



Proposed Comprehensive Development at Wo Shang Wai, Yuen Long

Biannual EM&A Summary Report on Ecology for
November 2020 – April 2021 (Rev A)

14 July 2021

Mott MacDonald
3/F International Trade
Tower
348 Kwun Tong Road
Kwun Tong
Kowloon
Hong Kong

T +852 2828 5757
mottmac.hk

Profit Point Enterprises
Limited
72-76/F Two International
Finance Centre,
8 Finance Street,
Central, Hong Kong

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Pursuant to Condition 4.6 of Environmental Permit No. EP-311/2008/E, this Biannual EM&A Report on ecological aspects for November 2020 to April 2021 has been reviewed, certified by Environmental Team Leader (ETL) and verified by the Independent Environmental Checker (IEC).

Certified by:



Henry Leung
Environmental Team Leader (ETL)
Mott MacDonald Hong Kong Ltd.

Date

23 July 2021

Verified by:



David Yeung
Independent Environmental Checker (IEC)
Ramboll Hong Kong Limited

Date

23 July 2021

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1 Introduction

1.1 Background

In March 2005, the Project Proponent, Profit Point Enterprises Limited, acquired the development site in Yuen Long at Wo Shang Wai. An Environmental Impact Assessment (EIA) was then carried out under the EIA Ordinance (EIAO), and the Environmental Permit (EP-311/2008) for construction of the comprehensive development in Wo Shang Wai was first granted by EPD on 9 September 2008 and has been subsequently varied, with the current version (EP-311/2008/E) issued by EPD on 19 December 2017.

The Project involves the residential development and associated infrastructure and wetland restoration area and linear landscape area. The construction works under the Environmental Permit commenced on 12 May 2010. The site formation construction works of the Wetland Restoration Area (hereafter WRA) were completed on 15 November 2010, and the WRA was established by October 2012, within 30 months from the commencement of construction as stipulated in the EP. This indicated that planting works as scheduled in the approved Wetland Restoration and Creation Scheme (WRCS; November 2009) was completed, except along the western and southern boundary where the planting is affected by the existing site boundary and noise barrier, and for which a Variation to Environmental Permit (EP-311/2008/C) to defer planting at the location was approved. The current valid EP (EP-311/2008/E) includes specific mitigation measures to minimise certain identified noise impacts during the operation phase of the Project.

Mott MacDonald Hong Kong Ltd. ("MMHK") has been commissioned by the Contractor, Heng Shung Construction Co. Ltd., to undertake the Environmental Team (ET) services to carry out environmental monitoring and audit (EM&A) for both pre-construction and construction phases of the Proposed Comprehensive Development at Wo Shang Wai, Yuen Long. From August 2016, the Project Proponent, Profit Point Enterprises Limited, commissioned MMHK to continue the ET services.

According to the EP Condition 4.6, the EM&A results on ecological aspects during the construction phase should be reported to the EIA Subcommittee of the Advisory Council on the Environment (ACE), EPD and Agriculture, Fisheries and Conservation Department (AFCD) on a biannual basis. This is the 22nd Biannual EM&A report and it summarises the findings on EM&A results of ecological aspects during the period from 1 November 2020 to 30 April 2021. This report documents surveys and management activities conducted in the Survey Area and WRA from 1 November 2020 to 30 April 2021, which is based on ecological surveys and advice on management which was undertaken by the appointed Non-Government Organisation (Eco-Education & Resources Centre) during the reporting period.

1.2 Survey Area

Surveys were conducted within 500m of the Project area. The WRA was surveyed since early September 2010. The survey area and transect are provided in **Figure 1.1**.

1.3 EM&A Requirement on Ecological Impact

The EM&A programme requires environmental monitoring of ecology as specified in the approved EM&A Manual. A summary of ecological impact EM&A requirements is presented in **Table 1.1:**

Table 1.1: Summary of Ecological Impact EM&A Requirements

Descriptions	Locations	Frequencies
Birds	Within the Project Area and Assessment Area of 500m	Weekly
Dragonflies and Butterflies	Within the Project Area and Assessment Area of 500m	Once per month during Mar and Sep to Nov, and twice per month during Apr to Aug
Herpetofauna	Within the Project Area and Assessment Area of 500m	Day-time: Once per month during Apr to Nov Night-time: Once per month during Mar to Aug
Water quality of Wetland Restoration Area (WRA)	WRA	After filling of WRA with water, monthly for in situ water quality and every six months (end of wet season and end of dry season) for laboratory testing
Site Inspections	Within the Project Area and Assessment Area of 500m	Weekly

2 Ecological Monitoring

2.1 Ecological Monitoring

In accordance with the EM&A requirements, monitoring of birds, dragonflies and butterflies, and herpetofauna were carried out during the reporting period. In addition, monitoring of mammals was also conducted concurrently with other surveys and the results were reported although it is not required by the EM&A Manual. The dates of surveys are summarised in **Appendix A**.

2.2 Monitoring of Birds

Monitoring was undertaken following the survey methodology in the EM&A Manual (Table 7-1). Since September 2010, monitoring included the newly formed cells to monitor faunal usage of this area. All bird species of conservation importance and/or wetland dependent were identified and enumerated. Flying birds were not recorded unless they were foraging and/or associated with the habitat (such as swifts). Further, notable bird observations during other surveys were also recorded.

Bird surveys were conducted on a weekly basis throughout the period. A total of 91 bird species were recorded in the Survey Area (excluding the WRA) in the survey period (i.e. November 2020 to April 2021), 48 of which were species of conservation importance and/or wetland-dependence. A summary of survey data is provided in **Appendix B**.

A total of 93 species were recorded in the WRA in the survey period, 46 of which were species of conservation importance and/or wetland-dependent species. All of the three target species¹ (i.e. Little Egret, *Egretta garzetta*, Eastern Cattle Egret, *Bubulcus coromandus*, and Chinese Pond Heron, *Ardeola bacchus*) were recorded in the WRA during regular survey.

The WRA continues to attract a number of species of conservation importance, including Little Grebe (*Tachybaptus ruficollis*), Great Cormorant (*Phalacrocorax carbo*), Grey Heron (*Ardea cinerea*), Purple Heron (*Ardea purpurea*), Great Egret (*Ardea alba*), Intermediate Egret (*Egretta intermedia*), Yellow Bittern (*Ixobrychus sinensis*), Great Bittern (*Botaurus stellaris*), Black-crowned Night Heron (*Nycticorax nycticorax*), Eurasian Teal (*Anas crecca*), Western Osprey (*Pandion haliaetus*), Black Kite (*Milvus migrans*), Crested Serpent Eagle (*Spilornis cheela*), Greater Spotted Eagle (*Clanga clanga*), Eastern Imperial Eagle (*Aquila heliaca*), Eastern Buzzard (*Buteo japonicus*), Eurasian Hobby (*Falco subbuteo*), Grey-headed Lapwing (*Vanellus cinereus*), Little Ringed Plover (*Charadrius dubius*), Common Greenshank (*Tringa nebularia*), Marsh Sandpiper (*Tringa stagnatilis*), Wood Sandpiper (*Tringa glareola*), Pied Kingfisher (*Ceryle rudis*), White-throated Kingfisher (*Halcyon smyrnensis*), Zitting Cisticola (*Cisticola juncidis*), Grey-headed Canary-flycatcher (*Culicicapa ceylonensis*), Chinese Penduline-Tit (*Remiz consobrinus*), Red-billed Starling (*Spodiopsar sericeus*), White-cheeked Starling (*Spodiopsar cineraceus*), White-shouldered Starling (*Sturnia sinensis*) and Collared Crow (*Corvus torquatus*).

Little Grebe, Eastern Cattle Egret, Yellow Bittern, Black-crowned Night Heron, Crested Serpent Eagle, Eurasian Hobby, Grey-headed Lapwing, Little Ringed Plover, Wood Sandpiper, Pied

¹ The target species are: Little Egret, *Egretta garzetta*, Eastern Cattle Egret, *Bubulcus coromandus* (formerly known as Cattle Egret, *Bubulcus ibis*) and Chinese Pond Heron, *Ardeola bacchus*.

Kingfisher, White-throated Kingfisher, Zitting Cisticola, Grey-headed Canary-flycatcher, White-shouldered Starling and Collared Crow are listed by Fellowes *et al.* (2002) as of “Local Concern”. Great Cormorant, Grey Heron, Great Egret, Little Egret, Chinese Pond Heron and White-cheeked Starling are listed by Fellowes *et al.* (2002) as of “Potential Regional Concern”. Purple Heron, Intermediate Egret, Great Bittern, Eurasian Teal, Western Osprey Black Kite, Common Greenshank, Marsh Sandpiper, and Chinese Penduline-Tit are listed by Fellowes *et al.* (2002) as of “Regional Concern”. Greater Spotted Eagle and Eastern Imperial Eagle are listed by Fellowes *et al.* (2002) as of “Global Concern”. Red-billed Starling is listed as of “Regional Concern” (Wetland Restoration Plan, Mott, 2008). Collared Crow is also listed as “near threatened” species on the IUCN list.

In addition to wetland dependent birds and/or species of conservation importance, the WRA also attracts a number of terrestrial birds including Besra (*Accipiter virgatus*), Common Kestrel (*Falco tinnunculus*), Greater Coucal (*Centropus sinensis*) and Asian Barred Owlet (*Glaucidium cuculoides*) which are protected under terrestrial wildlife state protection (Category II). Greater Coucal is also listed as vulnerable (VU) in the China Red Data Book. Survey findings indicate that the WRA not only provides important habitat for wetland-dependence birds but also the terrestrial birds.

The fish ponds to the north of the WRA (i.e. within the Survey Area (excluding WRA)) are at a greater distance from the residential portion and any disturbance impact(s) from the construction works would have first affected the WRA. Nevertheless 46 bird species of conservation importance and /or wetland dependence were observed using the site within the WRA during the survey period, including some bird species which are highly sensitive to disturbance. Thus, the WRA is considered to be effective both in acting as a buffer against potential disturbance impacts from the construction site, and in providing suitable wetland habitats at the fringe of the Deep Bay system which includes the Mai Po Marshes and the Ramsar Site as a whole.

