

# 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>(4)</sup>	Scientific Name <sup>(4)</sup>	Wetland Dependence	Conservation Status <sup>(1)</sup>	Feb 2021 Occurrence <sup>(2)</sup>	Feb 2021 Mean <sup>(3)</sup>	Records outside surveys <sup>(5)</sup>
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	4	20.5	0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	4	64.8	0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	4	19.8	0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	4	32.5	0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	4	52.5	0
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	2	4.0	0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	4	13.5	0
Black-faced Spoonbill <sup>#</sup>	<i>Platalea minor</i>	Y	Class I, PGC, EN	4	11.5	0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	4	3.3	0
Black-winged Kite <sup>#</sup>	<i>Elanus caeruleus</i>	Y	Class II, LC	1	0.3	0
Black Kite <sup>#</sup>	<i>Milvus migrans</i>	Y	Class II, (RC)	2	1.0	0
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	3	2.5	0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	1	0.5	0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	3	12.8	0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	1	0.3	0
Common Redshank	<i>Tringa totanus</i>	Y	RC	1	1.0	0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	2	0.8	0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	1	0.3	0
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	2	1.5	0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	4	3.8	0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	1	0.3	0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	2	0.8	0
White-throated Kingfisher <sup>#</sup>	<i>Halcyon smymensis</i>	Y	Class II, (LC)	1	0.3	0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	4	3.0	0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	4	5.0	0
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	1	0.3	0
White Wagtail	<i>Motacilla alba</i>	Y	-	4	15.3	0

Species Name <sup>(4)</sup>	Scientific Name <sup>(4)</sup>	Wetland Dependence	Conservation Status <sup>(1)</sup>	Feb 2021 Occurrence <sup>(2)</sup>	Feb 2021 Mean <sup>(3)</sup>	Records outside surveys <sup>(5)</sup>
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	2	0.5	0
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	1	1.8	0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	3	1.3	0
<b>No. of species recorded:</b>				<b>30</b>		

Note:

- (1) 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)
- (2) Indicates number of surveys recorded within the reporting period.
- (3) Refers to the mean number of individuals recorded in the reporting period (excluding the WRA).
- (4) Follows HK bird list (dated 2017-09-05).
- (5) Includes observations during other surveys and/or site visits.
- (6) Four regular surveys and no 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
- \* Red-billed Starling is considered by Fellowes *et al.* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)
- 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>(4)</sup>	Scientific Name <sup>(4)</sup>	Wetland Dependence	Conservation Status <sup>(1)</sup>	Feb 2021 Occurrence <sup>(2)</sup>	Feb 2021 Mean <sup>(3)</sup>	Records outside surveys <sup>(5)</sup>
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	1	0.3	0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	2	0.8	0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	3	1.5	0
Purple Heron	<i>Ardea purpurea</i>	Y	RC	1	0.3	0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	3	1.5	0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	3	1.3	0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	3	2.3	0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	1	0.3	0
Black Kite <sup>#</sup>	<i>Milvus migrans</i>	Y	Class II, (RC)	2	0.5	0
Crested Serpent Eagle <sup>#</sup>	<i>Spilornis cheela</i>	N	Class II, (LC)	-	-	V
Eastern Imperial Eagle <sup>##</sup>	<i>Aquila heliaca</i>	Y	Class I, GC	1	0.3	0
White-breasted Waterhen	<i>Amauromis phoenicurus</i>	Y	-	1	0.3	0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	4	2.0	0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	1	0.3	0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	1	0.8	0
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	2	1.3	0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	1	0.3	0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	2	1.3	0
White-throated Kingfisher <sup>#</sup>	<i>Halcyon smyrnenensis</i>	Y	Class II, (LC)	2	0.5	0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	2	0.8	0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	3	1.8	0
White Wagtail	<i>Motacilla alba</i>	Y	-	3	2.3	0
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	1	0.3	0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	1	0.3	0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	1	0.3	0
<b>No. of species recorded:</b>				<b>25</b>		

Note:

- (1) 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)
- (2) Indicates number of surveys recorded within the reporting period.
- (3) Refers to the mean number of individuals recorded in the reporting period in the WRA.
- (4) Follows HK bird list (dated 2017-09-05).

