

# I. Summary of Bird Surveys conducted

**Table I1: Summary of bird species of conservation importance and/or wetland-dependence recorded in the Survey Area (excluding the WRA)**

| Species Name <sup>(1)</sup> | Scientific Name <sup>(1)</sup>  | Wetland Dependence | Conservation Status <sup>(2)</sup> | May 2022 Occurrence <sup>(3)</sup> | May 2022 Mean <sup>(4)</sup> | Records outside surveys <sup>(5)</sup> |
|-----------------------------|---------------------------------|--------------------|------------------------------------|------------------------------------|------------------------------|----------------------------------------|
| Little Grebe                | <i>Tachybaptus ruficollis</i>   | Y                  | LC                                 | 4                                  | 12.5                         | 0                                      |
| Grey Heron                  | <i>Ardea cinerea</i>            | Y                  | PRC                                | 1                                  | 0.3                          | 0                                      |
| Great Egret                 | <i>Ardea alba</i>               | Y                  | PRC, (RC)                          | 4                                  | 9.8                          | 0                                      |
| Intermediate Egret          | <i>Egretta intermedia</i>       | Y                  | RC                                 | 1                                  | 0.3                          | 0                                      |
| Little Egret                | <i>Egretta garzetta</i>         | Y                  | PRC, (RC)                          | 4                                  | 23.3                         | 0                                      |
| Chinese Pond Heron          | <i>Ardeola bacchus</i>          | Y                  | PRC, (RC)                          | 4                                  | 13.0                         | 0                                      |
| Yellow Bittern              | <i>Ixobrychus sinensis</i>      | Y                  | (LC)                               | 1                                  | 0.3                          | 0                                      |
| Black-crowned Night Heron   | <i>Nycticorax nycticorax</i>    | Y                  | (LC)                               | 3                                  | 4.0                          | 0                                      |
| Black Kite#                 | <i>Milvus migrans</i>           | Y                  | Class II, (RC)                     | 2                                  | 0.8                          | 0                                      |
| White-breasted Waterhen     | <i>Amaurornis phoenicurus</i>   | Y                  | -                                  | 4                                  | 4.8                          | 0                                      |
| Black-winged Stilt          | <i>Himantopus himantopus</i>    | Y                  | RC                                 | 3                                  | 3.0                          | 0                                      |
| Little Ringed Plover        | <i>Charadrius dubius</i>        | Y                  | (LC)                               | 1                                  | 0.5                          | 0                                      |
| Common Greenshank           | <i>Tringa nebularia</i>         | Y                  | RC                                 | 1                                  | 0.5                          | 0                                      |
| Common Sandpiper            | <i>Actitis hypoleucos</i>       | Y                  | -                                  | 2                                  | 0.5                          | 0                                      |
| Whiskered Tern              | <i>Chlidonias hybrida</i>       | Y                  | -                                  | 2                                  | 4.8                          | 0                                      |
| White-winged Tern           | <i>Chlidonias leucopterus</i>   | Y                  | -                                  | 1                                  | 6.5                          | 0                                      |
| Pacific Swift               | <i>Apus pacificus</i>           | N                  | (LC)                               | 1                                  | 0.5                          | 0                                      |
| Pied Kingfisher             | <i>Ceryle rudis</i>             | Y                  | (LC)                               | 2                                  | 0.5                          | 0                                      |
| Common Kingfisher           | <i>Alcedo atthis</i>            | Y                  | -                                  | 2                                  | 1.0                          | 0                                      |
| Eastern Yellow Wagtail      | <i>Motacilla tschutschensis</i> | Y                  | -                                  | 1                                  | 0.3                          | 0                                      |
| White Wagtail               | <i>Motacilla alba</i>           | Y                  | -                                  | 3                                  | 5.5                          | 0                                      |
| White-shouldered Starling   | <i>Sturnia sinensis</i>         | Y                  | (LC)                               | 4                                  | 6.0                          | 0                                      |
| Collared Crow               | <i>Corvus torquatus</i>         | Y                  | LC, NT                             | 1                                  | 0.5                          | 0                                      |
| No. of species recorded:    |                                 |                    |                                    | 23                                 |                              |                                        |

Note:

(1) Follows HK bird list (dated 2020-03).