2.3 Monitoring of Herpetofauna

Monitoring was undertaken following the survey methodology in the EM&A Manual. Day-time herpetofauna surveys were conducted once a month in November 2020 and April 2021. Night-time herpetofauna surveys were conducted once a month in March 2021 and April 2021. Further, notable herpetofauna observations during other surveys were also recorded.

A total of five amphibian species and four reptile species were recorded in the Survey Area (excluding WRA) during the reporting period. Within the WRA, a total of three amphibian species and nine reptile species were recorded during the reporting period.

No amphibian species was recorded in the Survey Area (excluding the WRA) in November 2020, December 2020, January 2021 and February 2021. In March 2021, four amphibian species (Asian Common Toad *Bufo melanostictus*, Gunther's Frog *Hylarana guentheri*, Paddy Frog *Fejervarya limnocharis* and Brown Tree Frog *Polypedates megacephalus*) were recorded in the Survey Area (excluding the WRA), of which Gunther's Frog was only recorded outside surveys. In April 2021, four amphibian species (Asian Common Toad *Bufo melanostictus*, Gunther's Frog *Hylarana guentheri*, Brown Tree Frog *Polypedates megacephalus* and Asiatic Painted Frog *Kaloula pulchra pulchra*) were recorded in the Survey Area (excluding the WRA).

No reptile species was recorded in the Survey Area (excluding the WRA) in November 2020, January 2021 and February 2021. In December 2020, one reptile species (Copperhead Racer *Coelognathus radiatus*) was recorded in the Survey Area (excluding the WRA) outside surveys. In March 2021, two reptile species (Red-eared Slider *Trachemys scripta elegans* and Bowring's

Gecko *Hemidactylus bowringii*) were recorded in the Survey Area (excluding the WRA). In April 2021, three reptile species were recorded in the Survey Area (excluding the WRA), including two species during regular surveys (Bowring's Gecko *Hemidactylus bowringii* and Many-banded Krait *Bungarus multicinctus multicinctus*) and one species (Red-eared Slider *Trachemys scripta elegans*) outside surveys.

Within the WRA, no amphibian species was recorded in November 2020, December 2020, January 2021 and February 2021. In March 2021, one amphibian species (Asian Common Toad *Bufo melanostictus*) was recorded within the WRA during regular surveys. In April 2021, three amphibian species (Asian Common Toad *Bufo melanostictus*, Gunther's Frog *Hylarana guentheri* and Ornate Pigmy Frog *Microhyla ornate*) were recorded within the WRA during regular surveys.

No reptile species was recorded within the WRA in November 2020, December 2020, January 2021 and February 2021. In March 2021 there were six reptile species recorded within the WRA. Bowring's Gecko *Hemidactylus bowringii*, Long-tailed Skink *Eutropis longicaudata* and Reeve's Smooth Skink *Scincella reevesii* were recorded during regular surveys whilst Common Blind Snake *Indotyphlops braminus*, Common Rat Snake *Ptyas mucosus* and Indo Chinese Rat Snake *Ptyas korros* were recorded outside surveys. In April 2021, six reptile species were recorded within the WRA, including two species during regular surveys (Bowring's Gecko *Hemidactylus bowringii* and Long-tailed Skink *Eutropis longicaudata*) and four species outside surveys (Red-eared Slider *Trachemys scripta elegans*, Common Rat Snake *Ptyas mucosus*, Many-banded Krait *Bungarus multicinctus multicinctus* and King Cobra *Ophiophagus hannah*).

A summary of survey data is provided in **Appendix C**.

2.4 Monitoring of Dragonfly and Butterflies

Monitoring of dragonflies and butterflies was conducted once a month in November 2020 and March 2021, and twice a month in April 2021. Further, notable dragonfly and butterfly observations during other surveys were recorded.

A total of 12 dragonfly species and 20 butterfly species were recorded using the ponds in the Survey Area (excluding WRA) during the reporting period. Within the WRA, a higher diversity of dragonfly species (22 species) and butterfly species (41 species) were recorded.

A summary of the survey findings is provided in **Appendix C**.

2.5 Monitoring of Mammals

Monitoring of mammals was conducted concurrently with other surveys.

No mammal species were recorded in the Survey Area (excluding WRA) during the survey period.

Within the WRA, two mammal species were recorded during the survey period, including Japanese Pipistrelle (*Pipistrellus abramus*) in January 2021 and Musk Shrew (*Suncus murinus*) in March 2021.

A summary of the survey findings is provided in **Appendix C**.

2.6 Monitoring of Water Quality

Monthly water quality monitoring continued during the reporting period. In November 2020, the water level of Cell 1 and Cell 2 reached the action level. In December 2020, the water level of

Cell 1, Cell 2 and Cell 4 reached the action level. In January 2021, February 2021, March 2021 and April 2021 the water level of all Cells reached the action level.

Water level of all Cells had been maintained to allow for gradual evaporation throughout the dry season, and to maintain the habitat for fish, aquatic invertebrate and water plants which will provide food and habitat for wetland birds. Evaporation of all Cells has led to a larger area of Cell edges and mudflat between the cell edges and the islets to attract waders to forage on invertebrates. The shallow water level of all Cells has also acted as foraging sites for egrets and herons, including the target species Little Egret (*Egretta garzetta*).

Rainfall in Hong Kong has reduced since November 2020. It was below the normal between March 2021 and April of 2021, according to the records of the Hong Kong Observatory. The water level of all Cells has since bounced back due to some rains in May 2021.

Monitoring data is presented in **Appendix D**. Locations for the monitoring of water quality for the ecological monitoring are shown in **Figure 1.2**.

3 Ecological Issues

3.1 Vegetation Management

Vegetation management activities undertaken within the WRA included the removal of exotic and excessive vegetation in all cells and along the EVA. These activities primarily involved tree-trimming, weeding, grass cutting, uprooting of exotic water plants and removal of climbers. Removal of vegetation included and was not limited to *Leucaena leucocephala*, *Phragmites australis*, *Lantana camara*, *Mikania* sp., *Mimosa* sp., *Pennisetum* sp., *Typha* sp., and *Ludwigia erecta*.

3.2 Wildlife Management

Golden Apple Snails and their eggs were removed on an “as-seen” basis.

All sighted fire ant nests were treated with approved pesticides. Pesticide usage was confined to Fire Ants’ nest found on terrestrial area which were further away from the Cells to prevent the contamination of water. All treated fire ant nests were inactive within one week of treatment.

Preliminary actions have been taken to increase the WRA utilization by birds. The mitigation actions are:

1. Maintaining the low water level of Cell 1, Cell 2, Cell 3 and Cell 4;
2. Controlling the vegetation at Cell 1, Cell 2, Cell 3 and Cell 4.

These mitigation actions aim to increase the foraging area and maintain suitable habitat for target species.

4 Summary of Wetland Restoration Area Performance

4.1 Summary of Findings

Ecological monitoring between 1 November 2020 and 30 April 2021 was carried out following the survey methodology and frequency outlined in the EM&A Manual.

Summary of ecological monitoring in the Survey Area and WRA between November 2020 and April 2021 (**Table 4.1**):

Table 4.1: Summary of Ecological Monitoring in WRA and Survey Area

Species	Number of species recorded in Survey Area (excluding WRA)	Number of species recorded in WRA
Birds (total)	91	93
Birds (of conservation importance and/or wetland-dependence)	48	46
Amphibians	5	3
Reptiles	4	9
Mammals	0	2
Dragonflies	12	22
Butterflies	20	41

A total of 93 bird species, 2 mammal species, 22 dragonfly species, 41 butterfly species, 3 amphibian species and 9 reptile species were recorded in the WRA, including 46 bird species of conservation importance and/or wetland-dependence. These findings indicate that the WRA is supporting wetland-dependent birds and other species of conservation importance. The diversity of dragonflies and butterflies within the WRA is higher than those in the Survey Area (excluding WRA), indicating that the wetland and vegetation management works have increased the ecological value of the WRA.

Survey findings indicate that the WRA is attracting all of the three target species (Little Egret, Eastern Cattle Egret and Chinese Pond Heron) to varying degrees. During the survey period (i.e. November 2020 to April 2021), Little Egret was recorded on nearly a weekly basis, with monthly means ranging from 0.5 to 4.0 birds per survey. Chinese Pond Heron was recorded between November 2020 and March 2021 during regular surveys, with monthly means ranging from 1.0 (March 2021) to 2.8 (December 2020) birds. In addition, Chinese Pond Heron was also recorded in April 2021 outside regular surveys. Eastern Cattle Egret was least attracted to the site. Out of the 26 regular bird surveys Eastern Cattle Egret was recorded two times in December 2020 (2 birds on 4 December 2021 and 1 bird on 14 December 2021). A list of the bird species recorded at the WRA since completion of site formation is provided in **Appendix B (Table B4 to B7)**.

With the completion of planting as scheduled in the approved Habitat Creation and Management Plan (HCMP) in August 2012, establishment work at the WRA is considered complete (except along the western and southern boundary where the planting is affected by

the existing site boundary and noise barrier, and for which an approved Variation to Environmental Permit (EP-311/2008/D) to defer planting at the location applies), and the 30-month establishment period concluded in October 2012. A review of the performance of the WRA during the review period in terms of target species attraction is provided in Section 4.2 below.

It should be noted that the high planting density was intended to ensure a rapid establishment of the site prior to occupation intake, and the planted vegetation are not intended to be maintained as a long-term tree density at the WRA. Regular horticultural/ arboricultural practice is applied in the WRA to remove excessive and less desired specimens to facilitate the successful growth of those which are of higher landscape and/or ecological value. Vegetation management is largely consistent of maintenance of planted trees and shrubs for the creation of suitable habitats for target species, as well as removal of excessive and exotic species. These works should maintain and uphold the long-term habitat structure and the overall biodiversity of the WRA.

