     | 1  |     |           |          |    |                      |    | 1   | 1       |             |         |    |



| tem No. | Common Name                      | Scientific Name            | Chinese<br>Name | Conservation<br>Status <sup>1</sup>  | Distribution in Hong<br>Kong <sup>2</sup>   |     |     |    |     |           |          |    | Habitat <sup>3</sup> |    |     |           |             |         |    |
|---------|----------------------------------|----------------------------|-----------------|--------------------------------------|---|-----|-----|----|-----|-----------|----------|----|----------------------|----|-----|-----------|-------------|---------|----|
|         |                                  |                            |                 |                                      |   |     |     |    | 500 | m Assesme | ent Area |    |                      |    |     | Project . | Area (Above | ground) |    |
|         |                                  |                            |                 |                                      |   | MWL | FSW | PL | S/G | WC        | RE       | AL | DA                   | SW | MWL | PL        | S/G         | WC      | DA |
| 8       | Pallas's Leaf Warbler            | Phylloscopus proregulus    | 黃腰柳鶯            | -                                    | Common winter visitor and migrant. Found in woodland throughout Hong Kong.  | 1   |     | 1  | 1   |           |          |    |                      |    | 1   | 1         | 1           |         |    |
| )       | Yellow-bellied Prinia            | Prinia flaviventris        | 黃腹鷦鶯            | -                                    | Common resident. Widely distributed in Hong Kong.   |     |     |    |     |           |          |    | 1                    |    |     |           |             |         | 1  |
| 0       | Plain Prinia                     | Prinia inornata            | 純色鷦鶯            | -                                    | Locally common resident.<br>Widely distributed in<br>grassland throughout<br>Hong Kong.   |     |     | 1  |     |           |          |    |                      |    |     |           |             |         |    |
|         | Common Tailorbird                | Orthotomus sutorius        | 長尾縫葉鶯           | -                                    | Common resident. Widely distributed in Hong Kong.   |     | 3   | 2  |     |           |          |    | 1                    |    | 1   | 2         |             |         | 1  |
|         | Rufous-capped Babbler            | Stachyridopsis ruficeps    | 紅頭穗鶥            | Fellowes: LC                         | Common resident. Found<br>in Shing Mun, Tai Po Kau,<br>Tai Mek Tuk, Ng Tung<br>Chai, Fo Tan, Tai Mo<br>Shan, The Peak, Kadoorie<br>Agricultural Research<br>Centre. | 1   |     |    |     |           |          |    |                      |    |     |           |             |         |    |
| }       | Black-throated<br>Laughingthrush | Pterorhinus chinensis      | 黑喉噪鶥            | Class 2 Protected<br>Animal of China | Common resident. Widely distributed in woodland and shrubland throughout Hong Kong.   |     |     | 1  | 1   |           |          |    |                      |    |     |           |             |         |    |
| :       | Masked Laughingthrush            | Pterorhinus perspicillatus | 黑臉噪鶥            | -                                    | Abundant resident. Widely distributed in shrubland throughout Hong Kong.  |     |     | 3  |     |           |          |    | 5                    |    |     | 3         |             |         | 5  |
| 5       | Indochinese Yuhina               | Yuhina torqueola           | 栗耳鳳鶥            | Fellowes: (LC)                       | Uncommon but increasing winter visitor, scarce and localised in summer.   |     |     | 1  |     |           |          |    |                      |    |     |           |             |         |    |



| d Myna                      | Zosterops simplex  Acridotheres cristatellus  Gracupica nigricollis | H<br>田<br>緑<br>繡<br>眼<br>鳥<br>八<br>哥  | Status <sup>1</sup> -  -  | Abundant resident. Widely distributed in Hong Kong.  Abundant resident. Widely distributed in Hong Kong. | MWL<br>3        | FSW 2                                | PL 11   | 500r<br>S/G  | m Assesme  | nt Area<br>RE   | AL   | DA<br>4  | SW   | MWL<br>3  | Project A  | Area (Above<br>S/G   | ground)<br>WC  | <b>DA</b> 4  |
|-----------------------------|---|---|---|--|-----------------|--------------------------------------|---|--|--|---|--|--|--|---|--|--|--|--|
| d Myna<br>collared Starling | Acridotheres cristatellus   | 八哥  | -   | Widely distributed in Hong Kong.  Abundant resident. Widely distributed in Hong Kong.                    |                 |                                      |   |  |  |   | AL   |  | SW   |   | PL   |  |  |  |
| d Myna<br>collared Starling | Acridotheres cristatellus   | 八哥  | -   | Widely distributed in Hong Kong.  Abundant resident. Widely distributed in Hong Kong.                    | 3               | 2                                    | 11  |  |  |   |  | 4  |  | 3   | 11   |  |  | 4  |
| d Myna<br>collared Starling | Acridotheres cristatellus   | 八哥  | -   | Widely distributed in Hong Kong.  Abundant resident. Widely distributed in Hong Kong.                    | 3               | 2                                    | 11  |  |  |   |  | 4  |  | 3   | 11   |  |  | 4  |
| collared Starling           |   |   | -   | Abundant resident. Widely distributed in Hong Kong.  | 3               | 2                                    | 11  |  |  |   |  | 4  |  | 3   | 11   |  |  | 4  |
| collared Starling           |   |   | -   | Widely distributed in Hong Kong.   |                 | 2                                    |   |  |  |   |  |  |  |   |  |  |  |  |
| Ü                           | Gracupica nigricollis   | 黑領椋鳥  | -   | Hong Kong.   |                 | 2                                    |   |  |  |   |  |  |  |   |  |  |  | 1  |
| Ü                           | Gracupica nigricollis   | 黑領椋鳥  | -   |  |                 | 1 1                                  | 3   |  |  |   |  | 2  |  |   | 3  |  |  | 2  |
| Ü                           | Gracupica nigricollis   | 黒領保馬  | -   |  |                 |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
| al Magpie Robin             |   |   |   | Common resident. Widely distributed in Hong Kong.  |                 |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
| al Magpie Robin             |   |   |   |  | 2               |                                      |   |  |  |   | 1  | 4  |  | 2   |  |  |  | 4  |
|                             | Copsychus saularis  | 鵲鴝  | -   | Abundant resident.   |                 |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
|                             |   |   |   | Hong Kong.   | 3               | 1                                    | 1   | 1  |  |   | 1  | 3  |  | 3   | 1  | 1  |  | 3  |
| Brown Flycatcher            | Muscicapa dauurica  | 北灰鶲   | -   | Common autumn passage  |                 |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
|                             |   |   |   | migrant and winter visitor. Widely distributed in Hong Kong.   | 1               |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
| an Blue Robin               | Larvivora cyane   | 藍歌鴝   | Fellowes: LC  | Scarce passage migrant.  |                 |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
|                             |   |   |   | Widely distributed in woodland throughout Hong Kong.   |                 |                                      | 1   |  |  |   |  |  |  |   | 1  |  |  |  |
| Vhistling Thrush            | Myophonus caeruleus   | 紫嘯鶇   | -   |  |                 |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
|                             |   |   |   |  | 2               |                                      |   | 1  |  |   |  |  |  | 2   |  | 1  |  |  |
| an Redstart                 | Phoenicurus auroreus  | 北紅尾鴝  | -   | Common winter visitor.   |                 |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
|                             |   |   |   | Hong Kong.   | 1               |                                      | 1   | 1  |  |   |  | 1  |  | 1   | 1  | 1  |  | 1  |
| Rock Thrush                 | Monticola solitarius  | 藍磯鶇   | -   | Locally common passage   |                 |                                      |   |  |  |   |  |  |  |   |  |  |  |  |
|                             |   |   |   | visitor. Widely distributed  |                 |                                      |   |  |  |   |  | 1  |  |   |  |  |  |  |
|                             | nistling Thrush   | rown Flycatcher  Muscicapa dauurica  Blue Robin  Larvivora cyane  Myophonus caeruleus  Redstart  Phoenicurus auroreus | rown Flycatcher Muscicapa dauurica 北灰鶲  Blue Robin Larvivora cyane 藍歌鴝  mistling Thrush Myophonus caeruleus 紫嘯鶇  Redstart Phoenicurus auroreus 北紅尾鴝 | rown Flycatcher  | rown Flycatcher | Widely distributed in Hong Kong.   3 | Widely distributed in Hong Kong. 3 1  rown Flycatcher | Widely distributed in Hong Kong. 3 1 1 1  rown Flycatcher Muscicapa dauurica 北灰鶲 - Common autumn passage migrant and winter visitor. Widely distributed in Hong Kong. 1 1  Blue Robin Larvivora cyane 藍磯鹟 - Common resident. Widely distributed in woodland throughout Hong Kong. 1 1  Inistling Thrush Myophonus caeruleus 紫嘯鹟 - Common resident. Widely distributed in shrubland and woodland throughout Hong Kong. 2 1  Inistling Thrush Phoenicurus auroreus 北紅尾錦 - Common winter visitor. Widely distributed in Hong Kong. 1 1 1 1  Inistling Thrush Monticola solitarius 藍磯鹟 - Common winter visitor. Widely distributed in Hong Kong. 1 1 1 1 | Widely distributed in Hong Kong. 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Widely distributed in Hong Kong.  3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Widely distributed in Hong Kong.   3   1   1   1   1   1   1   1   1   1 | Widely distributed in   Hong Kong.   3   1   1   1   1   1   1   1   1   1 | Widely distributed in Hong Kong. 3 1 1 1 1 1 1 3 1 3 1 3 1 1 1 1 1 1 3 3 1 1 1 1 1 1 1 3 1 3 1 1 1 1 1 1 1 3 1 3 1 1 1 1 1 1 1 1 3 1 1 3 1 1 1 1 1 1 1 1 1 1 1 3 1 1 3 1 | Widely distributed in Hong Kong.  1 1 1 1 1 1 1 3 1 3 1 1 1 1 1 3 1 3 1 | Widely distributed in Hong Kong.   3   1   1   1   1   3   3   3 | Widely distributed in Hong Kong.   3   1   1   1   1   3   3   1   1   1 | Widely distributed in Hong Kong.   3   1   1   1   3   3   3   1   1 | Widely distributed in Hong Kong.   3   1   1   1   1   3   3   1   1   1 |



