

**Appendix 8.6 Species of Conservation Importance Recorded within the Assessment Area during Recent Surveys and Previous Study**

| Common Name<br>(Scientific Name)  | Distribution in<br>Hong Kong <sup>(1)</sup> | Status in Hong<br>Kong   | Habitat Recorded                      |  |
|---|---|--|---------------------------------------|--|
|   |   |  | Previous Studies <sup>(2)</sup>       | Recent Survey  |
| <b>Flora</b>  |   |  |                                       |  |
| Incense Tree<br>( <i>Aquilaria sinensis</i> )                             | Common                                      | Cap. 586 <sup>(3)</sup><br>Category II <sup>(4)</sup><br>Vulnerable <sup>(5)(6)</sup>  | <i>Fung Shui</i> Woodland;<br>Orchard | Shrubland  |
| Maile-scented Fern<br>( <i>Phymatodes scolopendria</i> )                  | Rare  | -  | Pond                                  | --   |
| Lamb of Tartary<br>( <i>Cibotium barometz</i> )                           | Very Common                                 | Cap. 586 <sup>(3)</sup> ;<br>Category II <sup>(4)</sup> ;<br>Vulnerable <sup>(6)</sup>   | -                                     | Shrubland  |
| <b>Avifauna</b>   |   |  |                                       |  |
| Eurasian Wigeon <sup>(11)</sup><br>( <i>Anas penelope</i> )               | Winter Visitor                              | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond                                  | Modified Watercourse   |
| Indian Spot-billed Duck <sup>(11)</sup><br>( <i>Anas poecilorhyncha</i> ) | Resident                                    | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond                                  | -  |
| Northern Shoveler <sup>(11)</sup><br>( <i>Anas clypeata</i> )             | Abundant                                    | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond                                  | Pond;<br>Modified Watercourse  |
| Northern Pintail <sup>(11)</sup><br>( <i>Anas acuta</i> )                 | Abundant                                    | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond                                  | Modified Watercourse   |
| Eurasian Teal <sup>(11)</sup><br>( <i>Anas crecca</i> )                   | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond                                  | Modified Watercourse   |
| Tufted Duck <sup>(11)</sup><br>( <i>Aythya fuligula</i> )                 | Uncommon                                    | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | -                                     | Pond;<br>Modified Watercourse  |
| Little Grebe <sup>(11)</sup><br>( <i>Tachybaptus ruficollis</i> )         | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond                                  | Pond   |
| Eurasian Spoonbill <sup>(11)</sup><br>( <i>Platalea leucorodia</i> )      | Scarce                                      | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>LC <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Vulnerable <sup>(9)</sup> ;<br>Near Threatened <sup>(10)</sup> | Pond                                  | -  |
| Black-faced Spoonbill <sup>(11)</sup><br>( <i>Platalea minor</i> )        | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>PGC <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Endangered <sup>(5)(9)(10)</sup>   | Pond;<br>Modified Watercourse         | Pond;<br>Modified Watercourse  |
| Black Bittern <sup>(11)</sup><br>( <i>Dupetor flavicollis</i> )           | Scarce                                      | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond                                  | -  |
| Chinese Pond Heron <sup>(11)</sup><br>( <i>Ardeola bacchus</i> )          | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>PRC (RC) <sup>(7)</sup>   | Pond;<br>Modified Watercourse         | Project area;<br>Developed Area;<br>Grassland;<br>Mangrove;<br>Reedbed;<br>Pond;<br>Modified Watercourse |
| Grey Heron <sup>(11)</sup><br>( <i>Ardea cinerea</i> )                    | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>PRC <sup>(7)</sup>  | Pond                                  | Pond;<br>Modified Watercourse  |
| Purple Heron <sup>(11)</sup><br>( <i>Ardea purpurea</i> )                 | Uncommon                                    | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond                                  | -  |
| Great Egret <sup>(11)</sup><br>( <i>Ardea alba</i> )                      | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>PRC (RC) <sup>(7)</sup>   | Pond;<br>Mangrove                     | Mangrove;<br>Pond;<br>Modified Watercourse   |
| Intermediate Egret <sup>(11)</sup><br>( <i>Egretta intermedia</i> )       | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond                                  | Pond;<br>Modified Watercourse  |
| Little Egret <sup>(11)</sup><br>( <i>Egretta garzetta</i> )               | Common                                      | PRC (RC) <sup>(7)</sup>  | Pond                                  | Grassland;<br>Mangrove;<br>Pond;<br>Modified Watercourse   |