4.2 WRA Performance for the Bird Target Species

The provision, maintenance and operation of a WRA are requirements under the Environmental Permit for compensation for predicted ecological impacts to species of conservation importance. Three bird target species were identified during the EIA process; they are Little Egret, Eastern Cattle Egret and Chinese Pond Heron. Target levels of these species are the annual mean numbers recorded during the Baseline Ecological Monitoring (i.e. a mean of 5.5 Little Egret, 1.3 Eastern Cattle Egret and 1.3 Chinese Pond Heron over a 12-month period) thus, the ecological impact of the project to the species concerned is considered to have been fully compensated when the target level for each of the three species is achieved. Whilst further discussion and agreement regarding the target level is yet to be undertaken with the relevant Government departments prior to the operation of the WRA, the proposed level offers a clear reference to the effectiveness of the mitigation measures. According to the approved Wetland Creation and Restoration Scheme (November 2009, hereafter WCRS), the WRA is anticipated to be fully operational after an establishment period of 2.5 years (30 months).

Of all three target species, all of them (i.e. Little Egret, Eastern Cattle Egret and Chinese Pond Heron) were recorded using the WRA during the survey period (November 2020 to April 2021). Among them, Little Egret was recorded in all six months during regular surveys. Chinese Pond Heron was also recorded from November 2020 to March 2021 during regular surveys and outside regular surveys in April 2021.

Table 4.2: Biannual mean & Annual mean of the three target species of the WRA from November 2019 to April 2021

Common Name	Scientific Name	Conservation Status ⁽²⁾	Baseline Annual Mean ⁽³⁾	Biannual Mean		Annual Mean		
				Nov 19 - Apr 20	May 20 - Oct 20	Nov 20 - Apr 21	May 19 - Apr 20	May 20 - Apr 21
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC, (RC)	1.3	3.5	3.2	1.8	3.4	2.5
Little Egret	<i>Egretta garzetta</i>	PRC, (RC)	5.5	8.4	1.8	1.6	6.9	1.7
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)	1.3	<0.1	0.3	0.1	<0.1	0.2

Notes:

- (1) Value in **bold** indicated the Target Level was achieved.
- (2) Conservation Status follows that of Fellow *et. al.* (2002). See Appendix B (Table B3).
- (3) Annual mean number recorded during Baseline Ecological Monitoring.

Based on **Table 4.2** above, the target level of the Chinese Pond Heron has been achieved between November 2020 to April 2021, while the target level for Little Egret and Eastern Cattle Egret have not been achieved.

According to the ecological monitoring data of the Survey Area (excluding the WRA), Eastern Cattle Egret was observed in 13 out of 26 regular surveys and the biannual mean of the Eastern Cattle Egret at the Survey Area (excluding the WRA) is 4.2 bird per survey (November 2020 – April 2021). During this period pond 44 had fish-harvesting and the operators left many dead fishes along the pond bunds. These dead fish attracted many insects which subsequently attracted many of the Eastern Cattle Egret in the vicinity to feed on them (highest count for pond 49 was 13 birds on 4 December 2020).

Eastern Cattle Egret is mainly a spring and autumn passage migrant in Hong Kong with peak count in August (*Carey et al. 2001*). This species mainly forages along short grass habitat, preying on insects, invertebrates and small vertebrates. The large expanse of grassland in the Survey Area (excluding the WRA) and the open storage areas in the vicinity of the WRA and the Survey Area (excluding the WRA) provide foraging sites for the Eastern Cattle Egret. Upon the completion of the WRA the area had changed from open storage to restored open-water wetland, reedbeds, tall vegetation as well as short grassland along the cell bunds. In the coming months the vegetation along the EVA and pond bunds of the Cells will be closely monitored, controlled and maintained, in order to attract more insect.

Although the biannual mean of Little Egret did not meet the target level, the species was recorded in 18 out of 26 regular surveys within the WRA. The highest count in this period was 3 birds in Cell 2 on 5 March 2021.

Although the target level for Eastern Cattle Egret has not been achieved between November 2020 and April 2021, the WRA continues to attract wetland dependent birds and/or species of conservation importance, as well as terrestrial birds of conservation importance. Some of these species such as the Grey-headed Lapwing (*Vanellus cinereus*) and Great Bittern (*Botaurus stellaris*) were recorded for the first time in the WRA and Survey Area (excluding the WRA).

As the Proposed Comprehensive Development at Wo Shang Wai is still under construction phase, it is considered acceptable for the target species levels to have not been achieved. However, should this situation continue, a review of the management of the WRA and adaptive management steps will be required.

The mitigation actions including: 1) Lowering the water level; and 2) Controlling the vegetation; have been taken in the WRA since November 2014 to increase the WRA utilization by birds, especially for the three target species of the WRA. Since the implementation of the mitigation actions, the biannual mean of Chinese Pond Heron has reached the target level. This may indicate the mitigation actions taken in the WRA are effective. The mitigation actions will be continued in the WRA and monitoring will be continued to investigate the effectiveness of the mitigation actions.

A summary of the annual mean of bird species of conservation importance and/or wetland-dependence recorded in the WRA from November 2020 to April 2021 is shown in **Table 4.3**.

The increase in the number of the species of conservation interest indicates that the WRA is providing a suitable habitat for them.

Table 4.3: Mean number of bird species of conservation importance and/or wetland-dependence in the WRA during reporting period

Common Name	Scientific Name (3)	Wetland Dependence	Conservation Status (1)	Annual mean number recorded during the Baseline Ecological Monitoring	Mean number recorded between Nov 2020 - Apr 2021 (2)
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	0	0.6
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.5	0.6
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	0.1	1.3
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0	0.1
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	V	1.5
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0	0.2
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	5.5	1.6
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	1.3	0.1
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	1.3	1.8
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0	0.1
Great Bittern	<i>Botaurus stellaris</i>	Y	RC	0	0.1
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	0.2	0.4
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0	0.1
Western Osprey	<i>Pandion haliaetus</i>	Y	Class II, RC	0	0.1
Black Kite	<i>Milvus migrans</i>	Y	Class II, (RC)	1.2	0.7
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	Class II, (LC)	0	V
Greater Spotted Eagle	<i>Clanga clanga</i>	Y	Class II, GC	0	<0.1
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	Class II, GC	0	<0.1
Eastern Buzzard	<i>Buteo japonicus</i>	Y	Class II	0	0.2
Eurasian Hobby	<i>Falco subbuteo</i>	Y	Class II, (LC)	0	<0.1
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	0.2	1.1
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0	2.2
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	V	0
Grey-headed Lapwing	<i>Vanellus cinereus</i>	Y	LC	0	<0.1
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.1	<0.1
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0	0.5
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0	V

Common Name	Scientific Name (3)	Wetland Dependence	Conservation Status (1)	Annual mean number recorded during the Baseline Ecological Monitoring	Mean number recorded between Nov 2020 - Apr 2021 (2)
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0	1.3
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0	1.6
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.2	0.8
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.1	0.1
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	V	0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0	0.5
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0	0.2
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0	1
Sand Martin^	<i>Riparia riparia</i>	Y	-	0	<0.1
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	10	2.3
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	2.2	<0.1
White Wagtail	<i>Motacilla alba</i>	Y	-	0.9	3.5
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.1	0.2
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0	0.1
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.1	0.2
Grey-headed Canary-flycatcher	<i>Culicicapa ceylonensis</i>	N	LC	0	<0.1
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0	1.1
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.9	0.2
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0	0.1
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.1	0.1
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0	0.3

Notes:

(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) Refers to the mean number of individuals recorded between Nov 2020 – Apr 2021 in the WRA

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

V indicates the species is recorded outside regular surveys

* 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 now not 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)

^The species name has been updated from Pale Martin (*Riparia diluta*) to Sand Martin (*Riparia riparia*)

4.3 Conclusions

A total of 156 bird species have been recorded within the WRA since completion of site formation. Of the 156 species, 88 were species of conservation importance and/or wetland dependence – indicating that the WRA provides suitable habitats for these species.

The site is also considered achieving no net loss of wetland in terms of area and function because it continuously attracts bird species of conservation importance, indicating that the WRA not only provides a buffer for potential disturbance during construction phase, but also a valuable habitat for wetland dependent species and species of conservation importance.

After commencement of works in May 2010, the site formation of the Wetland Restoration Area (WRA) was completed on 15 November 2010. In accordance with the requirement as stipulated in Clause 7.2.12 of the EM&A Manual, the WRA was in operation since October 2012 (i.e. within 2.5 years of commencement of construction). The biannual change of bird species number and composition since the WRA establishment in Oct 2012 is presented in **Table 4.4**, which shows a steady number of conservation importance species and/or wetland-dependent species continuously recorded in the WRA. This indicates that the WRA provides a suitable habitat for these species.

Table 4.4: Total number of bird species of conservation importance and/or wetland-dependence recorded in the WRA from November 2010 to April 2021

Common Name	Nov 10 - Oct 11	Nov 11 - Oct 12	Nov 12 - Oct 13	Nov 13 - Oct 14	Nov 14 - Oct 15	Nov 15 - Oct 16	Nov 16 - Oct 17	Nov 17 - Oct 18	Nov 18 - Oct 19	Nov 19 - Oct 20	Nov 20 - Apr 21
Bird species of conservation importance and/ or wetland-dependence	48	33	36	39	45	46	46	42	34	52	46