Appendix 10.6 Maximum Count of Bird Species Recorded Within the Survey Area

|    | Common Name           | Scientific Name   | Chinese<br>Name | Conservation<br>Status <sup>1</sup> | Distribution in Hong<br>Kong <sup>2</sup>  |     |     |    |      |           |          |    | Habitat <sup>3</sup> |    |     |           |             |         |    |
|----|-----------------------|-------------------|-----------------|-------------------------------------|--|-----|-----|----|------|-----------|----------|----|----------------------|----|-----|-----------|-------------|---------|----|
|    |                       |                   |                 |                                     | o e e e e e e e e e e e e e e e e e e e  |     |     |    | 5001 | n Assesme | ent Area |    |                      |    |     | Project . | Area (Above | ground) |    |
|    |                       |                   |                 |                                     |  | MWL | FSW | PL | S/G  | WC        | RE       | AL | DA                   | SW | MWL | PL        | S/G         | WC      | DA |
| 45 | Eurasian Tree Sparrow | Passer montanus   | 樹麻雀             | -                                   | Abundant resident. Widely distributed in Hong Kong.  | 7   |     | 4  |      |           |          | 2  | 42                   |    | 7   | 4         |             |         | 42 |
| 46 | Grey Wagtail          | Motacilla cinerea | 灰鶺鴒             | -                                   | Common passage migrant<br>and winter visitor. Widely<br>distributed in hill streams<br>throughout Hong Kong. |     |     |    |      | 1         |          |    | 1                    |    |     |           |             |         |    |
| 47 | White Wagtail         | Motacilla alba    | 白鶺鴒             | -                                   | Resident, common passage migrant and winter visitor. Widely distributed in Hong Kong.                        | 1   |     | 1  |      | 1         |          |    | 1                    |    |     | 1         |             | 1       | 1  |
| 48 | Olive-backed Pipit    | Anthus hodgsoni   | 樹鷚              | -                                   | Common passage migrant and winter visitor. Widely distributed in Hong Kong.                                  |     |     | 4  |      |           |          |    |                      |    |     | 4         |             |         |    |
|    |                       |                   |                 | TOTA                                | _  <br>A T   | 20  | 7   | 24 | 17   | 4         | 1        | 5  | 20                   | 6  | 15  | 18        | 8           | 1       | 14 |

#### Notes:

- 1. Conservation and Protection Status:
  - a. All birds in Hong Kong are protected under Cap. 170 Protected under Wild Animals Protection Ordinance
  - b. Cap. 586: Protection of Endangered Species of Animals and Plants Ordinance
  - c. Fellowes 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.
  - d. CSMPS China State Major Protection Status: Appendix I/II
  - e. RLCV Red List of China's Vertebrate (2016): NT = Near Threatened, EN: Endangered
  - f. CRDB China Red Data Book (1998): VU = Vulnerable
  - g. CITES Under Appendix (I), Appendix (II) or Appendix (III) of Convention on International Trade in Endangered Species of Wild Flora and Fauna
- 2. Distribution as per AFCD database. Available at https://bih.gov.hk/en/home/index.html:
- 3. Habitats: MWL = Mixed Woodland, FSW = Fung Shui Woodland, S/G = Shrubland/Grassland, WC = Watercourse, RE = Reservoir, DA = Developed Area, PL = Plantation (Project Site), AL = Agricultural Land, SW = Sea Water
- 1 References
- AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <a href="https://bih.gov.hk/en/home/index.html">https://bih.gov.hk/en/home/index.html</a> in Feb 2022.

Fellowes et al. 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159. Jiang et al. 2016. Red List of China's Vertebrates. Biodiversity Science: 24 (5) 500-551.

Zheng, G. M. and Wang, Q. S. (1998). China Red Data Book of Endangered Animals: Aves. Science Press, Beijing, pp 1-346.