**Appendix 8.6 Species of Conservation Importance Recorded within the Assessment Area during Recent Surveys and Previous Study**

| Common Name<br>(Scientific Name)   | Distribution in<br>Hong Kong <sup>(1)</sup> | Status in Hong<br>Kong   | Habitat Recorded                |   |
|--|---|--|---------------------------------|---|
|  |   |  | Previous Studies <sup>(2)</sup> | Recent Survey   |
| Great Cormorant <sup>(11)</sup><br>( <i>Phalacrocorax carbo</i> )            | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>PRC <sup>(7)</sup>  | Pond                            | Mangrove;<br>Pond;<br>Modified Watercourse                              |
| Western Osprey <sup>(11)</sup><br>( <i>Pandion haliaetus</i> )               | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>RC <sup>(7)</sup> ;<br>Rare <sup>(9)</sup> ;<br>Near Threatened <sup>(10)</sup>  | Pond                            | In flight   |
| Black Kite <sup>(11)</sup><br>( <i>Milvus migrans</i> )                      | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>(RC) <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;   | Pond;<br>Shrubland              | Grassland;<br>Shrubland;<br>Reedbed;<br>Pond;<br>Modified Watercourse   |
| Crested Serpent Eagle<br>( <i>Spilornis cheela</i> )                         | Uncommon                                    | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>(LC) <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Vulnerable <sup>(9)</sup> ;<br>Near Threatened <sup>(10)</sup>                   | Shrubland                       | Shrubland   |
| Greater Spotted Eagle <sup>(11)</sup><br>( <i>Clanga clanga</i> )            | Scarce                                      | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Vulnerable <sup>(5)</sup> ;<br>GC <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Rare <sup>(9)</sup> ;<br>Endangered <sup>(10)</sup> | Shrubland                       | -   |
| Eastern Imperial Eagle <sup>(11)</sup><br>( <i>Aquila heliaca</i> )          | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>GC <sup>(7)</sup> ;<br>Class I <sup>(8)</sup> ;<br>Vulnerable <sup>(5)(9)</sup> ;<br>Endangered <sup>(10)</sup>                        | Pond;<br>Shrubland              | -   |
| Crested Goshawk<br>( <i>Accipiter trivirgatus</i> )                          | Uncommon                                    | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Rare <sup>(9)</sup> ;<br>Near Threatened <sup>(10)</sup>  | Shrubland                       | -   |
| Japanese Sparrowhawk<br>( <i>Accipiter gularis</i> )                         | Uncommon                                    | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Class II <sup>(8)</sup>  | Shrubland                       | -   |
| Eastern Marsh Harrier <sup>(11)</sup><br>( <i>Circus spilonotus</i> )        | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>LC <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Near Threatened <sup>(10)</sup>  | Pond                            | Pond  |
| White-bellied Sea Eagle <sup>(11)</sup><br>( <i>Haliaeetus leucogaster</i> ) | Uncommon                                    | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>(RC) <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Indeterminate <sup>(9)</sup> ;<br>Vulnerable <sup>(10)</sup>                     | N/A                             | -   |
| Eastern Buzzard <sup>(11)</sup><br>( <i>Buteo japonicus</i> )                | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Class II <sup>(8)</sup>  | Pond;<br>Shrubland              | Plantation;<br>Grassland;<br>Mangrove;<br>Pond;<br>Modified Watercourse |