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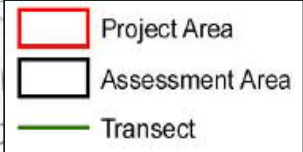
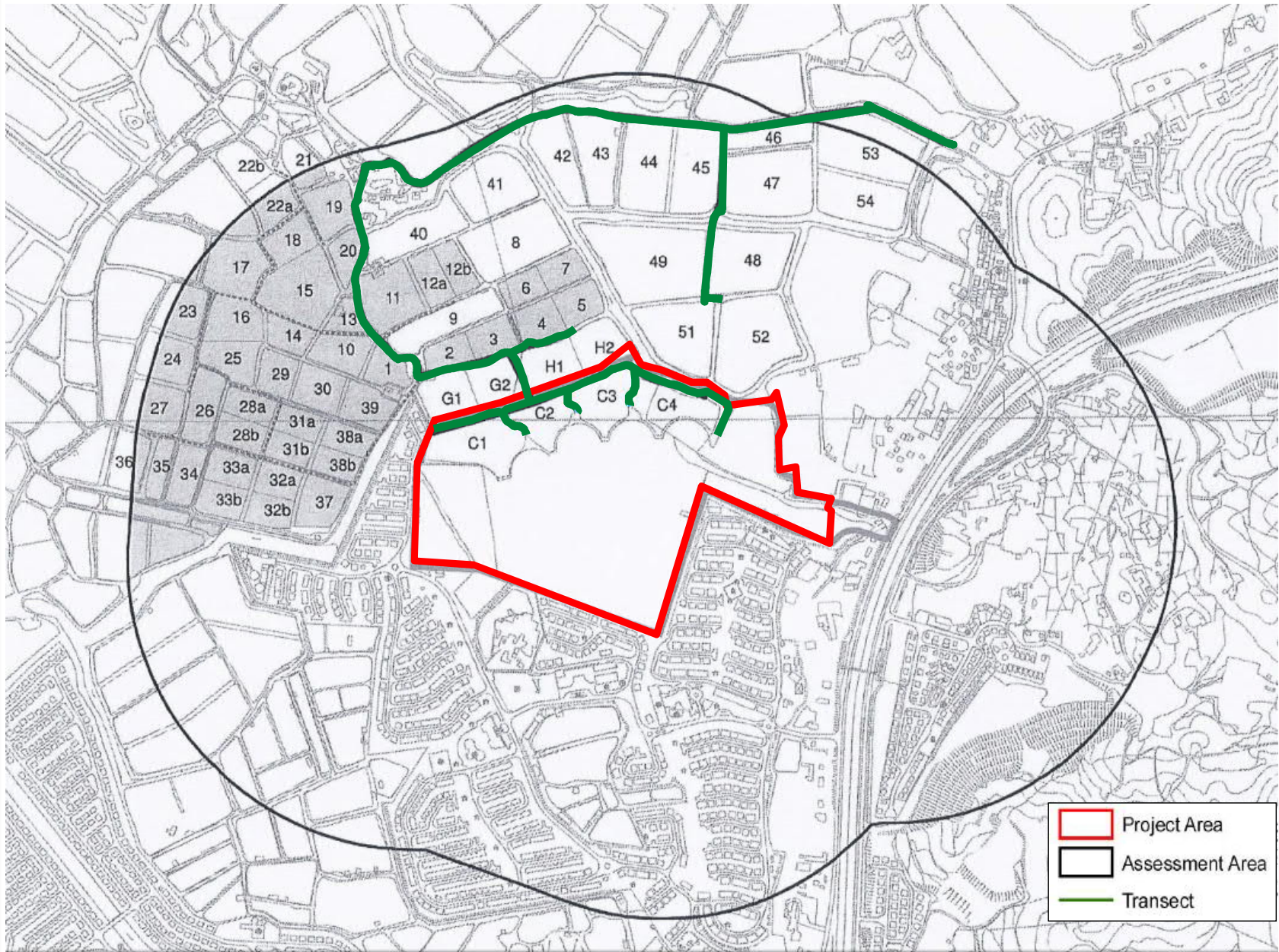
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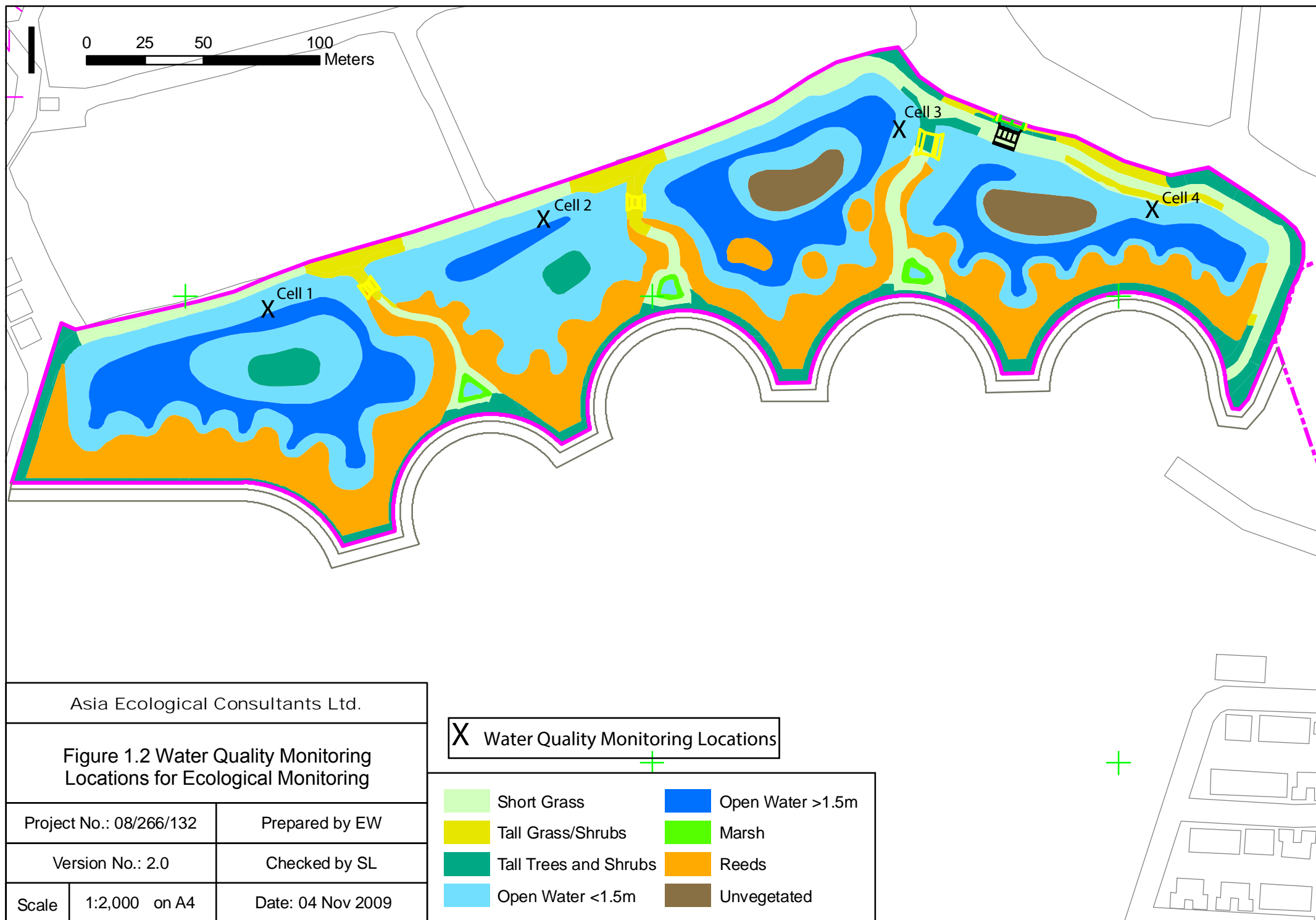
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Notes					
Key to symbols					
<div><div></div>Project Area</div> <div><div></div>Assessment Area</div> <div><div></div>Transect</div>					
Reference drawings					
Rev	Date	Drawn	Description	Ch'kd	App'd
M			201F AIA Kowloon Tower Landmark East 100 How Ming Street Kwun Tong, Kowloon Hong Kong T: +852 2828 5757 F: +852 2027 1623 W: mottmac.com		
Client					
PROFIT POINT ENTERPRISES LIMITED					
Project					
PROPOSED COMPREHENSIVE DEVELOPMENT AT WO SHANG WAI, YUEN LONG					
Title					
Survey Area and Transect Walked					
Designed			Eng check		
Drawn			Coordination		
Dwg check			Approved		
Scale at A1		Status		Rev	
Drawing Number					
Figure 1.1					



Appendices

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A. Schedule of Ecological Monitoring

Nov 2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Mammals						✓				✓				✓				✓		✓			✓								
Birds						✓								✓						✓			✓								
Herpetofauna										✓(d)																					
Dragonflies & butterflies																		✓													
Water Quality										+													✓	+							
Inspection Visits			✓							✓							✓							✓							
Vegetation and Exotic Species Control			✓		✓		✓			✓		✓					✓		✓					✓		✓					
Dec 2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Mammals				✓						✓				✓										✓				✓			
Birds				✓						✓				✓										✓				✓			
Herpetofauna																															
Dragonflies & butterflies																															
Water Quality										+													+	✓							
Inspection Visits		✓						✓		✓					✓							✓							✓		
Vegetation and Exotic Species Control	✓		✓					✓		✓					✓		✓					✓							✓		

Jan 2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Mammals								✓								✓					✓						✓				
Birds								✓								✓					✓						✓				
Herpetofauna																															
Dragonflies & butterflies																															
Water Quality												+									✓					+					
Inspection Visits					✓							✓							✓							✓					
Vegetation and Exotic Species Control					✓		✓					✓		✓					✓		✓					✓		✓			
Feb 2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Mammals					✓						✓										✓				✓						
Birds					✓						✓										✓				✓						
Herpetofauna																															
Dragonflies & butterflies																															
Water Quality								+																✓	+						
Inspection Visits		✓						✓										✓							✓						
Vegetation and Exotic Species Control		✓		✓				✓										✓							✓						
Mar 2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Mammals					✓			✓	✓									✓✓									✓			✓✓	
Birds					✓				✓									✓									✓			✓	
Herpetofauna																		✓(d)											✓(n)		
Dragonflies & butterflies								✓																							
Water Quality									+															+	✓						
Inspection Visits		✓							✓							✓								✓						✓	
Vegetation and Exotic Species Control		✓		✓					✓		✓					✓		✓					✓		✓					✓	

Apr 2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Mammals										✓			✓✓									✓✓				✓		✓	✓	
Birds										✓			✓									✓				✓				
Herpetofauna																						✓(n)							✓(d)	
Dragonflies & butterflies													✓															✓		
Water Quality							+													+	✓i									
Inspection Visits							✓									✓				✓										✓
Vegetation and Exotic Species Control													✓		✓					✓		✓								✓

Notes:

- Light grey cells indicate public holidays, Saturdays or Sundays
- + Water level monitoring
- # Additional water level monitoring
- i In-situ water quality monitoring (indicated in Biannual Report only. Refer to **Appendix D** for details.)
- "d" and "n" indicate day-time and night-time herpetofauna surveys respectively