Appendix 10.7 Maximum Count of Reptile Species Recorded Within Survey Area

| Item No. | Common Name         | Scientific Name           | Chinese Name | Conservation and  | Distribution in Hong Kong <sup>2</sup>   |     |      |    |                |                  |           | Hab           | itat <sup>3</sup> |      |               |                    | 7)             |    |
|----------|---------------------|---------------------------|--------------|---|--|-----|------|----|----------------|------------------|-----------|---------------|-------------------|------|---------------|--------------------|----------------|----|
|          |                     |                           |              | Protection Status <sup>1</sup>                                    |  | MWL | FSW  | PL | 500m As<br>S/G | ssesment A<br>WC | rea<br>RE | $\mathbf{AL}$ | DA                | MWL  | Project<br>PL | Area (Above<br>S/G | eground)<br>WC | DA |
| 1        | Red-eared Slider    | Trachemys scripta         | 巴西龜          | -   | Widely distributed and commonly found in reservoirs or ponds in urban parks.   | WWL | 1300 |    | 3/3            |                  | 1         |               |                   | VIVE | T.E.          | 9,0                |                |    |
| 2        | Changeable Lizard   | Calotes versicolor        | 變色樹蜥         | -   | Widely distributed throughout Hong Kong.   |     | 1    |    | 1              |                  |           |               |                   |      |               | 1                  |                |    |
| 3        | Blue-tailed Skink   | Plestiodon quadrilineatus | 四綫石龍子        | -   | Distributed in woodlands on<br>Lantau Island, Hong Kong<br>Island, Po Toi, Lung Kwu<br>Chau.   |     |      | 1  |                |                  |           |               |                   |      |               |                    |                |    |
| 4        | Indian Forest Skink | Sphenomorphus indicus     | 銅蜓蜥          | Fellowes: LC  | Distributed in woodlands in eastern and central New Territories.   | 1   |      |    |                |                  |           |               |                   |      |               |                    |                |    |
| 5        | Chinese Gecko       | Gekko chinensis           | 壁虎           | -   | Widely distributed throughout Hong Kong.   | 1   |      | 2  |                |                  |           |               |                   | 1    | 1             |                    |                |    |
| 6        | Bowring's Gecko     | Hemidactylus bowringii    | 原尾蜥虎         | -   | Distributed throughout Hong<br>Kong.   | 5   |      | 1  | 1              | 1                |           |               | 1                 | 3    | 1             | 1                  |                | 1  |
| 7        | Copperhead Racer    | Coelognathus radiatus     | 三索錦蛇         | Fellowes: PRC;<br>RLCV(EN);<br>CRDB: EN                           | Widely distributed throughout Hong Kong.   |     |      |    |                | 1                |           |               |                   |      |               |                    |                |    |
| 8        | Common Wolf Snake   | Lycodon aulicus           | 白環蛇          | RLCV(NT)  | Widely distributed at low elevations throughout Hong Kong Island, Lantau Island and Lamma Island. Several individuals recorded in New Territories. | 1   |      |    |                |                  |           |               |                   |      |               |                    |                |    |
| 9        | Common Rat Snake    | Ptyas mucosus             | 滑鼠蛇          | Cap.586;<br>Fellowes: PRC;<br>RLCV(EN);<br>CRDB: EN;<br>CITES(II) | Widely distributed throughout Hong Kong.   |     |      |    |                | 1                |           |               |                   |      |               |                    |                |    |
| 10       | Many-banded Krait   | Bungarus multicinctus     | 銀環蛇          | Fellowes: PRC;<br>RLCV(EN);<br>CRDB: VU                           | Common and widely distributed in Hong Kong.  | 1   |      |    |                |                  |           |               |                   |      |               |                    |                |    |
|          |                     |                           |              |   | TOTAL  | 5   | 1    | 3  | 2              | 3                | 1         | 0             | 1                 | 2    | 2             | 2                  | 0              | 1  |

#### Notes

- 1. Conservation and Protection Status:
  - a. Cap. 586: Protection of Endangered Species of Animals and Plants Ordinance
  - b. Fellowes Fellowes et al. (2002): PRC = Potential 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.
  - c. RLCV Red List of China's Vertebrate (2016): NT = Near Threatened, EN: Endangered
  - d. CRDB China Red Data Book (1998): VU = Vulnerable, EN: Endangered
  - e. CITES Under Appendix (I), Appendix (II) or Appendix (III) of Convention on International Trade in Endangered Species of Wild Flora and Fauna
- 2. Distribution as per AFCD database. Available at https://bih.gov.hk/en/home/index.html
- 3. Habitats: MWL = Mixed Woodland, FSW = Fung Shui Woodland, S/G = Shrubland/Grassland, WC = Watercourse, RE = Reservoir, DA = Developed Area, PL = Plantation (Project Site), AL = Agricultural Land
- 4. References:

AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <a href="https://bih.gov.hk/en/home/index.html">https://bih.gov.hk/en/home/index.html</a> in Feb 2022.

Fellowes et al. 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.



Appendix 10.7 Maximum Count of Reptile Species Recorded Within Survey Area

| Item No. | Common Name | Scientific Name | Chinese Name | Conservation and               | Distribution in Hong Kong <sup>2</sup> |     |            |    |           |            |    | Habita | ıt <sup>3</sup> |     |           |              |         |                        |
|----------|-------------|-----------------|--------------|--------------------------------|--|-----|------------|----|-----------|------------|----|--------|-----------------|-----|-----------|--------------|---------|------------------------|
|          |             |                 |              | Protection Status <sup>1</sup> |  |     |            |    | 500m Asso | esment Are | a  |        |                 |     | Project A | area (Aboveș | ground) |                        |
|          |             |                 |              |                                |  | MWL | <b>FSW</b> | PL | S/G       | WC         | RE | AL     | DA              | MWL | PL        | S/G          | WC      | $\mathbf{D}\mathbf{A}$ |

Jiang et al. 2016. Red List of China's Vertebrates. Biodiversity Science: 24 (5) 500-551.

IUCN. (2022). The IUCN Red List of Threatened Species (Version 2022-1). Accessed from <a href="http://www.iucnredlist.org">http://www.iucnredlist.org</a> in Jan 2022.

Zhao, E. 1998. China Red Data Book of Endangered Animals: Amphibia and Reptilia. Science Press. Beijing. China. 330pp.



Appendix 10.8 Relative Abundance of Amphibian Species Recorded Within Survey Area