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|--|---|--|---|--|
|  |   |  | Previous Studies <sup>(2)</sup>             | Recent Survey  |
| Besra<br>( <i>Accipiter virgatus</i> )   | Scarce                                      | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Class II <sup>(8)</sup>                                      | -   | In flight  |
| Slaty-breasted Rail <sup>(11)</sup><br>( <i>Gallirallus striatus</i> )         | Scarce                                      | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond  | -  |
| Watercock <sup>(11)</sup><br>( <i>Gallicrex cinerea</i> )                      | Scarce                                      | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond  | -  |
| Eurasian Coot <sup>(11)</sup><br>( <i>Fulica atra</i> )                        | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond  | -  |
| Amur Falcon<br>( <i>Falco amurensis</i> )                                      | Rare  | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Class II <sup>(6)</sup> ;<br>Near Threatened <sup>(10)</sup> | -   | Modified Watercourse   |
| Black-winged Stilt <sup>(11)</sup><br>( <i>Himantopus himantopus</i> )         | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | N/A   | Mangrove;<br>Pond;<br>Modified Watercourse   |
| Pied Avocet <sup>(11)</sup><br>( <i>Recurvirostra avosetta</i> )               | Abundant                                    | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond  | Modified Watercourse   |
| Grey-headed Lapwing <sup>(11)</sup><br>( <i>Vanellus cinereus</i> )            | Scarce                                      | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond  | -  |
| Eurasian Curlew <sup>(11)</sup><br>( <i>Numenius arquata</i> )                 | Abundant                                    | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup> ;<br>Near<br>Threatened <sup>(5)(10)</sup>                              | Pond  | Modified Watercourse   |
| Spotted Redshank <sup>(11)</sup><br>( <i>Tringa erythropus</i> )               | Abundant                                    | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond  | Modified Watercourse   |
| Common Redshank <sup>(11)</sup><br>( <i>Tringa totanus</i> )                   | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond  | Modified Watercourse   |
| Marsh Sandpiper <sup>(11)</sup><br>( <i>Tringa stagnatilis</i> )               | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond  | Pond;<br>Modified Watercourse  |
| Common Greenshank <sup>(11)</sup><br>( <i>Tringa nebularia</i> )               | Abundant                                    | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond  | Pond;<br>Modified Watercourse  |
| Wood Sandpiper <sup>(11)</sup><br>( <i>Tringa glareola</i> )                   | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond  | Pond;<br>Modified Watercourse  |
| Red-necked Stint <sup>(11)</sup><br>( <i>Calidris ruficollis</i> )             | Abundant                                    | Cap. 170 <sup>(3)</sup> ;<br>Near Threatened <sup>(5)</sup> ;<br>LC <sup>(7)</sup> ;                                   | Pond  | -  |
| Temminck's Stint <sup>(11)</sup><br>( <i>Calidris temminckii</i> )             | Uncommon                                    | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond  | Modified Watercourse   |
| Oriental Pratincole <sup>(11)</sup><br>( <i>Glareola maldivarum</i> )          | Passage<br>migrant                          | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond  | -  |
| Black-headed Gull <sup>(11)</sup><br>( <i>Chroicocephalus<br/>ridibundus</i> ) | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>PRC <sup>(7)</sup>  | Pond  | Modified Watercourse   |
| Heuglin's Gull <sup>(10)</sup><br>( <i>Larus fuscus</i> )                      | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | -   | Modified Watercourse   |
| Greater Coucal<br>( <i>Centropus sinensis</i> )                                | Common                                      | Cap. 170 <sup>(3)</sup> ;<br>Class II <sup>(6)</sup> ;<br>Vulnerable <sup>(9)</sup>                                    | Pond;<br>Modified Watercourse;<br>Shrubland | Grassland;<br>Shrubland;<br>Orchard;<br>Mangrove;<br>Reedbed;<br>Pond;<br>Modified Watercourse |
| Asian Barred Owlet<br>( <i>Glaucidium cuculoides</i> )                         | Uncommon                                    | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Class II <sup>(8)</sup>                                      | Shrubland                                   | -  |

