

# 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>	Dec 2022 Occurrence <sup>(3)</sup>	Dec 2022 Mean <sup>(4)</sup>	Records outside surveys <sup>(5)</sup>
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	5	20.0	0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	4	48.4	0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	5	10.0	0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	5	15.0	0
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	1	0.2	0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	5	16.2	0
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	5	5.8	0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	5	13.4	0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	2	0.8	0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	1	0.6	0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	1	0.4	0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	5	14.8	0
Black-winged Kite#	<i>Elanus caeruleus</i>	Y	Class II, LC	1	0.2	0
Black Kite#	<i>Milvus migrans</i>	Y	Class II, (RC)	5	2.6	0
Eastern Buzzard#	<i>Buteo japonicus</i>	Y	Class II	3	0.6	0
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	3	1.6	0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	1	0.6	0
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	1	2.2	0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	1	0.2	0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	1	0.4	0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	2	1.0	0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	2	0.8	0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	4	2.0	0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	2	1.0	0

Species Name <sup>(1)</sup>	Scientific Name <sup>(1)</sup>	Wetland Dependence	Conservation Status <sup>(2)</sup>	Dec 2022 Occurrence <sup>(3)</sup>	Dec 2022 Mean <sup>(4)</sup>	Records outside surveys <sup>(5)</sup>
White-throated Kingfisher#	<i>Halcyon smyrnensis</i>	Y	Class II, (LC)	1	0.4	0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	4	2.0	0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	5	4.8	0
White Wagtail	<i>Motacilla alba</i>	Y	-	5	11.4	0
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	2	2.6	0
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	1	0.4	0
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	1	0.6	0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	3	1.4	0
<b>No. of species recorded:</b>				<b>32</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 (excluding the WRA).
- (5) Includes observations during other surveys and/or site visits.
- (6) Five regular 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>	Dec 2022 Occurrence <sup>(3)</sup>	Dec 2022 Mean <sup>(4)</sup>	Records outside surveys <sup>(5)</sup>
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	3	0.6	0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	2	1.0	0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	4	1.8	0
Purple Heron	<i>Ardea purpurea</i>	Y	RC	3	0.8	V
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	4	2.0	0
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	2	0.4	0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	4	1.0	0
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	1	0.2	0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	4	2.8	0
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	2	0.4	0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	3	1.0	0
Garganey	<i>Anas querquedula</i>	Y	-	1	0.4	0
Black Kite#	<i>Milvus migrans</i>	Y	Class II, (RC)	3	1.0	0
Greater Spotted Eagle#	<i>Clanga clanga</i>	Y	Class II, GC	1	0.2	0
Eastern Buzzard#	<i>Buteo japonicus</i>	Y	Class II	-	-	V
Peregrine Falcon#	<i>Falco peregrinus</i>	N	Class II, (LC)	-	-	V
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	3	0.8	0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	2	1.2	0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	1	0.2	0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	1	0.2	0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	2	0.8	0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	-	-	V
White-throated Kingfisher#	<i>Halcyon smyrnensis</i>	Y	Class II, (LC)	1	0.2	0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	5	1.6	0

Species Name <sup>(1)</sup>	Scientific Name <sup>(1)</sup>	Wetland Dependence	Conservation Status <sup>(2)</sup>	Dec 2022 Occurrence <sup>(3)</sup>	Dec 2022 Mean <sup>(4)</sup>	Records outside surveys <sup>(5)</sup>
Sand Martin	<i>Riparia riparia</i>	Y	-	1	0.2	0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	3	1.0	0
White Wagtail	<i>Motacilla alba</i>	Y	-	5	2.4	0
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	2	1.4	0
Chinese Grosbeak	<i>Eophona migratoria</i>	Y	LC	1	0.2	0
<b>No. of species recorded:</b>				<b>29</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) Five regular surveys and nine 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
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)
Intermediate Egret	<i>Egretta intermedia</i>	Y	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-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN
Eurasian Teal	<i>Anas crecca</i>	Y	RC
Tufted Duck	<i>Aythya fuligula</i>	Y	LC
Black-winged Kite#	<i>Elanus caeruleus</i>	Y	Class II, LC
Black Kite#	<i>Milvus migrans</i>	Y	Class II, (RC)
Eastern Buzzard#	<i>Buteo japonicus</i>	Y	Class II
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-
Common Moorhen	<i>Gallinula chloropus</i>	Y	-
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC
Common Greenshank	<i>Tringa nebularia</i>	Y	RC
Green Sandpiper	<i>Tringa ochropus</i>	Y	-
Common Sandpiper	<i>Actitis hypoleucos</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
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	-
Red-rumped Swallow	<i>Hirundo daurica</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	-

Species Name <sup>(1)</sup>	Scientific Name <sup>(1)</sup>	Wetland Dependence	Conservation Status <sup>(2)</sup>
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 auroreus</i>	N	-
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-
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	-
Little Bunting	<i>Emberiza pusilla</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)*
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC
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	-
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT
<b>No. of species recorded:</b>		<b>62</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) Five regular 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
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)
Intermediate Egret	<i>Egretta intermedia</i>	Y	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)
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)
Garganey	<i>Anas querquedula</i>	Y	-
Black Kite#	<i>Milvus migrans</i>	Y	Class II, (RC)
Greater Spotted Eagle#	<i>Clanga clanga</i>	Y	Class II, GC
Eastern Buzzard#	<i>Buteo japonicus</i>	Y	Class II
Peregrine Falcon#	<i>Falco peregrinus</i>	N	Class II, (LC)
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-
Common Moorhen	<i>Gallinula chloropus</i>	Y	-
Common Greenshank	<i>Tringa nebularia</i>	Y	RC
Green Sandpiper	<i>Tringa ochropus</i>	Y	-
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-
Spotted Dove	<i>Spilopelia chinensis</i>	N	-
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-
Greater Coucal#	<i>Centropus sinensis</i>	N	Class II
Asian Barred Owllet#	<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#	<i>Halcyon smyrnensis</i>	Y	Class II, (LC)
Common Kingfisher	<i>Alcedo atthis</i>	Y	-
Barn Swallow	<i>Hirundo rustica</i>	N	-
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-
Sand Martin	<i>Riparia riparia</i>	Y	-
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	-
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	N	-
Long-tailed Shrike	<i>Lanius schach</i>	N	-

Species Name <sup>(1)</sup>	Scientific Name <sup>(1)</sup>	Wetland Dependence	Conservation Status <sup>(2)</sup>
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-
Grey-backed Thrush	<i>Turdus hortulorum</i>	N	-
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N	-
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-
Plain Prinia	<i>Prinia inornata</i>	N	-
Red-throated Flycatcher	<i>Ficedula albicilla</i>	N	-
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC
Cinereous Tit	<i>Parus cinereus</i>	N	-
Swinhoe's White-eye	<i>Zosterops simplex</i>	N	-
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	N	-
Little Bunting	<i>Emberiza pusilla</i>	N	-
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-
Chinese Grosbeak	<i>Eophona migratoria</i>	Y	LC
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-
Crested Myna	<i>Acridotheres cristatellus</i>	N	-
Oriental Magpie	<i>Pica serica</i>	N	-
<b>No. of species recorded:</b>		<b>63</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) Five regular surveys and nine 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