| Item No. | Common Name               | Scientific Name                | Chinese Name | Conservation and                                    | Rarity in Hong Kong | Distribution in Hong Kong <sup>3</sup>                            |     |     |    |     |            |    | Habit | at <sup>4/5</sup> |     |    |             |    |    |
|----------|---------------------------|--------------------------------|--------------|---|---------------------|---|-----|-----|----|-----|------------|----|-------|-------------------|-----|----|-------------|----|----|
|          |                           |                                |              | Protection Status <sup>1</sup>                      |                     |   |     |     |    |     | sesment Ar |    |       |                   |     |    | Area (Above |    |    |
| 1        | Asian Camana Tara 1       | D II I I I'I                   | 四月二十六十八      |   | I and Comment       | YAT' I I I' I I' I I I I' I I' I I'                               | MWL | FSW | PL | S/G | WC         | RE | AL    | DA                | MWL | PL | S/G         | WC | DA |
| 1        | Asian Common Toad         | Duttaphrynus melanostictus     | 黑眶蟾蜍         | -   | Least Concern       | Widely distributed in Hong Kong.                                  | ++  |     | +  | +   | +          |    |       | +                 | ++  | +  | +           | +  | +  |
| 2        | Asiatic Painted Frog      | Kaloula pulchra                | 花狹口蛙         | -   | Least Concern       | Widely distributed in Hong<br>Kong.                               |     |     |    |     | +          |    |       |                   |     |    |             | +  |    |
| 3        | Butler's Pigmy Frog       | Microhyla butleri              | 粗皮姬蛙         | -   | Least Concern       | Widely distributed in Hong<br>Kong.                               |     |     |    |     | +          |    |       |                   |     |    |             |    |    |
| 4        | Marbled Pigmy Frog        | Microhyla pulchra              | 花姬蛙          | -   | Least Concern       | Widely distributed in Hong<br>Kong.                               |     |     |    |     |            |    |       | +                 |     |    |             |    |    |
| 5        | Hong Kong Cascade<br>Frog | Amolops hongkongensis          | 香港湍蛙         | Cap.170;<br>Fellowes: PGC;<br>RLCV(EN);<br>IUCN(EN) | Potential Concern   | Widely distributed in Hong<br>Kong.                               |     |     |    |     | +          |    |       |                   |     |    |             |    |    |
| 6        | Paddy Frog                | Fejervarya multistriata        | 澤蛙           | -   | Least Concern       | Widely distributed in Hong<br>Kong.                               |     |     |    |     | +          |    |       | +                 |     |    |             | +  |    |
| 7        | Chinese Bullfrog          | Hoplobatrachus rugulosus       | 虎紋蛙          | Fellowes: PRC;<br>CSMPS(II);<br>RLCV(EN)            | Potential Concern   | Widely distributed in Hong<br>Kong.                               |     |     |    |     | +          |    |       |                   |     |    |             |    |    |
| 8        | Lesser Spiny Frog         | Quasipaa exilispinosa          | 小棘蛙          | Fellowes: PGC;<br>RLCV(VU);<br>IUCN(VU)             | Potential Concern   | Widely distributed in upland forest streams throughout Hong Kong. |     |     |    |     | ++         |    |       |                   |     |    |             |    |    |
| 9        | Günther's Frog            | Sylvirana guentheri            | 沼蛙           | -   | Least Concern       | Widely distributed throughout Hong Kong.                          |     |     |    |     | ++         |    |       | +                 |     |    |             | ++ | +  |
| 10       | Brown Tree Frog           | Polypedates megacephalus       | 斑腿泛樹蛙        | -   | Least Concern       | Widely distributed throughout Hong Kong.                          | +   | +   |    |     | +          |    |       |                   | +   |    |             | +  |    |
| 11       | Greenhouse Frog           | Eleutherodactylus planirostris | 溫室蟾          | -   | -                   | Widely distributed throughout Hong Kong.                          | +   |     | +  | ++  | ++         |    |       |                   | +   | +  | ++          | ++ |    |
|          |                           |                                |              |   |                     | TOTAL   | 3   | 1   | 2  | 2   | 10         | 0  | 0     | 4                 | 3   | 2  | 2           | 6  | 2  |

#### Notes:

- 1. Conservation and Protection Status:
  - a. Cap. 170: Protected under Wild Animals Protection Ordinance
  - b. Fellowes Fellowes et al. (2002): PRC = Potential Regional Concern, PGC = Potential 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.
  - c. CSMPS- China State Major Protection Status: Appendix (I) or Appendix (II)
  - d. RLCV Red List of China's Vertebrate (2016): VU = Vulnerable, EN: Endangered
  - e. IUCN International Union for Conservation of Nature Red List of Threatened Species (2022). VU = Vulnerable, EN: Endangered
- 2. Rarity as per AFCD. 2009. The Proposed Action Plan for the Conservation of Amphibians in Hong Kong (NCSC 4/09). Annex 1.
- 3. Distribution as per AFCD database. Available at https://bih.gov.hk/en/home/index.html
- 4. Habitats: MWL = Mixed Woodland, FSW = Fung Shui Woodland, S/G = Shrubland/Grassland, WC = Watercourse, RE = Reservoir, DA = Developed Area, PL = Plantation (Project Site), AL = Agricultural Land
- 5. Relative abundance: +: Scarce, ++: Uncommon, +++: Common, ++++: Abundant
- 6. References:

AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <a href="https://bih.gov.hk/en/home/index.html">https://bih.gov.hk/en/home/index.html</a> in Feb 2022.

AFCD. 2009. The Proposed Action Plan for the Conservation of Amphibians in Hong Kong (NCSC 4/09). Annex 1. Accessed from <a href="http://www.epd.gov.hk/epd/textonly/english/boards/advisory\_council/files/ncsc\_paper04\_2009.pdf">http://www.epd.gov.hk/epd/textonly/english/boards/advisory\_council/files/ncsc\_paper04\_2009.pdf</a> in Sep 2014 Fellowes et al. 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.

Jiang et al. 2016. Red List of China's Vertebrates. Biodiversity Science: 24 (5) 500-551.

IUCN. (2022). The IUCN Red List of Threatened Species (Version 2022-1). Accessed from <a href="http://www.iucnredlist.org">http://www.iucnredlist.org</a> in Jan 2022.