- (5) Includes observations during other surveys and/or site visits.
- (6) Four regular surveys and five 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
- \* Red-billed Starling is considered by Fellowes *et al.* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)
- 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>(2)</sup>	Scientific Name <sup>(2)</sup>	Wetland Dependence	Conservation Status <sup>(1)</sup>
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC
Grey Heron	<i>Ardea cinerea</i>	Y	PRC
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)
Black-faced Spoonbill <sup>##</sup>	<i>Platalea minor</i>	Y	Class I, PGC, EN
Tufted Duck	<i>Aythya fuligula</i>	Y	LC
Besra <sup>#</sup>	<i>Accipiter virgatus</i>	N	Class II
Black-winged Kite <sup>#</sup>	<i>Elanus caeruleus</i>	Y	Class II, LC
Black Kite <sup>#</sup>	<i>Milvus migrans</i>	Y	Class II, (RC)
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-
Common Moorhen	<i>Gallinula chloropus</i>	Y	-
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)
Common Redshank	<i>Tringa totanus</i>	Y	RC
Common Greenshank	<i>Tringa nebularia</i>	Y	RC
Green Sandpiper	<i>Tringa ochropus</i>	Y	-
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-
Common Snipe	<i>Gallinago gallinago</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 <sup>#</sup>	<i>Centropus sinensis</i>	N	Class II
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	N	-
House Swift	<i>Apus nipalensis</i>	N	-
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)
White-throated Kingfisher <sup>#</sup>	<i>Halcyon smymensis</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	-
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-
White Wagtail	<i>Motacilla alba</i>	Y	-
Richard's Pipit	<i>Anthus richardi</i>	N	-
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-
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	-
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-
Manchurian Bush Warbler	<i>Horornis canturians</i>	N	-

Species Name <sup>(2)</sup>	Scientific Name <sup>(2)</sup>	Wetland Dependence	Conservation Status <sup>(1)</sup>
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC
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	-
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-
Common Myna	<i>Acridotheres tristis</i>	N	-
Crested Myna	<i>Acridotheres cristatellus</i>	N	-
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT
<b>No. of species recorded:</b>		<b>62</b>	

Note:

- (1) 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)
- (2) Follows HK bird list (dated 2017-09-05)
- (3) Four regular surveys and no 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
- \* Red-billed Starling is considered by Fellowes *et al.* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)

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

Species Name <sup>(2)</sup>	Scientific Name <sup>(2)</sup>	Wetland Dependence	Conservation Status <sup>(1)</sup>
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC
Grey Heron	<i>Ardea cinerea</i>	Y	PRC
Purple Heron	<i>Ardea purpurea</i>	Y	RC
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)
Eurasian Teal	<i>Anas crecca</i>	Y	RC
Black Kite <sup>#</sup>	<i>Milvus migrans</i>	Y	Class II, (RC)
Crested Serpent Eagle <sup>#</sup>	<i>Spilornis cheela</i>	N	Class II, (LC)
Eastern Imperial Eagle <sup>#</sup>	<i>Aquila heliaca</i>	Y	Class I, GC
White-breasted Waterhen	<i>Amauromis phoenicurus</i>	Y	-
Common Moorhen	<i>Gallinula chloropus</i>	Y	-
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)
Green Sandpiper	<i>Tringa ochropus</i>	Y	-
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC
Common Snipe	<i>Gallinago gallinago</i>	Y	-
Spotted Dove	<i>Spilopelia chinensis</i>	N	-
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-
Greater Coucal <sup>#</sup>	<i>Centropus sinensis</i>	N	Class II
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	N	-
Asian Barred Owlet <sup>#</sup>	<i>Glaucidium cuculoides</i>	N	Class II
House Swift	<i>Apus nipalensis</i>	N	-
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)
White-throated Kingfisher <sup>#</sup>	<i>Halcyon smymensis</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	-
Richard's Pipit	<i>Anthus richardi</i>	N	-
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-
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	-
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-
Plain Prinia	<i>Prinia inornata</i>	N	-
Cinereous Tit	<i>Parus cinereus</i>	N	-

Species Name <sup>(2)</sup>	Scientific Name <sup>(2)</sup>	Wetland Dependence	Conservation Status <sup>(1)</sup>
Swinhoe's White-eye	<i>Zosterops simplex</i>	N	-
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-
Crested Myna	<i>Acridotheres cristatellus</i>	N	-
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT
<b>No. of species recorded:</b>		<b>51</b>	

Note:

- (1) 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)
- (2) Follows HK bird list (dated 2017-09-05)
- (3) Four regular surveys and five 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
- \* Red-billed Starling is considered by Fellowes *et al.* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)