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|--|---|--|---------------------------------|--|
|  |   |  | Previous Studies <sup>(2)</sup> | Recent Survey                                    |
| Common Emerald Dove<br>( <i>Chalcophaps indica</i> )                   | Scarce  | Cap. 170 <sup>(3)</sup> ;<br>Vulnerable <sup>(9)</sup>   | -                               | Shrubland  |
| Common Kestrel<br>( <i>Falco tinnunculus</i> )                         | Common  | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Class II <sup>(8)</sup>  | Pond;<br>Shrubland              | -  |
| Eurasian Hobby<br>( <i>Falco Subbuteo</i> )                            | Uncommon  | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>(LC) <sup>(7)</sup> ;<br>Class II <sup>(8)</sup>   | Pond                            | -  |
| Peregrine Falcon <sup>(11)</sup><br>( <i>Falco peregrinus</i> )        | Scarce  | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>(LC) <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Rare <sup>(9)</sup> ;<br>Near Threatened <sup>(10)</sup> | Pond                            | -  |
| Japanese Paradise-<br>Flycatcher<br>( <i>Terpsiphone atrocaudata</i> ) | Scarce  | LC <sup>(7)</sup> ;<br>Near<br>Threatened <sup>(5)(10)</sup>   | Shrubland                       | -  |
| Collared Crow <sup>(11)</sup><br>( <i>Corvus torquatus</i> )           | Uncommon  | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup> ;<br>Near<br>Threatened <sup>(5)(9)</sup>   | Pond;<br>Shrubland              | Developed Area;<br>Pond;<br>Modified Watercourse |
| Collared Scops Owl<br>( <i>Otus lettia</i> )                           | Common  | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Class II <sup>(8)</sup>  | -                               | Plantation;<br>Orchard                           |
| Chinese Penduline-Tit<br>( <i>Remiz consobrinus</i> )                  | Common  | Cap. 170 <sup>(3)</sup> ;<br>RC <sup>(7)</sup>   | Pond                            | Reedbed  |
| Oriental Skylark<br>( <i>Alauda gulgula</i> )                          | Scarce  | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond                            | -  |
| Zitting Cisticola<br>( <i>Cisticola juncidis</i> )                     | Common  | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond                            | Pond   |
| Chinese Hwamei<br>( <i>Garrulax canorus</i> )                          | Common  | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Near Threatened <sup>(9)</sup>   | Shrubland                       | -  |
| Red-billed Starling <sup>(11)</sup><br>( <i>Spodiopsar sericeus</i> )  | Common  | Cap. 170 <sup>(3)</sup> ;<br>GC <sup>(7)</sup>   | Pond;<br>Shrubland              | Plantation;<br>Pond;<br>Modified Watercourse     |
| White-cheeked Starling<br>( <i>Spodiopsar cineraceus</i> )             | Common  | Cap. 170 <sup>(3)</sup> ;<br>PRC <sup>(7)</sup>  | Pond                            | Pond   |
| Bluethroat<br>( <i>Luscinia svecica</i> )                              | Common  | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond                            | -  |
| Red-throated Pipit<br>( <i>Anthus cervinus</i> )                       | Common  | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond                            | -  |
| Chinese Grosbeak<br>( <i>Eophona migratoria</i> )                      | Uncommon  | Cap. 170 <sup>(3)</sup> ;<br>LC <sup>(7)</sup>   | Pond;<br>Shrubland              | -  |
| Yellow-breasted Bunting<br>( <i>Emberiza aureola</i> )                 | Common  | Cap. 170 <sup>(3)</sup> ;<br>Endangered <sup>(5)(10)</sup><br>RC <sup>(7)</sup>  | Pond                            | -  |
| <b>Butterfly</b>   |   |  |                                 |  |
| Dark Palm Dart<br>( <i>Telicota ohara</i> )                            | Rare  | -  | Shrubland                       | -  |
| Grass Demon<br>( <i>Udaspes folus</i> )                                | Rare  | -  | Shrubland                       | -  |
| Common Awl<br>( <i>Hasora badra</i> )                                  | Very Rare;<br>Species of<br>Conservation<br>Concern | LC <sup>(7)</sup>  | -                               | Shrubland  |