| Item No. | Common Name                                 | Scientific Name                      | Chinese Name | Consevation/ Protection Status | <sup>1</sup> Distribution in Hong                |              |     |          | 500m As | sesment A | rea | Habi     | tat <sup>3</sup> |  | Project | Area (Abov | eground)   |    |
|----------|---|--------------------------------------|--------------|--------------------------------|--|--------------|-----|----------|---------|-----------|-----|----------|------------------|--|---------|------------|--|----|
|          |   |                                      |              | 1 Toteetion Status             | Kong <sup>2</sup>                                | MWL          | FSW | PL       | S/G     | WC        | RE  | AL       | DA               | MWL  | PL      | S/G        | WC   | DA |
| 1        | Forest Hopper                               | Astictopterus jama                   | 腌翅弄蝶         | -                              | Common   | 1            | 1   |          | 1       |           |     |          |                  | 1  |         | 1          |  |    |
| 2        | Formosan Swift                              | Borbo cinnara                        | 秈弄蝶          | -                              | Common   | 1            |     | 1        |         |           |     |          |                  |  | 1       |            |  |    |
| 3        | Chestnut Bob                                | Iambrix salsala                      | 雅弄蝶          | -                              | Unommon  | 1            | 1   |          |         |           |     |          |                  | 1  |         |            |  |    |
| 4        | Purple Sapphire                             | Heliophorus epicles                  | 斜斑彩灰蝶        | -                              | Common   |              |     |          |         | 2         |     |          |                  |  |         |            | 2  |    |
| 5        | Common Hedge Blue                           | Acytolepis puspa                     | 鈕灰蝶          | -                              | Common   |              |     | 1        |         |           |     |          |                  |  | 1       |            |  |    |
| 6        | Lime Blue                                   | Chilades lajus                       | 紫灰蝶          | -                              | Common   |              |     |          | 2       |           |     |          |                  |  |         |            |  |    |
| 7        | Metallic Cerulean                           | Jamides alecto                       | 素雅灰蝶         | -                              | Very Rare  |              | 1   | 1        |         |           |     |          |                  |  |         |            |  |    |
| 8        | Malayan                                     | Megisba malaya                       | 美姬灰蝶         | Fellowes: LC                   | Very Rare;<br>Species of<br>Conservation Concern | 4            |     |          |         |           |     |          |                  |  |         |            |  |    |
| 9        | Pale Grass Blue                             | Pseudozizeeria maha                  | 酢漿灰碟         | -                              | Very Common                                      |              | 1   | 2        |         | 1         |     |          | 3                |  | 2       |            | 1  | 3  |
| 10       | Green Flash                                 | Artipe eryx                          | 綠灰蝶          | -                              | Uncommon   | 1            |     |          |         |           |     |          |                  | 1  |         |            |  |    |
| 11       | Silver Streak Blue                          | Iraota timoleon                      | 鐵木萊異灰蝶       | -                              | Uncommon   | 1            |     |          |         |           |     |          |                  |  |         |            |  |    |
| 12       | Club Silverline                             | Spindasis syama                      | 豆粒銀線灰蝶       | -                              | Uncommon   |              |     |          | 1       |           |     |          |                  | 1  |         |            |  |    |
| 13       | Plum Judy                                   | Abisara echerius                     | 蛇目褐蜆蝶        | -                              | Very Common                                      |              |     | 1        | 1       |           |     |          |                  | 1  | 1       | 1          |  |    |
| 14       | Tawny Rajah                                 | Charaxes bernardus                   | 白帶螯蛺蝶        | _                              | Common   | 1            |     |          | 1       |           |     |          |                  | 1  |         | 1          |  |    |
| 15       | Common Tiger                                | Danaus genutia                       | 虎斑蝶          | -                              | Common   | <del>-</del> |     | 1        | 1       | 2         |     | 1        | 1                | <del>                                     </del> | 1       | 1          | 2  | 1  |
| 16       | Common Indian Crow                          | Euploea core                         | 幻紫斑蝶         | _                              | Common   | 1            |     |          | 2       | _         |     |          | _                | 1  | _       | 2          | <del>                                     </del> |    |
| 17       | Blue-spotted Crow                           | Euploea midamus                      | 藍點紫斑蝶        | _                              | Very Common                                      | 2            | 3   | 1        | 1       | 4         |     |          |                  | 2  | 1       | 1          | 4  |    |
| 18       | Ceylon Blue Glassy Tiger                    | Ideopsis similis                     |              |                                | Very Common                                      | 1            | 3   | 1        | 1       | 1         |     |          |                  | 1  | 1       | 1          | T  |    |
| 19       | Glassy Tiger                                | Parantica aglea                      |              | -                              | Common   | 1            |     | 1        |         |           |     |          |                  | 1  | 1       |            |  |    |
| 20       | Angled Castor                               | Ariadne ariadne                      | 波蛺蝶          | -                              | Common   | 1            |     | 1        | 1       |           |     |          |                  | 1  | 1       | 1          |  |    |
|          |   |                                      |              | -                              |  | 1            |     |          | 1       | 1         |     |          |                  | 1  |         | 1          |  |    |
| 21       | Colour Sergeant                             | Athyma nefte                         | 相思帶蛺蝶        | -                              | Common   |              |     |          | 1       | 1         |     |          |                  |  |         |            |  |    |
| 22       | Staff Sergeant                              | Athyma selenophora                   | 新月帶蛺蝶        | -                              | Common   |              |     |          | 1       |           |     |          |                  | 1  |         |            |  |    |
| 23       | Rustic                                      | Cupha erymanthis                     | 黄襟蛺蝶         | -                              | Very Common                                      | 1            |     |          |         |           |     |          | 2                | 1  |         |            |  | 2  |
| 24       | White-edged Blue Baron                      | Euthalia phemius                     | 尖翅翠蛺蝶        | -                              | Common   | 1            |     |          |         |           |     |          | _                | 1  |         |            |  |    |
| 25       | Red-ring Skirt                              | Hestina assimilis                    | 黑脈蛺蝶         | -                              | Common   | 1            |     | 1        |         |           |     |          | 1                | 1  | 1       |            |  | 1  |
| 26       | Great Egg-fly                               | Hypolimnas bolina                    | 幻紫斑蛺蝶        |                                | Common   | 2            |     | 1        | 1       | 2         |     | 2        |                  | 2  | 1       | 1          | 2  |    |
| 27       | Danaid Egg-fly                              | Hypolimnas misippus                  | 金斑蛺蝶         | Fellowes: LC                   | Uncommon   |              | 1   |          | 1       |           |     |          |                  |  |         |            |  |    |
| 28       | Peacock Pansy                               | Junonia almana                       | 美眼蛺蝶         | -                              | Common   |              |     | 1        |         |           |     |          |                  |  |         |            |  |    |
| 29       | Lemon Pansy                                 | Junonia lemonias                     | 蛇眼蛺蝶         | -                              | Common   |              |     |          | 1       |           |     |          |                  |  |         | 1          |  |    |
| 30       | Blue Pansy                                  | Junonia orithya                      | 翠藍眼蛺蝶        | -                              | Uncommon   |              |     | 1        |         |           |     |          |                  |  |         |            |  |    |
| 31       | Common Sailer                               | Neptis hylas                         | 中環蛺蝶         | -                              | Very Common                                      | 1            | 2   | 1        | 1       |           |     |          | 1                | 1  | 1       | 1          |  | 1  |
| 32       | Black Prince                                | Rohana parisatis                     | 羅蛺蝶          | -                              | Common   |              |     |          | 1       | 1         |     |          |                  |  |         |            |  |    |
| 33       | Common Jester                               | Symbrenthia lilaea                   | 散紋盛蛺蝶        | -                              | Common   | 1            |     |          |         |           |     |          |                  | 1  |         |            |  |    |
| 34       | Dark Evening Brown                          | Melanitis phedima                    | 睇暮眼蝶         | -                              | Uncommon   |              | 2   |          |         |           |     |          | 1                |  |         |            |  | 1  |
| 35       | Dark-brand Bush Brown                       | Mycalesis mineus                     | 小眉眼蝶         | -                              | Very Common                                      | 1            | 16  | 1        | 1       |           |     |          |                  | 1  | 1       | 1          |  |    |
| 36       | South China Bush Brown                      | Mycalesis zonata                     | 平頂眉眼蝶        | -                              | Common   | 2            |     | 1        |         |           |     |          |                  | 2  | 1       |            |  |    |
| 37       | Common Five-ring                            | Ypthima baldus                       | 矍眼蝶          | -                              | Very Common                                      | 1            |     | 3        | 1       |           |     |          |                  | 1  | 3       | 1          |  |    |
| 38       | Common Mime                                 | Chilasa clytia                       | 斑鳳蝶          | -                              | Common   | 1            |     |          |         |           |     |          |                  |  |         |            |  |    |
| 39       | Tailed Jay                                  | Graphium agamemnon                   | 統帥青鳳蝶        | -                              | Common   | 1            | 1   |          | 1       |           |     |          | 1                | 1  |         | 1          |  | 1  |
| 40       | Common Bluebottle                           | Graphium sarpedon                    | 青鳳蝶          | -                              | Very Common                                      |              |     |          | 1       | 1         |     |          | 1                |  |         | 1          | 1  | 1  |
| 41       | Chinese Peacock                             | Papilio bianor                       | 碧鳳蝶          | -                              | Common   |              |     | 1        |         |           |     |          | 1                |  | 1       |            |  | 1  |
| 42       | Red Helen                                   | Papilio helenus                      | 玉斑鳳蝶         | -                              | Very Common                                      | 1            |     | 2        | 1       |           |     |          |                  | 1  | 2       | 1          |  |    |
| 43       | Great Mormon                                | Papilio memnon                       | 美鳳蝶          | -                              | Very Common                                      | 1            | 5   | 1        | 1       |           |     |          | 1                | 1  | 1       | 1          |  | 1  |
| 44       | Paris Peacock                               | Papilio paris                        | 巴黎翠鳳蝶        | -                              | Very Common                                      | 1            | -   | 2        | 1       | 1         |     |          |                  | 1  | 2       | 1          | 1  |    |
| 45       | Common Mormon                               | Papilio polytes                      | 玉帶鳳蝶         | -                              | Very Common                                      | 1            | 2   | 2        | 1       | 1         |     |          | 2                | 1  | 2       | 1          | 1  | 2  |
| 46       | Spangle                                     | Papilio protenor                     | 藍鳳蝶          | -                              | Very Common                                      | 1            | _   | 1        |         | 1         |     |          | 1                | 1  | 1       | _          | 1  | 1  |
| 47       | Swallowtail                                 | Papilio xuthus                       | 柑橘鳳蝶         | _                              | Rare   | 1            |     | <u> </u> | 1       | <u> </u>  |     |          | -                | <del>†                                    </del> |         |            | <del>                                     </del> | 1  |
| 48       | Lemon Emigrant                              | Catopsilia pomona                    | 遷粉蝶          |                                | Common   | 1            |     | 1        | 1       | 1         |     |          | 1                | 1  | 1       | 1          | 1  | 1  |
| 49       | Common Grass Yellow                         | Eurema hecabe                        |              | -                              | Very Common                                      | 1            | 7   | 2        | 1       | 1         |     |          | 1                | 1  | 2       | 1          | 1  | 1  |
| 50       | Common Gull                                 | Cepora nerissa                       |              | -                              | Common   | 1            | /   | 1        | 1       | 1         |     |          |                  | +  |         | 1          | 1  |    |
|          |   |                                      |              | -                              |  |              |     | 1        |         |           |     |          |                  | +  | 1       |            | +  |    |
| 51<br>52 | Great Orange Tip                            | Hebomoia glaucippe<br>Pieris canidia | 鶴頂粉蝶         | -                              | Common   | 1            | 2   | 1        | 1       |           |     | <i>L</i> | 1                | 1  | 1       | 1          |  | 1  |
| 52       | Indian Cabbage White<br>Small Cabbage White | Pieris cantata Pieris rapae          | 東方菜粉蝶菜粉蝶     | -                              | Very Common<br>Rare                              | 1            | 2   | 1        | 1       |           |     | 6        | 1                | 1  | 1       | 1          |  | 1  |
| 53       |   |                                      |              |                                | INATE  |              | i   | 1        | i i     | 1         | 1   |          |                  |  | 1       |            | i  | 1  |