(2) Conservation status follows that of Fellowes *et al.* (2002) and BirdLife International listing (2017). Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes *et al.* 2002)

(3) Indicates number of surveys recorded within the reporting period.

(4) Refers to the mean number of individuals recorded in the reporting period (excluding the WRA).

(5) Includes observations during other surveys and/or site visits.

(6) Four regular surveys and four outside surveys were conducted

# Birds tagged with '#' are Category II protected under terrestrial wildlife state protection

## Birds tagged with '##' are Category I protected under terrestrial wildlife state protection

V Indicates the species is recorded outside regular surveys

**Table I2: Summary of bird species of conservation importance and/or wetland-dependence recorded in the WRA**

| Species Name <sup>(1)</sup>     | Scientific Name <sup>(1)</sup>  | Wetland Dependence | Conservation Status <sup>(2)</sup> | May 2022 Occurrence <sup>(3)</sup> | May 2022 Mean <sup>(4)</sup> | Records outside surveys <sup>(5)</sup> |
|---------------------------------|---------------------------------|--------------------|------------------------------------|------------------------------------|------------------------------|----------------------------------------|
| Little Grebe                    | <i>Tachybaptus ruficollis</i>   | Y                  | LC                                 | -                                  | -                            | V                                      |
| Grey Heron                      | <i>Ardea cinerea</i>            | Y                  | PRC                                | 1                                  | 0.3                          | 0                                      |
| Great Egret                     | <i>Ardea alba</i>               | Y                  | PRC, (RC)                          | 2                                  | 0.8                          | 0                                      |
| Intermediate Egret              | <i>Egretta intermedia</i>       | Y                  | RC                                 | 1                                  | 0.3                          | 0                                      |
| Little Egret                    | <i>Egretta garzetta</i>         | Y                  | PRC, (RC)                          | 4                                  | 4.5                          | 0                                      |
| Chinese Pond Heron              | <i>Ardeola bacchus</i>          | Y                  | PRC, (RC)                          | 4                                  | 3.0                          | 0                                      |
| Black-crowned Night Heron       | <i>Nycticorax nycticorax</i>    | Y                  | (LC)                               | 4                                  | 1.8                          | 0                                      |
| Black Kite#                     | <i>Milvus migrans</i>           | Y                  | Class II, (RC)                     | 1                                  | 0.3                          | 0                                      |
| White-breasted Waterhen         | <i>Amaurornis phoenicurus</i>   | Y                  | -                                  | 3                                  | 2.3                          | 0                                      |
| Common Moorhen                  | <i>Gallinula chloropus</i>      | Y                  | -                                  | 1                                  | 0.3                          | 0                                      |
| Black-winged Stilt              | <i>Himantopus himantopus</i>    | Y                  | RC                                 | -                                  | -                            | V                                      |
| Common Sandpiper                | <i>Actitis hypoleucos</i>       | Y                  | -                                  | 1                                  | 0.3                          | 0                                      |
| White-winged Tern               | <i>Chlidonias leucopterus</i>   | Y                  | -                                  | 1                                  | 0.3                          | 0                                      |
| Pied Kingfisher                 | <i>Ceryle rudis</i>             | Y                  | (LC)                               | 1                                  | 0.3                          | V                                      |
| White-throated Kingfisher#      | <i>Halcyon smyrnensis</i>       | Y                  | Class II, (LC)                     | 1                                  | 0.3                          | 0                                      |
| Common Kingfisher               | <i>Alcedo atthis</i>            | Y                  | -                                  | 1                                  | 0.3                          | 0                                      |
| Eastern Yellow Wagtail          | <i>Motacilla tschutschensis</i> | Y                  | -                                  | 1                                  | 0.8                          | 0                                      |
| White Wagtail                   | <i>Motacilla alba</i>           | Y                  | -                                  | 2                                  | 1.3                          | 0                                      |
| <b>No. of species recorded:</b> |                                 |                    |                                    | <b>18</b>                          |                              |                                        |

Note:

(1) Follows HK bird list (dated 2020-03).