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|--|--|---|---------------------------------|----------------------------------|
|  |  |   | Previous Studies <sup>(2)</sup> | Recent Survey                    |
| Forget-me-not<br>( <i>Catochrysops strabo</i> )        | Very Rare;<br>Species of<br>Conservation<br>Concern  | -   | -                               | Grassland,<br>Orchard            |
| Plain Hedge Blue<br>( <i>Celastrina lavendularis</i> ) | Very Rare;<br>Species of<br>Conservation<br>Concern  | LC <sup>(7)</sup>   | -                               | Shrubland                        |
| Metallic Cerulean<br>( <i>Jamides alecto</i> )         | Very Rare  | -   | -                               | Shrubland;<br>Grassland          |
| Cornelian<br>( <i>Deudorix epijarbas</i> )             | Rare   | -   | -                               | Grassland                        |
| Courtesan<br>( <i>Euripus nyctelius</i> )              | Very Rare  | -   | -                               | Shrubland                        |
| Swallowtail<br>( <i>Papilio xuthus</i> )               | Rare   | -   | -                               | Shrubland;<br>Grassland          |
| Small Cabbage White<br>( <i>Pieris rapae</i> )         | Rare   | -   | N/A                             | Pond                             |
| Spotless Grass Yellow<br>( <i>Eurema laeta</i> )       | Very Rare  | -   | Shrubland                       | -                                |
| <b>Odonate</b>   |  |   |                                 |                                  |
| Four-spot Midget<br>( <i>Mortonagrion Hirosei</i> ),   | Common   | GC <sup>(7)</sup> ;<br>Near Threatened <sup>(5)</sup>   | -                               | -                                |
| Coastal Glider<br>( <i>Macrodiplex cora</i> )          | Common   | LC <sup>(7)</sup>   | -                               | Pond;<br>Grassland               |
| Emerald Dwarf<br>( <i>Nannophyopsis clara</i> )        | Common   | LC <sup>(7)</sup>   | -                               | Shrubland                        |
| Ruby Darter<br>( <i>Rhodothemis rufa</i> )             | Common   | LC <sup>(2)</sup>   | -                               | Pond;<br>Shrubland               |
| Scarlet Basker<br>( <i>Urothemis signata</i> )         | Common   | LC <sup>(7)</sup>   | -                               | Pond;<br>Grassland,<br>Shrubland |
| <b>Reptile</b>   |  |   |                                 |                                  |
| Mangrove Water Snake<br>( <i>Enhydryis bennettii</i> ) | Recorded in<br>the muddy<br>coastal areas<br>in Deep Bay                                   | LC <sup>(7)</sup>   | Pond                            | -                                |
| Chinese Water Snake<br>( <i>Enhydryis chinensis</i> )  | Distributed in<br>freshwater or<br>brackish<br>wetlands in<br>central and<br>northern N.T. | Vulnerable <sup>(10)</sup>  | N/A                             | -                                |
| Indo-Chinese Rat Snake<br>( <i>Ptyas korros</i> )      | Widely<br>distributed  | PRC <sup>(7)</sup> ;<br>Endangered <sup>(9)</sup> ;<br>Vulnerable <sup>(10)</sup>                               | Shrubland                       | Orchard;<br>Shrubland            |
| Common Rat Snake<br>( <i>Ptyas mucosus</i> )           | Widely<br>distributed  | PRC <sup>(7)</sup> ;<br>Endangered <sup>(9)</sup> / <sup>(10)</sup>   | N/A                             | Reedbed, Grassland               |
| Chinese Cobra<br>( <i>Naja atra</i> )                  | Widely<br>distributed  | Cap. 586 <sup>(3)</sup> ;<br>Vulnerable <sup>(5)</sup> / <sup>(9)</sup> / <sup>(10)</sup><br>PRC <sup>(7)</sup> | N/A                             | Orchard                          |
| Four-clawed Gecko<br>( <i>Gehyra mutilata</i> )        | Widely but<br>thinly<br>distributed<br>throughout HK                                       | Vulnerable <sup>(9)</sup>   | -                               | Developed Area                   |