#### Tuen Mun Bypass



Appendix 10.9 Maximum Count of Butterfly Species Recorded within the Survey Area

| Item No. | Common Name | Scientific Name | Chinese Name | Consevation/        |                      |     |     |    |            |            |    | Habitat <sup>a</sup> | 3  |     |            |             |       |    |
|----------|-------------|-----------------|--------------|---------------------|----------------------|-----|-----|----|------------|------------|----|----------------------|----|-----|------------|-------------|-------|----|
|          |             |                 |              | Protection Status 1 | Distribution in Hong |     |     | ,  | 500m Asses | sment Area |    |                      |    |     | Project Ar | ea (Abovegr | ound) |    |
|          |             |                 |              |                     | Kong <sup>2</sup>    | MWL | FSW | PL | S/G        | WC         | RE | AL                   | DA | MWL | PL         | S/G         | WC    | DA |
|          |             |                 |              |                     |                      |     |     |    |            |            |    |                      |    |     |            |             |       |    |

## Notes:

- 1. Conservation and Protection Status:
  - a. Fellowes Fellowes et al. (2002): LC = Local 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.

#### 2.

# Distributio

- 3. Habitats: MWL = Mixed Woodland, FSW = Fung Shui Woodland, S/G = Shrubland/Grassland, WC = Watercourse, RE = Reservoir, DA = Developed Area, PL = Plantation (Project Site), AL = Agricultural Land
- AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <a href="https://bih.gov.hk/en/home/index.html">https://bih.gov.hk/en/home/index.html</a> in Feb 2022.
- Chan, A., Cheung, J., Sze, P., Wong, A., Wong, E. and Yau, E. 2011. A Review of the Local Restrictedness of Hong Kong Butterflies. Hong Kong Biodiversity 21: 1-12



| Item No. | Common Name               | Scientific Name          | Chinese Nam | e Consevation/<br>Protection Status | Rarity in Hong    | Distribution in Hong Kong <sup>2</sup>   |     |     |    | Н   | abitat <sup>3</sup> |    |    |    |     | Habitat <sup>4</sup> |             |    |    |
|----------|---------------------------|--------------------------|-------------|-------------------------------------|-------------------|--|-----|-----|----|-----|---------------------|----|----|----|-----|----------------------|-------------|----|----|
|          |                           |                          |             | Protection Status                   | Kong <sup>1</sup> |  |     |     |    |     | sesment Ar          |    |    |    |     |                      | Area (Above |    |    |
|          |                           |                          |             |                                     |                   |  | MWL | FSW | PL | S/G | WC                  | RE | AL | DA | MWL | PL                   | S/G         | WC | DA |
| 1        | Black-banded Gossamerwing | Euphaea decorata         | 方帶幽蟌        | -                                   | Abundant          | Widely distributed in all streams of Hong Kong.  |     |     |    |     |                     |    |    |    |     |                      |             |    |    |
|          |                           |                          |             |                                     |                   |  |     |     |    |     | 1                   |    |    |    |     |                      |             | 1  |    |
| 2        | Yellow Featherlegs        | Copera marginipes        | 黄狹扇蟌        | -                                   | Abundant          | Widely distributded in lowland streams, ditches, and weedy margins of pond throughout Hong Kong.   |     | 4   |    |     | 1                   |    |    |    |     |                      |             | 1  |    |
| 3        | Black Threadtail          | Prodasineura autumnalis  | 烏齒原蟌        | -                                   | Abundant          | Often perches on the plants<br>near streams. Widely<br>distributed in streams<br>throughout Hong Kong.   |     |     | 1  |     | 2                   | 7  |    |    |     |                      |             | 2  |    |
|          | Dingy Dusk-hawker         | Gynacantha subinterrupta | 細腰長尾蜓       | Fellowes: LC                        | Common            | Found in well-shaded<br>woodlands. Recorded in<br>Hong Kong Wetland Park,<br>Lantau Island, Ping Shan<br>Chai, Sha Lo Tung and Tai<br>Mo Shan.                             |     | 1   |    |     |                     |    |    |    |     |                      |             |    |    |
| 4        | Common Flangetail         | Ictinogomphus pertinax   | 霸王葉春蜓       | -                                   | Common            | Widely distributed in ponds<br>and still water throughout<br>Hong Kong.  |     |     |    |     | 1                   | 8  |    |    |     |                      |             |    |    |
| 5        | Dancing Shadow-emerald    | Idionyx victor           | 威異偽蜻        | Fellowes: LC                        | Common            | Found high in the forest canopy or over wooded streams. Widely distributed in wooded streams throughout Hong Kong.   |     |     |    |     |                     |    |    | 10 |     |                      |             |    |    |
| 6        | Asian Pintail             | Acisoma panorpoides      | 錐腹蜻         | -                                   | Common            | Widely distributed in marshes and weedy ponds throughout Hong Kong.  |     |     |    | 1   |                     |    |    |    |     |                      | 1           |    |    |
| 7        | Blue Percher              | Diplacodes trivialis     | 紋藍小蜻        | -                                   | Abundant          | Widespread, especially in late summer, when it can be found almost everywhere in Hong Kong.  |     |     |    |     | 1                   |    |    |    |     |                      |             |    |    |
| 8        | Russet Percher            | Neurothemis fulvia       | 網脈蜻         | -                                   | Common            | Found in marshes, cultivated areas, streams, tanks and irrigation feeders, sometimes even found in nearly dried out marshy areas. Widely distributed throughout Hong Kong. |     |     |    |     | 1                   |    |    |    |     |                      |             | 1  |    |