B. Summary of Bird Surveys

Table B1: Summary of bird monitoring (for species of conservation importance and/or wetland-dependence) within the Survey Area (excluding the WRA)

Common Name	Scientific Name ⁽³⁾	Wetland Dependent	Conservation Status ⁽¹⁾	Nov 2020 Mean ⁽²⁾	Dec 2020 Mean ⁽²⁾	Jan 2021 Mean ⁽²⁾	Feb 2021 Mean ⁽²⁾	Mar 2021 Mean ⁽²⁾	Apr 2021 Mean ⁽²⁾
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	21.0	23.8	18.5	20.5	16.0	7.8
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	13.0	57.2	32.3	64.8	63.0	0.0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	13.5	11.6	16.8	19.8	8.0	1.8
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	20.0	17.0	13.3	32.5	6.6	19.0
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.3	0.0	0.0	0.0	0.0	0.3
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	19.8^	17.6	29.0	52.5	34.6	41.3
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	8.5	8.8	0.0	4.0	1.6	2.0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	18.8^	14.8	17.3	13.5	14.2	11.5
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.3	0.0	0.0	0.0	0.0	0.0
Von Schrenck's Bittern	<i>Ixobrychus eurhythmus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.3
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	1.8	0.2	0.0	0.0	V	1.8
Eurasian Spoonbill#	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.3	0.0	0.0	0.0
Black-faced Spoonbill##	<i>Platalea minor</i>	Y	Class I, PGC, EN	1.5	1.4	8.3	11.5	4.8	1.3
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.0	0.5	0.0	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	0.0	14.8	29.5	3.3	6.6	0.0

Common Name	Scientific Name ⁽³⁾	Wetland Dependent	Conservation Status ⁽¹⁾	Nov 2020 Mean ⁽²⁾	Dec 2020 Mean ⁽²⁾	Jan 2021 Mean ⁽²⁾	Feb 2021 Mean ⁽²⁾	Mar 2021 Mean ⁽²⁾	Apr 2021 Mean ⁽²⁾
Black-winged Kite#	<i>Elanus caeruleus</i>	Y	Class II, LC	0.0	0.0	0.3	0.3	0.0	0.0
Black Kite#	<i>Milvus migrans</i>	Y	Class II, (RC)	1.8	2.6	3.8	1.0	0.6	0.3
Eastern Buzzard#	<i>Buteo japonicus</i>	Y	Class II	0.3	0.6	0.0	0.0	0.2	0.0
Peregrine Falcon#	<i>Falco peregrinus</i>	N	Class II, (LC)	0.0	0.2	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	1.8^	1.4	1.8	2.5	2.4	2.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	1.0	0.6	1.0	0.5	0.6	3.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.5	0.0	0.8	12.8	8.8	4.3
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.0	0.0	0.0	1.0	4.3
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.3
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.5	0.0	1.5	0.3	0.6	0.0
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.3	0.0	0.0	1.0	0.2	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.5	0.4	2.5	0.8	0.4	2.3
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.5	0.0	0.3	0.0	0.0	2.5
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	1.5	0.4	0.8	0.3	0.8	0.3
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	0.0	0.0	1.5	2.4	8.0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	3.5	2.0	2.0	3.8	4.2	3.8
Red Knot	<i>Calidris canutus</i>	Y	LC, NT	0.0	0.0	0.0	0.0	0.0	1.3
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.3	0.0	0.3	0.3	0.0	0.0

Common Name	Scientific Name ⁽³⁾	Wetland Dependent	Conservation Status ⁽¹⁾	Nov 2020 Mean ⁽²⁾	Dec 2020 Mean ⁽²⁾	Jan 2021 Mean ⁽²⁾	Feb 2021 Mean ⁽²⁾	Mar 2021 Mean ⁽²⁾	Apr 2021 Mean ⁽²⁾
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	2.8
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	15.8
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	1.3	1.4	1.3	0.8	1.8	0.8
White-throated Kingfisher#	<i>Halcyon smymensis</i>	Y	Class II, (LC)	0.5	0.8	0.5	0.3	0.4	0.5
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	5.0	2.4	4.0	3.0	1.8	2.5
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	4.3	4.4	5.0	5.0	8.2	4.8
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.3	0.0	0.0	0.3	0.2	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	9.3	11.4	9.5	15.3	6.6	3.8
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.5	0.0	0.3	0.0	0.4	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	1.3	0.6	0.0	0.5	0.8	0.3
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.3
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.0	2.0	6.0	1.8	0.0	0.0
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.0	0.8	1.0	0.0	0.0	0.0
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	1.0	0.6	0.0	0.0	1.2	4.0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	2.8	1.6	2.0	1.3	1.0	2.8
No. of Species Recorded				33	28	30	30	32	33

(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 for roosting sites rather than in general occurrence. (Fellowes *et al.* 2002)

(2) Refers to the mean number of individuals recorded in each survey in the Survey Area (excluding the WRA)

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

(4) 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

* Red-billed Starling is considered by Fellows *et al* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is now not 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)

^ Data revised in corresponding Quarterly Report

Table B2: Summary of bird monitoring (for species of conservation importance and/or wetland-dependence) in the WRA

Common Name	Scientific Name ⁽³⁾	Wetland Dependent	Conservation Status ⁽¹⁾	Nov 2020 Mean ⁽²⁾	Dec 2020 Mean ⁽²⁾	Jan 2021 Mean ⁽²⁾	Feb 2021 Mean ⁽²⁾	Mar 2021 Mean ⁽²⁾	Apr 2021 Mean ⁽²⁾
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	1.5	0.4	1.5	0.3	0.2	0.0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.8	1.8	0.0	0.8	0.2	0.0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	2.3	1.6	2.5	1.5	0.2	0.0
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0.0	0.0	0.3	0.3	V	0.0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	0.8	1.8	1.8	1.5	2.2	0.8
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	0.4	0.3	0.0	0.0	0.3
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	0.5^	0.8	1.5	1.3	1.6	4.0
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.6	0.0	0.0	0.0	0.0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	2.5^	2.8	2.3	2.3	1.0	V
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.3	0.4	0.0	0.0	0.0	0.0
Great Bittern	<i>Botaurus stellaris</i>	Y	RC	0.0	V	0.0	0.0	0.2	0.3
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	1.0	1.0	0.0	0.0	V	0.3
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	0.3	0.3	0.0	0.0
Western Osprey#	<i>Pandion haliaetus</i>	Y	Class II, RC	0.5	0.0	0.0	0.0	0.0	0.0
Black Kite#	<i>Milvus migrans</i>	Y	Class II, (RC)	0.8	0.8	0.8	0.5	0.6	0.5
Crested Serpent Eagle#	<i>Spilornis cheela</i>	N	Class II, (LC)	0.0	0.0	0.0	V	V	0.0
Greater Spotted Eagle#	<i>Clanga clanga</i>	Y	Class II, GC	0.0	0.2	0.0	0.0	0.0	0.0
Eastern Imperial Eagle##	<i>Aquila heliaca</i>	Y	Class II, GC	0.0	V	0.0	0.3	0.0	0.0

Common Name	Scientific Name ⁽³⁾	Wetland Dependent	Conservation Status ⁽¹⁾	Nov 2020 Mean ⁽²⁾	Dec 2020 Mean ⁽²⁾	Jan 2021 Mean ⁽²⁾	Feb 2021 Mean ⁽²⁾	Mar 2021 Mean ⁽²⁾	Apr 2021 Mean ⁽²⁾
Eastern Buzzard#	<i>Buteo japonicus</i>	Y	Class II	0.5	0.0	0.3	0.0	0.2	V
Eurasian Hobby#	<i>Falco subbuteo</i>	Y	Class II, (LC)	0.0	0.2	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	2.0^	0.8	0.0	0.3	2.2	1.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	2.5	1.6	3.0	2.0	2.0	2.0
Grey-headed Lapwing	<i>Vanellus cinereus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.3
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	0.0	0.0	0.3	0.0	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.0	0.0	0.5	0.0	0.0	2.5
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	V
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.5	1.8	2.8	0.8	1.6	0.5
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	0.0	5.0	1.3	2.0	1.5
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.0	0.8	0.5	0.0	0.4	3.5
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.3	0.2	0.0	0.3	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.0	0.5	1.3	1.2	0.0
White-throated Kingfisher#	<i>Halcyon smyrnensis</i>	Y	(LC)	0.0	V	1.0	0.5	0.0	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.3	1.8	1.3	0.8	1.0	0.8
Sand Martin	<i>Riparia riparia</i>	Y	-	0.3	0.0	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.0	1.2	2.5	1.8	3.2	5.0
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	0.0	0.2	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	2.0	2.4	11.5	2.3	2.6	1.0
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.5	0.0	0.0	0.3	0.2	0.0
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.5	0.0	0.0	0.0	0.0	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.8	0.0	0.0	0.3	0.0	0.0
Grey-headed Canary-flycatcher	<i>Culicicapa ceylonensis</i>	N	LC	0.0	0.2	0.0	0.0	0.0	0.0

Common Name	Scientific Name ⁽³⁾	Wetland Dependent	Conservation Status ⁽¹⁾	Nov 2020 Mean ⁽²⁾	Dec 2020 Mean ⁽²⁾	Jan 2021 Mean ⁽²⁾	Feb 2021 Mean ⁽²⁾	Mar 2021 Mean ⁽²⁾	Apr 2021 Mean ⁽²⁾
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	1.8	0.0	0.0	0.0	2.8	2.0
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	1.0	0.0	0.0	0.0	0.0	0.0
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.5	0.0	0.0	0.0	0.0	0.0
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.8
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	1.3	0.2	0.0	0.3	0.4	0.0
No. of Species Recorded				25	26	20	25	25	21

(1) Conservation status follows that of Fellows et al. (2002) and BirdLife international listing (2017). Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and for roosting sites rather than in general occurrence. (Fellows et al. 2002).

(2) Refers to mean number of individuals recorded in each survey in the Survey Area (excluding the WRA).