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|--|---|--|---------------------------------|---|
|  |   |  | Previous Studies <sup>(2)</sup> | Recent Survey   |
| <b>Amphibian</b>   |   |  |                                 |   |
| Spotted Narrow-mouthed<br>Frog<br>( <i>Kalophrynus interlineatus</i> ) | Widely<br>distributed<br>from low to<br>moderate<br>altitudes in<br>northern and<br>central N.T.. | Near Threatened <sup>(10)</sup>  | -                               | Grassland;<br>Plantation  |
| Chinese Bullfrog<br>( <i>Hoplobatrachus rugulosus</i> )                | Widely<br>distributed in<br>Lantau Island<br>and N.T..  | PGC <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Endangered <sup>(10)</sup>  | -                               | Pond  |
| <b>Mammal</b>  |   |  |                                 |   |
| Japanese Pipistrelle<br>( <i>Pipistrellus abramus</i> )                | Very Common   | Cap. 170 <sup>(3)</sup>  | Pond                            | -   |
| Eurasian Otter<br>( <i>Lutra lutra</i> )                               | Rare;<br>Species of<br>conservation<br>concern  | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Near Threatened <sup>(5)</sup> ;<br>RC <sup>(7)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Endangered <sup>(10)</sup> | N/A                             | -   |
| Small Indian Civet<br>( <i>Viverricula indica</i> )                    | Very Common   | Cap. 170 <sup>(3)</sup> ;<br>Class II <sup>(8)</sup> ;<br>Vulnerable <sup>(10)</sup>   | Pond                            | -   |
| Small Asian Mongoose<br>( <i>Herpestes javanicus<br/>rubrifrons</i> )  | Uncommon  | Cap. 170 <sup>(3)</sup> ;<br>Vulnerable <sup>(10)</sup>  | Pond                            | Pond;<br>Modified Watercourse   |
| Leopard Cat<br>( <i>Prionailurus bengalensis</i> )                     | Uncommon  | Cap. 170 <sup>(3)</sup> ;<br>Cap. 586 <sup>(3)</sup> ;<br>Vulnerable <sup>(9)</sup> / <sup>(10)</sup>  | N/A                             | -   |
| Chinese Noctule<br>( <i>Nyctalus plancyi</i> )                         | Common  | Cap. 170 <sup>(3)</sup> ;<br>PRC <sup>(7)</sup>  | -                               | Roadside vegetation<br>along main drainage<br>channel   |
| Unknown Bat Species 1  | -   | Cap. 170 <sup>(3)</sup>  | -                               | Developed area on<br>fringes of & within<br>Project Site  |
| Unknown Bat Species 2  | -   | Cap. 170 <sup>(3)</sup>  | -                               | Roadside vegetation<br>along main drainage<br>channel   |
| Unknown Bat Species 3  | -   | Cap. 170 <sup>(3)</sup>  | -                               | Roadside vegetation<br>along main drainage<br>channel & fish ponds;<br>Developed area on<br>fringes of & within<br>Project Site |
| Unknown Bat Species 4  | -   | Cap. 170 <sup>(3)</sup>  | -                               | Roadside vegetation<br>along main drainage<br>channel   |

**Notes:**

- (1) Flora: Corlett *et al.* 2000; Fauna: AFCD (2017).
- (2) DSD (2002); DSD (2004); MLI Ltd (2008); AFCD (2016).
- (3) Protected under Wild Animals Protection Ordinance (Cap. 170).  
Protection of Endangered Species of Animals & Plants Ordinance (Cap. 586).
- (4) List of Wild Plants under State Protection (promulgated by State Forestry Administration & Ministry of Agriculture on 4 August, 1999).
- (5) IUCN (2017).
- (6) Fu & Chin (1992).

**Appendix 8.6 Species of Conservation Importance Recorded within the Assessment Area during Recent Surveys and Previous Study**

- (7) Fellowes *et al.* (2002): GC=Global Concern; LC=Local Concern; RC=Regional Concern; PRC=Potential Regional Concern; PGC: Potential Global Concern. \* *Letters in parentheses indicate that the assessment is on the basis of restrictedness in nesting &/or roosting sites rather than in general occurrence.*
- (8) List of Wild Animals under State Protection (promulgated by State Forestry Administration & Ministry of Agriculture on 14 January, 1989).
- (9) Zheng, G.M. & Wang, Q.S. (1998).
- (10) Jiang *et al.* (2016).
- (11) Wetland-dependent species (including wetland-dependent species & waterbirds).