| Item No. | Common Name          | Scientific Name      | Chinese Name Consevation/<br>Protection Status | Rarity in Hong | Distribution in Hong Kong <sup>2</sup>   |     | Habitat <sup>3</sup> |    |     |           |    |    |    |     |    |             | Habitat <sup>4</sup> |    |  |
|----------|----------------------|----------------------|--|----------------|--|-----|----------------------|----|-----|-----------|----|----|----|-----|----|-------------|----------------------|----|--|
|          |                      |                      | Protection Status                              | Kong 1         |  |     |                      |    |     | sesment A |    |    |    |     |    | Area (Above |                      |    |  |
|          |                      |                      |  |                |  | MWL | FSW                  | PL | S/G | WC        | RE | AL | DA | MWL | PL | S/G         | WC                   | DA |  |
|          | Red-faced Skimmer    | Orthetrum chrysis    | 華麗灰蜻 -   | Abundant       | Widely distributed in pools and marshy areas adjacent to flowing streams throughout Hong Kong.                                       |     |                      |    | 1   |           |    |    |    |     |    | 1           |                      |    |  |
| 10       | Common Blue Skimmer  | Orthetrum glaucum    | 黑尾灰蜻 -   | Abundant       | Widely distributed in streams, conduits, drainage channels, seepages and road gutters throughout Hong Kong.                          | 2   | 1                    |    | 1   | 3         |    |    | 1  | 2   |    | 1           | 3                    | 1  |  |
| 11       | Common Red Skimmer   | Orthetrum pruinosum  | 赤褐灰蜻 -   | Abundant       | Widely distributed in slow<br>streams, ponds, rain puddles<br>and irrigation conduits.   |     |                      |    | 1   | 2         |    |    |    |     |    | 1           | 2                    |    |  |
| 12       | Green Skimmer        | Orthetrum sabina     | 狭腹灰蜻 -   | Abundant       | Widely distributed in all wetland habitats throughout Hong Kong.   |     |                      | 1  | 1   | 1         |    |    |    |     |    | 1           | 1                    |    |  |
| 13       | Wandering Glider     | Pantala flavescens   | -<br>-<br>-                                    | Abundant       | Widely distributed all over<br>Hong Kong.  |     |                      |    |     |           |    |    |    |     |    |             |                      |    |  |
|          |                      |                      |  |                |  | 3   | 1                    | 1  | 15  |           |    |    | 30 | 3   | 1  | 15          |                      | 30 |  |
| 14       | Pied Skimmer         | Pseudothemis zonata  | 玉帶蜻 -  | Common         | Widely distributed in<br>woodlands adjacent to<br>reservoirs, sluggish streams,<br>ponds, tanks and marshes<br>throughout Hong Kong. |     |                      | 1  |     |           |    |    |    |     |    |             |                      |    |  |
| .5       | Variegated Flutterer | Rhyothemis variegata | 斑麗翅蜻 -   | Common         | Widely distributed in marshes, ponds and tanks throughout Hong Kong.   |     |                      |    |     | 2         |    |    |    |     |    |             |                      |    |  |
| 16       | Evening Skimmer      | Tholymis tillarga    | 雲斑蜻 -  | Common         | Widely distributed in marshes, weedy ponds and tanks throughout Hong Kong.   |     |                      |    |     | 1         |    |    |    |     |    |             | 1                    |    |  |
| 17       | Crimson Dropwing     | Trithemis aurora     | 曉褐蜻 -  | Abundant       | Found in marshes, ponds, streams, andor even ornamental ponds in urban areas. Widely distributed throughout Hong Kong.               |     |                      |    |     | 2         | 1  |    |    |     |    |             | 2                    |    |  |



Appendix 10.10 Maximum Count of Odonate Species Recorded within the Survey Area

| em No. | Common Name      | Scientific Name   | Chinese Name | Consevation/      | Rarity in Hong<br>Kong <sup>1</sup> | Distribution in Hong Kong <sup>2</sup>   | Habitat <sup>3</sup><br>500m Assesment Area |     |    |     |    |    |    |    |     | Habitat <sup>4</sup>       |     |    |    |  |
|--------|------------------|-------------------|--------------|-------------------|-------------------------------------|--|---|-----|----|-----|----|----|----|----|-----|----------------------------|-----|----|----|--|
|        |                  |                   |              | Protection Status |                                     |  |   |     |    |     |    |    |    |    |     | Project Area (Aboveground) |     |    |    |  |
|        |                  |                   |              |                   |                                     |  | MWL   | FSW | PL | S/G | WC | RE | AL | DA | MWL | PL                         | S/G | WC | DA |  |
| 8      | Indigo Dropwing  | Trithemis festiva | 慶褐蜻          | -                 | Abundant                            | Favours sluggish sections of streams with a strong current or the small rock pools inof mountain streams. Widespread in Hong Kong. |   |     |    |     | 1  |    |    |    |     |                            |     | 1  |    |  |
| 9      | Scarlet Basker   | Urothemis signata | 赤斑曲鈎脈蜻       | Fellowes: LC      | Common                              | Common in areas with abandoned fish ponds throughout Hong Kong.  |   |     |    |     |    |    |    | 1  |     |                            |     |    | 1  |  |
| 0      | Emerald Cascader | Zygonyx iris      | 彩虹蜻          | Fellowes: PGC     | Abundant                            | Widely distributed in moderately clean, rapidly flowing forested streams throughout Hong Kong.                                     |   |     |    |     | 2  |    |    |    |     |                            |     |    |    |  |
|        |                  |                   |              |                   | TOTA                                |  | 2   | 4   | 4  | 6   | 14 | 3  | 0  | 4  | 2   | 1                          | 6   | 10 | 3  |  |

- Notes:

  1. Rarity as per AFCD. 2014.: Available at http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en.

  2. Distribution as per AFCD database. Available at https://bih.gov.hk/en/home/index.html

  3. Habitats: MWL = Mixed Woodland, FSW = Fung Shui Woodland, S/G = Shrubland/Grassland, WC = Watercourse, RE = Reservoir, DA = Developed Area, PL = Plantation (Project Site), AL = Agricultural Land
- 4. References:

AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <a href="https://bih.gov.hk/en/home/index.html">https://bih.gov.hk/en/home/index.html</a> in Feb 2022.