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

(4) Birds tagged with '#' are Category II protected under terrestrial wildlife state protection. Birds tagged with '##' are Category I protected under terrestrial wild life state protection
 V indicates the species is recorded outside regular surveys

* Red-billed Starling is considered by Fellows *et al* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is now not 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)

^ Data revised in corresponding Quarterly Report

Updated species names used in the report include Eurasian Magpie (*Pica serica*) as Oriental Magpie (*Pica pica*), Japanese White-eye (*Zosterops japonica*) as Swinhoe's White-eye (*Zosterops simplex*), Chinese Bulbul (*Pycnonotus sinensis*) as Light-vented Bulbul (*Pycnonotus sinensis*) and Pale Martin (*Riparia diluta*) as Sand Martin (*Riparia riparia*)

Table B3: Conservation Status Categories of Bird Species

Code	Category	Brief Description	Source
GC	Global Concern	Habitat loss/ damage in Hong Kong would pose significant threat to global survival.	Fellowes <i>et al.</i> (2002)
RC	Regional Concern	Habitat loss/ damage in Hong Kong would pose significant threat to regional survival.	
LC	Local Concern	Habitat loss/ damage in Hong Kong would pose significant threat to local survival.	
PGC	Potential Global Concern	Large, secure population in Hong Kong is of global significance.	
PRC	Potential Regional Concern	Large, secure population in Hong Kong is of regional significance.	
CR	Critically Endangered	Best available evidence indicates that it meets any of the criteria A to E for Critically Endangered, and it is therefore considered to be facing an extremely high risk of extinction in the wild.	BirdLife International (2017)
EN	Endangered	Best available evidence indicates that it meets any of the criteria A to E for Endangered, and it is therefore considered to be facing a high risk of extinction in the wild.	
VU	Vulnerable	Best available evidence indicates that it meets any of the criteria A to E for Vulnerable, and it is therefore considered to be facing a high risk of extinction in the wild.	
NT	Near Threatened	Does not qualify for Critically Endangered or Vulnerable now; but is close to qualifying for or is likely to qualify for a threatened category in the near future.	

Table B4: Summary of Bird Species Recorded at WRA and their Respective Monthly Mean between September 2010 and October 2012

Common name	Scientific name	Wetland Dependence	Conservation status	Sep- 10	Oct- 10	Nov- 10	Dec- 10	Jan- 11	Feb- 11	Mar- 11	Apr- 11	May- 11	Jun- 11	Jul- 11	Aug- 11	Sep- 11	Oct- 11	Nov- 11	Dec- 11	Jan- 12	Feb- 12	Mar- 12	Apr- 12	May- 12	Jun- 12	Jul- 12	Aug- 12	Sep- 12	Oct- 12
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.0	3.8	0.8	0.5	0.5	0.0	0.6	0.0	1.4	1.6	0.8	1.0	1.3	0.2	0.0	0.2
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	0.0	0.0	1.0	1.6	2.0	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.5	1.8	0.8	2.3	0.8	0.0	0.0	0.0	0.3	0.0	0.0	0.4
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	0.0	0.0	0.0	0.4	14.0	2.0	0.2	0.5	0.3	0.5	0.3	0.0	1.5	1.8	0.8	1.2	0.6	0.7	0.6	0.6	1.0	0.3	0.0	0.4	0.5	1.5
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	0.0	0.0	0.0	1.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.0	0.6	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.3	0.9
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	0.0	0.0	0.0	1.8	8.0	2.0	0.4	0.5	0.8	0.3	0.3	1.0	1.0	0.5	1.5	1.6	1.4	2.0	1.6	0.0	0.0	0.0	0.0	0.8	0.3	1.2
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	11.8	0.0	1.3	0.3	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.3	0.3	0.3	1.5	4.2	7.8	4.5	5.3	2.4	0.3	2.3	2.6	1.4	0.8	1.0	0.8	2.0	1.8	3.6
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	0.0	0.0	0.0	0.3	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mandarin Duck	<i>Aix galericulata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Wigeon	<i>Anas penelope</i>	Y	RC	0.0	0.0	0.0	1.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Pintail	<i>Anas acuta</i>	Y	RC	0.0	0.0	0.0	0.2	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Garganey	<i>Anas querquedula</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Kite	<i>Elanus caeruleus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Kite	<i>Milvus migrans</i>	N	(RC)	0.0	0.0	0.0	0.0	0.8	0.3	0.2	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.4
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Sep- 10	Oct- 10	Nov- 10	Dec- 10	Jan- 11	Feb- 11	Mar- 11	Apr- 11	May- 11	Jun- 11	Jul- 11	Aug- 11	Sep- 11	Oct- 11	Nov- 11	Dec- 11	Jan- 12	Feb- 12	Mar- 12	Apr- 12	May- 12	Jun- 12	Jul- 12	Aug- 12	Sep- 12	Oct- 12
Eastern Buzzard	<i>Buteo japonicus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.0	0.0	1.0	0.4	1.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Spotted Eagle	<i>Clanga clanga</i>	N	GC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japanese Quail	<i>Coturnix japonica</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baillon's Crane	<i>Porzana pusilla</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	1.3	2.6	1.3	1.5	0.3	0.0	0.0	0.0	0.4	0.0	0.0	0.5	1.0	0.5	0.0	0.0
Watercock	<i>Gallicrex cinerea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	3.0	0.0	24.5	7.4	3.8	9.0	6.8	10.5	5.5	0.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.0	0.0	1.0	0.4	0.5	0.5	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.4	0.0	0.0	0.2	0.0	0.0
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	1.0	0.0	0.5	1.0	0.0	0.5	0.6	1.0	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.9

Common name	Scientific name	Wetland Dependence	Conservation status	Sep- 10	Oct- 10	Nov- 10	Dec- 10	Jan- 11	Feb- 11	Mar- 11	Apr- 11	May- 11	Jun- 11	Jul- 11	Aug- 11	Sep- 11	Oct- 11	Nov- 11	Dec- 11	Jan- 12	Feb- 12	Mar- 12	Apr- 12	May- 12	Jun- 12	Jul- 12	Aug- 12	Sep- 12	Oct- 12
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe^	<i>Gallinago stenura/ G. megala</i>	Y	LC	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.5	0.0	0.0	2.5	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	DS	DS	0.0	DS	0.0	0.0	DS	0.0	0.6	0.0
Asian Koel	<i>Eudynamys scolopaceus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Coucal#	<i>Centropus sinensis</i>	N		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
House Swift	<i>Apus nipalensis</i>	N	-	10.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.0	0.0	0.2	0.3	0.5	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.0	0.0	0.0	0.4	0.5	0.3	0.0	0.3	0.5	1.0	0.3	1.0	0.8	0.5	0.8	1.0	0.4	0.0	0.8	0.0	0.0	0.0	0.0	0.6	0.0	0.4
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Barn Swallow	<i>Hirundo rustica</i>	N	-	25.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	0.0	DS	0.0	DS	DS	3.0	0.0	0.0

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Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.0	0.0	14.5	10.2	15.0	23.5	8.2	11.8	1.8	0.0	0.0	0.2	0.8	1.5	2.0	1.2	0.6	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	0.2	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
White Wagtail	<i>Motacilla alba</i>	Y	-	3.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	DS	DS	DS	0.0	0.0	0.0	DS	1.8	3.2
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.0	0.0	1.5	0.8	0.5	1.0	1.0	1.8	0.5	0.0	0.0	0.0	0.0	0.3	0.0	DS	0.0	DS	DS	DS	0.0	0.0	0.0	0.0	0.0	
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	2.0	2.5	1.2	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
Buff-bellied Pipit	<i>Anthus rubescens</i>	N	LC	0.0	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	DS	0.0	DS	0.0	0.0	0.0	
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Brown Shrike	<i>Lanius cristatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	0.0	0.0	0.0	0.0	DS	DS	0.0	0.0	
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-	0.0	3.0	0.5	1.0	1.0	0.8	0.2	0.3	0.0	0.0	0.0	0.0	0.0	1.0	0.0	DS	DS	0.0	DS	0.0	0.0	0.0	0.0	0.0	0.0	
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0		
Lanceolated Warbler	<i>Locustella lanceolata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Thick-billed Warbler	<i>Acrocephalus aedon</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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Common Tailorbird	<i>Orthotomus sutorius</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	2.5	2.5	1.0	0.4	0.0	0.3	0.8	1.8	0.2	0.3	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	DS	0.0	DS	0.0	DS	DS	0.8	0.4
Plain Prinia	<i>Prinia inornata</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	DS	0.0	DS	DS	0.0	0.0
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Japanese White-eye	<i>Zosterops japonica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Bunting	<i>Emberiza pusilla</i>	N	-	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Grosbeak	<i>Eophona migratoria</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-	20.0	0.0	0.0	0.0	2.5	0.0	15.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	DS	DS	1.5	0.0
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	DS	0.0	DS	0.0	0.0	0.0
Red-billed Starling	<i>Spodiopsar sericeus</i>	N	(RC)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.8	1.6	6.6	39.0	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	N	PRC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	DS	DS	0.0	0.0	0.0	0.0	DS	0.0	0.0
White-shouldered Starling	<i>Sturnia sinensis</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Myna	<i>Acridotheres tristis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crested Myna	<i>Acridotheres cristatellus</i>	N	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0	0.0	0.0	DS	0.0	0.0	DS	0.0	V
Black-naped Oriole	<i>Oriolus chinensis</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Drongo	<i>Dicrurus macrocercus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Sep- 10	Oct- 10	Nov- 10	Dec- 10	Jan- 11	Feb- 11	Mar- 11	Apr- 11	May- 11	Jun- 11	Jul- 11	Aug- 11	Sep- 11	Oct- 11	Nov- 11	Dec- 11	Jan- 12	Feb- 12	Mar- 12	Apr- 12	May- 12	Jun- 12	Jul- 12	Aug- 12	Sep- 12	Oct- 12
Azure-winged Magpie	<i>Cyanopica cyanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Magpie	<i>Pica pica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0	0.0	0.0	DS	0.3	0.0
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	0.0	0.0	0.0	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Collared Crow	<i>Corvus torquatus</i>	N	LC, NT	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.5	0.0	0.3	0.0	0.8	0.8	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0

Note: Conservation Status follows that of Fellows et. al. (2002)

^ Pintail Snipe and Swinhoe's Snipe cannot be distinguished in field, conservation status refers to Swinhoe's Snipe.