(2) Conservation status follows that of Fellowes *et al.* (2002) and BirdLife International listing (2017). Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes *et al.* 2002)

(3) Indicates number of surveys recorded within the reporting period.

(4) Refers to the mean number of individuals recorded in the reporting period in the WRA.

(5) Includes observations during other surveys and/or site visits.

(6) Four regular surveys and 15 outside surveys were conducted

# Birds tagged with '#' are Category II protected under terrestrial wildlife state protection

## Birds tagged with '##' are Category I protected under terrestrial wildlife state protection

V Indicates the species is recorded outside regular surveys

**Table I3: Summary of bird species recorded in the Survey Area (excluding the WRA) during the reporting month**

| Species Name <sup>(1)</sup> | Scientific Name <sup>(1)</sup>   | Wetland Dependence | Conservation Status <sup>(2)</sup> |
|-----------------------------|----------------------------------|--------------------|------------------------------------|
| Little Grebe                | <i>Tachybaptus ruficollis</i>    | Y                  | LC                                 |
| Grey Heron                  | <i>Ardea cinerea</i>             | Y                  | PRC                                |
| Great Egret                 | <i>Ardea alba</i>                | Y                  | PRC, (RC)                          |
| Intermediate Egret          | <i>Egretta intermedia</i>        | Y                  | RC                                 |
| Little Egret                | <i>Egretta garzetta</i>          | Y                  | PRC, (RC)                          |
| Chinese Pond Heron          | <i>Ardeola bacchus</i>           | Y                  | PRC, (RC)                          |
| Yellow Bittern              | <i>Ixobrychus sinensis</i>       | Y                  | (LC)                               |
| Black-crowned Night Heron   | <i>Nycticorax nycticorax</i>     | Y                  | (LC)                               |
| Black Kite#                 | <i>Milvus migrans</i>            | Y                  | Class II, (RC)                     |
| White-breasted Waterhen     | <i>Amaurornis phoenicurus</i>    | Y                  | -                                  |
| Black-winged Stilt          | <i>Himantopus himantopus</i>     | Y                  | RC                                 |
| Little Ringed Plover        | <i>Charadrius dubius</i>         | Y                  | (LC)                               |
| Common Greenshank           | <i>Tringa nebularia</i>          | Y                  | RC                                 |
| Common Sandpiper            | <i>Actitis hypoleucos</i>        | Y                  | -                                  |
| Whiskered Tern              | <i>Chlidonias hybrida</i>        | Y                  | -                                  |
| White-winged Tern           | <i>Chlidonias leucopterus</i>    | Y                  | -                                  |
| Spotted Dove                | <i>Spilopelia chinensis</i>      | N                  | -                                  |
| Eurasian Collared Dove      | <i>Streptopelia decaocto</i>     | N                  | -                                  |
| Asian Koel                  | <i>Eudynamys scolopaceus</i>     | N                  | -                                  |
| Greater Coucal#             | <i>Centropus sinensis</i>        | N                  | Class II                           |
| Pacific Swift               | <i>Apus pacificus</i>            | N                  | (LC)                               |
| Pied Kingfisher             | <i>Ceryle rudis</i>              | Y                  | (LC)                               |
| Common Kingfisher           | <i>Alcedo atthis</i>             | Y                  | -                                  |
| Barn Swallow                | <i>Hirundo rustica</i>           | N                  | -                                  |
| Eastern Yellow Wagtail      | <i>Motacilla tschutschensis</i>  | Y                  | -                                  |
| White Wagtail               | <i>Motacilla alba</i>            | Y                  | -                                  |
| Red-whiskered Bulbul        | <i>Pycnonotus jocosus</i>        | N                  | -                                  |
| Light-vented Bulbul         | <i>Pycnonotus sinensis</i>       | N                  | -                                  |
| Long-tailed Shrike          | <i>Lanius schach</i>             | N                  | -                                  |
| Oriental Magpie Robin       | <i>Copsychus saularis</i>        | N                  | -                                  |
| Masked Laughingthrush       | <i>Garrulax perspicillatus</i>   | N                  | -                                  |
| Common Tailorbird           | <i>Orthotomus sutorius</i>       | N                  | -                                  |
| Yellow-bellied Prinia       | <i>Prinia flaviventris</i>       | N                  | -                                  |
| Plain Prinia                | <i>Prinia inornata</i>           | N                  | -                                  |
| Swinhoe's White-eye         | <i>Zosterops simplex</i>         | N                  | -                                  |
| Scaly-breasted Munia        | <i>Lonchura punctulata</i>       | N                  | -                                  |
| Eurasian Tree Sparrow       | <i>Passer montanus</i>           | N                  | -                                  |
| Black-collared Starling     | <i>Gracupica nigricollis</i>     | N                  | -                                  |
| White-shouldered Starling   | <i>Sturnia sinensis</i>          | Y                  | (LC)                               |
| Common Myna                 | <i>Acridotheres tristis</i>      | N                  | -                                  |
| Crested Myna                | <i>Acridotheres cristatellus</i> | N                  | -                                  |
| Azure-winged Magpie         | <i>Cyanopica cyanus</i>          | N                  | -                                  |
| Large-billed Crow           | <i>Corvus macrorhynchos</i>      | N                  | -                                  |