Appendix 10.11 Presence of Freshwater Fauna Recorded within the Survey Area

| tem No. | Common Name                   | Scientific Name            | Chinese Name | Conservation Status <sup>1</sup> |            |            |    |             | Habitat <sup>2/3</sup> |      |    |                        |     |         |             |          |    |
|---------|-------------------------------|----------------------------|--------------|----------------------------------|------------|------------|----|-------------|------------------------|------|----|------------------------|-----|---------|-------------|----------|----|
|         |                               |                            |              |                                  |            |            |    | 500m Assesr | ment Ar                | ea   |    |                        |     | Project | Area (Above | eground) |    |
|         |                               |                            |              |                                  | <b>MWL</b> | <b>FSW</b> | PL | S/G         | WC                     | RE   | AL | $\mathbf{D}\mathbf{A}$ | MWL | PL      | S/G         | WC       | DA |
| eshwate | er Fish                       |                            |              |                                  | •          |            |    |             |                        |      |    | •                      |     |         | •           | •        |    |
|         | Predaceous Chub               | Parazacco spilurus         | 異鱲           | CRDB: VU                         |            |            |    |             | +++                    |      |    |                        |     |         |             |          |    |
|         | Oriental Weatherfish          | Misgurnus anguillicaudatus | 泥鰍           | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Flat-headed Loach             | Oreonectes platycephalus   | 平頭嶺鰍         | -                                |            |            |    |             | ++                     |      |    |                        |     |         |             |          |    |
|         | Mosquito Fish                 | Gambusia affinis           | 食蚊魚          | -                                |            |            |    |             | ++                     |      |    |                        |     |         |             |          |    |
|         | Guppy                         | Poecilia reticulata        | 孔雀花鱂         | -                                |            |            |    |             | +++                    |      |    |                        |     |         |             |          |    |
|         | Nile Tilapia                  | Oreochromis niloticus      | 尼羅口孵非鯽       | -                                |            |            |    |             | +++                    | ++++ |    |                        |     |         |             |          |    |
|         | -                             | Rhinogobius duospilus      | 溪吻鰕虎魚        | -                                |            |            |    |             | ++                     |      |    |                        |     |         |             |          |    |
| shwate  | er Invertebrates              |                            |              |                                  |            |            |    |             |                        |      |    |                        |     |         |             |          |    |
|         | Unidentified Skimmer (Larva)  | Orthetrum sp.              | 灰蜻屬 (稚蟲)     | -                                |            |            |    |             | ++                     |      |    |                        |     |         |             | ++       | T  |
|         | Emerald Cascader (Larva)      | Zygonyx iris               | 彩虹蜻 (稚蟲)     | Fellowes: PGC                    |            |            |    |             | ++                     |      |    |                        |     |         |             |          |    |
|         | Mayfly (Ephemeroptera) Larva  | Baetidae sp.               | 蜉蝣幼蟲         | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Mayfly (Ephemeroptera) Larva  | Leptophlebiidae sp.        | 蜉蝣幼蟲         | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          | 1  |
|         | Backswimmer                   | Enithares sp.              | 仰泳蝽          | -                                |            |            |    |             | +++                    |      |    |                        |     |         |             | +++      |    |
|         | Water Strider                 | Ptilomera tigrina          | 水黽           | -                                |            |            |    |             | +++                    |      |    |                        |     |         |             | +++      |    |
|         | Ripple Bug                    | Veliidae sp.               | 寬肩蝽          | -                                |            |            |    |             | ++                     |      |    |                        |     |         |             | ++       |    |
|         | Caddisfly (Trichoptera) Larva | Hydropsychidae sp.         | 石蛾幼蟲         | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Caddisfly (Trichoptera) Larva | Odontoceridae sp.          | 石蛾幼蟲         | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Caddisfly (Trichoptera) Larva | Psilotreta sp.             | 石蛾幼蟲         | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Diving Beetle                 | Platynectes dissimilis     | 小斑短胸龍虱       | -                                |            |            |    |             | ++                     |      |    |                        |     |         |             | ++       |    |
|         | Riffle Beetle                 | Elmidae sp. 1              | 溪泥甲/長角泥蟲     | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Riffle Beetle                 | Elmidae sp. 2              | 溪泥甲/長角泥蟲     | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Riffle Beetle                 | Elmidae sp. 3              | 溪泥甲/長角泥蟲幼蟲   | · <b>-</b>                       |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Water Scavenger Beetle        | Agraphydrus sp.            | 水龜甲/牙蟲       | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Water Scavenger Beetle        | Coelostoma sp.             | 水龜甲/牙蟲       | -                                |            |            |    |             | +++                    |      |    |                        |     |         |             | +++      |    |
|         | Marsh Beetle Larva            | Scirtidae sp.              | 沼甲幼蟲         | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Freshwater Shrimp             | Caridina sp.               | 米蝦屬          | -                                |            |            |    | -           | ++++                   |      |    |                        |     |         |             | ++++     |    |
|         | Freshwater Prawn              | Macrobrachium sp.          | 沼蝦屬          | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Freshwater Crab               | Cryptopotamon anacoluthon  | 鰓刺溪蟹         | Fellowes: PGC;<br>IUCN(VU)       |            |            |    |             | ++                     |      |    |                        |     |         |             |          |    |
|         | Freshwater Crab               | Nanhaipotamon hongkongense | 香港南海溪蟹       | Fellowes: PGC                    |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Freshwater Crab               | Somanniathelphusa zanklon  | 鐮刀束腰蟹        | Fellowes: GC;<br>IUCN(EN)        |            |            |    |             | ++                     |      |    |                        |     |         |             | ++       |    |
|         | Mitten Crab                   | Eriocheir japonica         | 絨螯蟹          | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Freshwater Snail              | Sulcospira hainanensis     | 海南溝蜷         | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
|         | Leech                         | Hirudinea sp.              | 水蛭           | -                                |            |            |    |             | +                      |      |    |                        |     |         |             |          |    |
| -       |                               | ,                          |              | TOTAL                            | . 0        | 0          | 0  | 0           | 32                     | 1    | 0  | 0                      | 0   | 0       | 0           | 8        | (  |

#### Notes:

- 1. Conservation and Protection Status:
  - a. Fellowes Fellowes et al. (2002): 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.
  - b. CRDB China Red Data Book (1998): VU = Vulnerable
  - c. IUCN IUCN (2022): VU = Vulnerable
- 2. MWL = Mixed Woodland, FSW = Fung Shui Wood, S/G = Shrubland/Grassland, WC = Watercourse, RE = Reservoir, DA = Developed Area, PL = Plantation (Project Site), AL = Agricultural Land
- 3. Relative abundance: +: Scarce, ++: Uncommon, +++: Common, ++++: Abundant
- 4. References:

AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <a href="https://bih.gov.hk/en/home/index.html">https://bih.gov.hk/en/home/index.html</a> in Feb 2022.

Fellowes et al. 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.

IUCN. (2022). The IUCN Red List of Threatened Species (Version 2022-1). Accessed from <a href="http://www.iucnredlist.org">http://www.iucnredlist.org</a> in Jan 2022.