V Indicates the species is recorded outside regular surveys.

DS Indicates species recorded during survey.

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

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is now not 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 B5: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2012 and October 2014

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 12	Dec- 12	Jan- 13	Feb- 13	Mar- 13	Apr- 13	May- 13	Jun- 13	Jul- 13	Aug- 13	Sep- 13	Oct- 13	Nov- 13	Dec- 13	Jan- 14	Feb- 14	Mar- 14	Apr- 14	May- 14	Jun- 14	Jul- 14	Aug- 14	Sep- 14	Oct- 14
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	1.0	0.8	1.2	0.4	0.6	0.4	1.5	0.5	0.0	0.6	0.5	1.2	0.6	2.2	1.8	5.3	4.5	2.4	0.8	2.0	3.2	1.8	1.6	1.4
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.8	3.8	0.8	1.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.4	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	0.8	1.3	0.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	V	1.0	2.8	2.6	1.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.6
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	1.4	0.5	1.0	0.8	0.2	0.6	0.0	0.8	0.6	0.0	0.0	0.6	0.6	2.4	1.2	1.8	0.8	0.2	V	0.5	V	V	0.2	V
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.2	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	0.8	1.8	2.2	1.4	0.6	1.2	0.6	1.8	0.4	3.4	0.5	2.2	1.4	2.4	4.4	4.0	3.8	3.2	1.2	3.3	1.8	1.3	2.6	1.6
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	V	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	1.6	1.0	2.4	0.4	V	V	0.0	0.0	0.8	2.0	0.5	1.4	1.4	2.6	6.8	3.5	2.5	1.0	1.6	1.0	1.4	1.5	4.2	1.4
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	V	1.0	2.5	0.2	1.4	1.3	0.8	0.4	0.2	0.0	0.0	V	V	0.4	1.3	1.0	0.8	0.2	0.2
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	V	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	V	0.0	V	0.0	0.0	0.0	0.0	V
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mandarin Duck	<i>Aix galericulata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Wigeon	<i>Anas penelope</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Pintail	<i>Anas acuta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	7.0	5.5	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Garganey	<i>Anas querquedula</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Kite	<i>Elanus caeruleus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Kite	<i>Milvus migrans</i>	Y	(RC)	0.0	0.3	0.0	0.0	0.6	0.0	0.2	0.3	0.0	1.2	0.8	0.2	0.2	0.0	V	0.5	0.8	0.4	0.6	0.3	0.6	0.0	0.0	0.4
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 12	Dec- 12	Jan- 13	Feb- 13	Mar- 13	Apr- 13	May- 13	Jun- 13	Jul- 13	Aug- 13	Sep- 13	Oct- 13	Nov- 13	Dec- 13	Jan- 14	Feb- 14	Mar- 14	Apr- 14	May- 14	Jun- 14	Jul- 14	Aug- 14	Sep- 14	Oct- 14
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Spotted Eagle	<i>Clanga clanga</i>	N	GC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japanese Quail	<i>Coturnix japonica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baillon's Crane	<i>Porzana pusilla</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	0.2	V	0.2	v	0.4	0.2	V	1.8	0.2	0.2	V	0.8	0.4	0.0	0.0	0.0	V	0.2	0.2	V	1.4	0.5	0.5	0.2
Watercock	<i>Gallicrex cinerea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	V	0.2	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	V	0.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	V	0.4	0.0	V	0.5	0.8	0.0	0.0	0.3	0.0	0.0	0.0	1.2
Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	V	V	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	V
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.6	V	V	0.0	0.5	0.0	0.0	0.0	0.0	V	0.0	V
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	V	V	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	V	V	V	V	V	V	0.0	0.0	0.0	0.4	0.3	0.0	0.2
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.2	V	V	0.0	V	0.2	0.2	0.0	V	0.6	V	0.8	1.6	0.2	V	0.3	1.3	0.2	0.4	V	V	0.3	2.6	4.4

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Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe^	<i>Gallinago stenura/ G. megala</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	V	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	0.4	1.2	0.4	0.0	0.2	0.2	0.4	0.5	0.8	2.8	2.0	2.6	2.6	3.0	6.2	2.3	2.0	1.0	0.6	1.6	1.2	1.3	2.2	3.6
Asian Koel	<i>Eudynamis scolopaceus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0
Greater Coucal#	<i>Centropus sinensis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.4	0.8	0.3	0.8	0.5	0.2	0.2
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
House Swift	<i>Apus nipalensis</i>	N	-	0.0	0.4	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.0	0.0	0.4	V	0.3	V	0.0	0.0	0.0	V	0.0	0.0	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.2	0.3	0.5	0.4	0.2	0.2	0.6	0.3	0.4	0.4	0.8	1.0	2.0	1.6	1.2	2.3	0.8	1.0	1.2	1.8	0.6	1.3	1.4	1.8
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.2	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Barn Swallow	<i>Hirundo rustica</i>	N	-	0.2	1.0	0.0	0.2	9.2	23.0	11.2	0.0	1.4	1.8	1.0	0.0	V	0.0	0.0	0.5	7.8	15.4	18.0	1.5	1.0	1.5	0.4	V
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.2	0.3	1.4	2.8	2.2	2.2	0.2	0.0	0.0	0.0	0.0	0.4	0.2	0.6	0.6	1.0	0.3	0.2	0.0	0.0	0.0	0.0	0.6	0.2

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Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	2.6	1.3	0.8	3.0	4.8	2.0	1.0	0.0	1.2	0.4	3.5	2.8	3.6	2.6	1.2	1.3	2.5	1.6	0.6	1.2	0.8	1.8	1.8	3.2
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.2	0.4	1.2	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	2.0	2.3	3.0	V	0.0	0.0	0.0	0.0	V
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.0	0.0	0.0	0.6	1.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buff-bellied Pipit	<i>Anthus rubescens</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.2	2.0	0.3	0.0	0.2	0.0	0.0	V	0.0	0.8	1.3	0.3	0.2	0.0	0.0	0.2	0.3	1.2	0.0
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	0.0	0.2	2.0	0.2	0.2	3.2	2.0	3.8	0.0	2.4	3.5	0.2	1.8	4.0	3.8	0.5	0.8	1.6	1.8	2.3	2.2	2.3	0.4	4.6
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Brown Shrike	<i>Lanius cristatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.2	0.0	0.4	0.0	0.0	0.2	0.0	V	0.4	0.2	0.3	0.2	0.0	0.2	V	0.3	0.0	0.0	0.2	0.3	0.4	0.5	V	0.0
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.2	0.3	V	0.2	0.2	0.4	0.0	0.0	0.2	0.0	0.3	V	V	V	0.0
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-	0.4	0.4	0.8	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	V	0.2	0.2	0.4	0.5	0.3	V	0.2	0.0	0.0	0.0	0.0	0.4
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-	0.0	0.0	0.0	0.0	0.6	1.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.4	0.8	V	0.5	0.2	0.2	0.5	V	1.5	0.8	0.0
Lanceolated Warbler	<i>Locustella lanceolata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0
Thick-billed Warbler	<i>Acrocephalus aedon</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	0.3	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-	0.0	0.8	0.6	0.8	1.4	4.6	4.4	5.0	2.4	1.8	3.0	2.4	0.8	1.0	0.8	1.3	2.8	0.8	0.8	0.4	0.0	0.0	0.4	0.0

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Plain Prinia	<i>Prinia inornata</i>	N	-	1.2	0.4	V	1.4	0.2	0.2	0.2	0.5	0.8	0.4	0.3	0.0	0.4	0.0	0.2	V	0.8	2.0	1.0	0.0	2.6	4.3	3.4	0.0
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.4	0.0	0.4	0.8	1.5	V	0.0	0.0	0.0	0.0	V	V
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.5	0.0	V
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	4.5	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japanese White-eye	<i>Zosterops japonica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.6	0.0	0.0	V	0.0	0.0	0.0
Little Bunting	<i>Emberiza pusilla</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Grosbeak	<i>Eophona migratoria</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-	0.0	0.0	0.0	1.0	2.2	1.0	0.0	0.0	2.0	0.4	0.3	0.0	0.0	1.8	1.8	V	1.8	V	3.2	5.8	0.8	1.5	1.3	0.0
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	8.8	3.6
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	V	0.0	0.0	0.0	V	0.0
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-	0.0	0.0	0.8	0.4	0.2	0.2	0.2	0.0	0.0	0.0	0.8	0.0	0.8	1.6	0.8	0.5	1.8	0.2	0.2	V	1.0	1.0	1.2	1.4
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.0	V
Common Myna	<i>Acridotheres tristis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0
Crested Myna	<i>Acridotheres cristatellus</i>	N	-	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.8	0.2	0.0	0.0	2.0	1.8	1.4	0.5	1.3	1.0	0.6	1.0	1.2	3.5	0.2	1.8
Black-naped Oriole	<i>Oriolus chinensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Drongo	<i>Dicrurus macrocerus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	V	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	1.5	0.0	0.2
Azure-winged Magpie	<i>Cyanopica cyanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Magpie	<i>Pica pica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	V	0.0	0.8	V	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	V	0.5	0.8	0.4	0.0	0.6	0.0	0.4	V

Notes: Conservation Status follows that of Fellows et. al. (2002)

^ Pintail Snip and Swinhoe's Snipe cannot be distinguished in field, conservation status refers to Swinhoe's Snipe.

V Indicates the species is recorded outside regular surveys.

DS Indicates species recorded during survey.