| Species Name <sup>(1)</sup> | Scientific Name <sup>(1)</sup> | Wetland Dependence | Conservation Status <sup>(2)</sup> |
|-----------------------------|--------------------------------|--------------------|------------------------------------|
| Collared Crow               | <i>Corvus torquatus</i>        | Y                  | LC, NT                             |
| No. of species recorded:    |                                | 44                 |                                    |

Note:

(1) Follows HK bird list (dated 2020-03)

(2) Conservation status follows that of Fellowes *et al.* (2002) and BirdLife International listing (2017). Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes *et al.* 2002)

(3) Four regular surveys and four outside surveys were conducted

# Greater Coucal is listed as vulnerable (VU) in China Red Data Book and it is protected under terrestrial wildlife state protection (category II)

Other birds tagged with '#' are Category II protected under terrestrial wildlife state protection

## Birds tagged with '##' are Category I protected under terrestrial wildlife state protection

**Table I4: Summary of bird species recorded in the WRA during the reporting month**

| Species Name <sup>(1)</sup> | Scientific Name <sup>(1)</sup>  | Wetland Dependence | Conservation Status <sup>(2)</sup> |
|-----------------------------|---------------------------------|--------------------|------------------------------------|
| Little Grebe                | <i>Tachybaptus ruficollis</i>   | Y                  | LC                                 |
| Grey Heron                  | <i>Ardea cinerea</i>            | Y                  | PRC                                |
| Great Egret                 | <i>Ardea alba</i>               | Y                  | PRC, (RC)                          |
| Intermediate Egret          | <i>Egretta intermedia</i>       | Y                  | RC                                 |
| Little Egret                | <i>Egretta garzetta</i>         | Y                  | PRC, (RC)                          |
| Chinese Pond Heron          | <i>Ardeola bacchus</i>          | Y                  | PRC, (RC)                          |
| Black-crowned Night Heron   | <i>Nycticorax nycticorax</i>    | Y                  | (LC)                               |
| Besra#                      | <i>Accipiter virgatus</i>       | N                  | Class II                           |
| Black Kite#                 | <i>Milvus migrans</i>           | Y                  | Class II, (RC)                     |
| White-breasted Waterhen     | <i>Amaurornis phoenicurus</i>   | Y                  | -                                  |
| Common Moorhen              | <i>Gallinula chloropus</i>      | Y                  | -                                  |
| Black-winged Stilt          | <i>Himantopus himantopus</i>    | Y                  | RC                                 |
| Common Sandpiper            | <i>Actitis hypoleucos</i>       | Y                  | -                                  |
| White-winged Tern           | <i>Chlidonias leucopterus</i>   | Y                  | -                                  |
| Spotted Dove                | <i>Spilopelia chinensis</i>     | N                  | -                                  |
| Eurasian Collared Dove      | <i>Streptopelia decaocto</i>    | N                  | -                                  |
| Asian Koel                  | <i>Eudynamis scolopaceus</i>    | N                  | -                                  |
| Greater Coucal#             | <i>Centropus sinensis</i>       | N                  | Class II                           |
| Plaintive Cuckoo            | <i>Cacomantis merulinus</i>     | N                  | -                                  |
| Savanna Nightjar            | <i>Caprimulgus affinis</i>      | N                  | -                                  |
| House Swift                 | <i>Apus nipalensis</i>          | N                  | -                                  |
| Pied Kingfisher             | <i>Ceryle rudis</i>             | Y                  | (LC)                               |
| White-throated Kingfisher#  | <i>Halcyon smyrnensis</i>       | Y                  | Class II, (LC)                     |
| Common Kingfisher           | <i>Alcedo atthis</i>            | Y                  | -                                  |
| Barn Swallow                | <i>Hirundo rustica</i>          | N                  | -                                  |
| Eastern Yellow Wagtail      | <i>Motacilla tschutschensis</i> | Y                  | -                                  |
| White Wagtail               | <i>Motacilla alba</i>           | Y                  | -                                  |
| Red-whiskered Bulbul        | <i>Pycnonotus jocosus</i>       | N                  | -                                  |
| Light-vented Bulbul         | <i>Pycnonotus sinensis</i>      | N                  | -                                  |
| Long-tailed Shrike          | <i>Lanius schach</i>            | N                  | -                                  |
| Oriental Magpie Robin       | <i>Copsychus saularis</i>       | N                  | -                                  |
| Chinese Blackbird           | <i>Turdus mandarinus</i>        | N                  | -                                  |
| Masked Laughingthrush       | <i>Garrulax perspicillatus</i>  | N                  | -                                  |
| Common Tailorbird           | <i>Orthotomus sutorius</i>      | N                  | -                                  |

| Species Name <sup>(1)</sup>     | Scientific Name <sup>(1)</sup>   | Wetland Dependence | Conservation Status <sup>(2)</sup> |
|---------------------------------|----------------------------------|--------------------|------------------------------------|
| Yellow-bellied Prinia           | <i>Prinia flaviventris</i>       | N                  | -                                  |
| Plain Prinia                    | <i>Prinia inornata</i>           | N                  | -                                  |
| Cinereous Tit                   | <i>Parus cinereus</i>            | N                  | -                                  |
| Swinhoe's White-eye             | <i>Zosterops simplex</i>         | N                  | -                                  |
| Scaly-breasted Munia            | <i>Lonchura punctulata</i>       | N                  | -                                  |
| Black-collared Starling         | <i>Gracupica nigricollis</i>     | N                  | -                                  |
| Common Myna                     | <i>Acridotheres tristis</i>      | N                  | -                                  |
| Crested Myna                    | <i>Acridotheres cristatellus</i> | N                  | -                                  |
| <b>No. of species recorded:</b> |                                  | <b>42</b>          |                                    |

Note:

(1) Follows HK bird list (dated 2020-03)

(2) Conservation status follows that of Fellowes *et al.* (2002) and BirdLife International listing (2017). Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes *et al.* 2002)

(3) Four regular surveys and 15 outside surveys were conducted

# Greater Coucal is listed as vulnerable (VU) in China Red Data Book and it is protected under terrestrial wildlife state protection (category II)

Other birds tagged with '#' are Category II protected under terrestrial wildlife state protection

## Birds tagged with '##' are Category I protected under terrestrial wildlife state protection