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

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is now not 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 B6: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2014 and October 2016

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 14	Dec- 14	Jan- 15	Feb- 15	Mar- 15	Apr- 15	May- 15	Jun- 15	Jul- 15	Aug- 15	Sep- 15	Oct- 15	Nov- 15	Dec- 15	Jan- 16	Feb- 16	Mar- 16	Apr- 16	May- 16	Jun- 16	Jul- 16	Aug- 16	Sep- 16	Oct- 16
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	2.5	1.2	2.0	2.0	2.0	0.8	1.2	2.8	1.6	1.8	1.0	2.0	2.3	2.4	3.2	3.3	3.8	2.4	1.4	0.8	1.5	1.4	0.8	V
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.5	1.8	2.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6	0.2	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	2.3	2.6	5.3	4.8	0.8	V	0.0	0.0	0.0	0.0	0.4	1.8	1.3	2.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	0.5	1.6	0.8	0.3	V	0.3	V	0.0	0.2	0.3	1.8	1.0	0.3	0.4	0.8	0.3	0.6	0.2	0.2	0.2	0.3	0.6	1.0	0.8
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	3.0	3.6	5.3	3.5	4.6	6.3	1.4	0.6	0.2	1.8	2.0	1.8	2.3	4.8	8.2	3.0	1.6	2.6	1.2	2.4	2.8	4.6	3.6	6.3
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.3	0.0	V	V
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	2.0	2.8	2.3	2.8	1.2	1.8	0.6	0.8	1.8	1.3	2.8	5.4	3.3	8.2	3.6	2.0	1.8	0.6	1.2	1.6	5.3	2.6	5.6	6.3
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.3	0.2	0.0	0.0	0.2	0.5	0.4	1.6	0.6	1.0	0.6	2.6	0.3	0.8	0.4	0.5	0.2	0.6	0.6	1.4	4.8	2.0	0.8	0.8
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	V	V	V	V	0.0	V	0.0	0.0	0.0	V	0.0	0.0	0.2	V	1.8	0.4	V	0.0
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	V	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mandarin Duck	<i>Aix galericulata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Wigeon	<i>Anas penelope</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Pintail	<i>Anas acuta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Garganey	<i>Anas querquedula</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Kite	<i>Elanus caeruleus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Kite	<i>Milvus migrans</i>	Y	(RC)	0.0	0.4	0.0	0.3	0.4	0.5	0.2	0.2	0.0	0.0	0.2	0.4	0.3	0.8	0.2	0.5	1.0	0.2	V	0.2	V	0.4	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 14	Dec- 14	Jan- 15	Feb- 15	Mar- 15	Apr- 15	May- 15	Jun- 15	Jul- 15	Aug- 15	Sep- 15	Oct- 15	Nov- 15	Dec- 15	Jan- 16	Feb- 16	Mar- 16	Apr- 16	May- 16	Jun- 16	Jul- 16	Aug- 16	Sep- 16	Oct- 16
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crested Goshawk	<i>Accipiter trivirgatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Greater Spotted Eagle	<i>Clanga clanga</i>	Y	GC	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	-	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	0.0	0.0	V	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Japanese Quail	<i>Coturnix japonica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baillon's Crake	<i>Porzana pusilla</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	0.5	V	0.8	1.0	0.8	0.3	V	V	0.2	V	0.2	0.6	0.0	0.8	0.4	V	0.4	0.4	0.8	0.2	0.3	0.4	0.6	0.3
Watercock	<i>Gallicrex cinerea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	V	0.0	V	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.2	0.0	V	0.0	V	0.0	0.0
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	V	0.0	0.8	0.0	V	V	0.0	1.6	0.0	0.0	0.0	0.0	1.0	0.3
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	1.8	0.2	0.8	0.5	1.6	1.8	2.0	V	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	V	0.0	V	0.0	0.0	0.0	0.0
Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 14	Dec- 14	Jan- 15	Feb- 15	Mar- 15	Apr- 15	May- 15	Jun- 15	Jul- 15	Aug- 15	Sep- 15	Oct- 15	Nov- 15	Dec- 15	Jan- 16	Feb- 16	Mar- 16	Apr- 16	May- 16	Jun- 16	Jul- 16	Aug- 16	Sep- 16	Oct- 16
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.3
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.3	0.2	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	V	0.8	0.4	0.2	V	V	V	0.0	0.0	0.0	0.0	2.4	0.8
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	2.2	V	V	V	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	V	0.5	0.0	0.4	0.0	0.0	V	V	0.6	V
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.8	1.2	3.0	2.0	2.2	0.5	0.0	0.0	0.0	0.3	1.2	0.6	0.3	1.2	1.4	0.5	0.6	1.0	1.0	0.0	0.5	V	0.2	1.5
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe^	<i>Gallinago stenura/ G. megala</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	1.5	4.2	3.8	1.3	2.2	6.0	3.6	1.6	2.2	2.0	3.0	3.4	1.3	4.8	6.0	3.5	3.4	2.2	2.2	1.8	3.0	3.4	2.2	2.5
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4.6	11.0	0.2	0.0	0.4	0.0	0.0	0.6	0.4	0.5
Asian Koel	<i>Eudynamys scolopaceus</i>	N	-	0.0	0.0	0.0	0.0	V	0.0	0.2	0.2	0.0	0.3	V	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.2	V	0.0	0.0
Greater Coucal#	<i>Centropus sinensis</i>	N	-	V	0.2	0.3	0.3	0.6	1.0	0.4	0.2	0.2	V	V	0.0	0.5	1.0	0.0	0.8	V	0.2	0.6	0.6	0.8	0.4	0.2	0.3
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	V	V	0.0	0.0	0.0	0.0

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Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
House Swift	<i>Apus nipalensis</i>	N	-	0.0	0.0	14.5	105.8	14.4	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.4	0.5	0.3	0.2	0.0	0.2	0.0	0.0	0.8	0.0	0.0	0.3	0.0	0.2	0.3	0.0	V	0.2	0.0	0.0	0.0	V	0.0
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.4	0.3	0.4	0.4	0.3	0.0	0.2	V	V	0.5	0.2	0.4	V
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	1.3	0.8	1.8	2.8	1.4	1.5	0.8	0.8	0.2	0.5	0.6	2.2	1.5	3.0	3.0	1.3	1.6	1.4	2.0	0.6	2.0	0.2	0.6	0.8
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Barn Swallow	<i>Hirundo rustica</i>	N	-	0.5	0.0	13.0	15.3	14.4	9.8	0.2	2.2	0.8	V	0.8	V	2.0	V	0.0	V	1.6	1.6	V	1.4	V	V	0.2	0.0
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	1.8	0.4	2.0	4.3	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	V	1.8	1.4	2.0	1.2	1.0	0.0	0.0	0.0	0.0	0.0	0.3
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	4.0	5.6	6.3	9.5	4.8	3.3	1.4	V	0.0	0.3	0.4	0.4	0.8	3.8	4.0	2.0	1.0	1.2	0.2	V	0.3	0.4	0.6	1.0
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.3	0.0	0.5	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.3	2.2	0.3	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	2.8	0.2	V	0.0	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buff-bellied Pipit	<i>Anthus rubescens</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	0.8	3.4	7.3	1.3	0.6	0.8	1.0	2.6	5.8	4.5	1.4	1.0	5.3	11.0	20.0	6.5	1.6	4.6	2.6	4.6	1.8	4.0	4.4	8.0
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	5.3	3.0	24.8	10.0	4.8	6.3	5.6	4.6	2.6	1.8	2.6	1.4	3.0	10.2	9.0	5.8	1.0	1.8	2.2	3.0	7.8	7.8	0.4	1.5
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	V	0.4	2.0	0.0	0.0	0.0	0.0
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brown Shrike	<i>Lanius cristatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.0	0.2	0.8	0.5	0.4	0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.3	0.6	0.2	0.3	V	0.6	0.4	V	0.5	0.4	0.4	0.0
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	0.0	0.2	0.5	0.8	0.6	0.5	0.2	1.2	0.2	0.0	0.0	0.2	0.5	0.2	0.4	0.5	1.0	0.6	V	V	1.3	1.2	0.2	0.0
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-	0.3	1.6	0.8	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.8	0.8	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-	0.3	0.2	0.3	0.8	0.8	0.3	0.0	0.0	0.0	0.0	0.0	2.2	0.5	1.0	0.6	0.5	V	V	0.0	0.0	0.0	0.0	0.4	V

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Grey-backed thrush	<i>Turdus hortulorum</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-	0.0	1.2	0.0	1.5	1.0	1.3	1.2	0.4	2.4	3.0	1.2	V	V	2.6	2.0	2.5	2.6	1.6	2.8	1.6	0.8	1.4	0.4	0.0
Lanceolated Warbler	<i>Locustella lanceolata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.4	0.0
Thick-billed Warbler	<i>Acrocephalus aedon</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-	0.5	1.2	1.0	1.5	0.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.3
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N	-	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.8	0.0	0.0	V	0.0	V	0.0	0.0	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-	0.5	0.0	0.3	0.3	2.6	0.8	2.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.6	0.8	0.0	0.2	1.3	0.2	V	V
Plain Prinia	<i>Prinia inornata</i>	N	-	2.8	0.2	1.3	3.5	1.6	2.8	1.2	1.0	1.6	1.5	0.6	0.6	2.3	1.0	0.6	0.8	1.0	0.6	2.8	1.8	0.8	1.0	0.2	0.5
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0.0	0.4	1.5	4.5	3.2	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Great Tit**	<i>Parus major</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japanese White-eye	<i>Zosterops japonica</i>	N	-	0.0	1.0	V	V	0.2	0.0	0.2	V	3.8	4.3	0.0	0.0	0.0	0.4	3.2	V	V	0.0	1.4	0.4	V	0.8	0.8	V
Little Bunting	<i>Emberiza pusilla</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Grosbeak	<i>Eophona migratoria</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 14	Dec- 14	Jan- 15	Feb- 15	Mar- 15	Apr- 15	May- 15	Jun- 15	Jul- 15	Aug- 15	Sep- 15	Oct- 15	Nov- 15	Dec- 15	Jan- 16	Feb- 16	Mar- 16	Apr- 16	May- 16	Jun- 16	Jul- 16	Aug- 16	Sep- 16	Oct- 16
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-	3.3	0.6	V	V	4.0	11.3	0.6	V	V	3.3	1.6	0.4	2.3	2.2	1.4	0.0	0.2	V	0.0	0.0	0.0	2.2	V	0.0
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-	0.0	V	4.5	4.0	1.4	0.0	0.2	0.0	0.4	0.0	0.6	0.4	V	0.0	0.0	0.0	0.0	0.0	1.4	1.4	0.0	V	V	0.0
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.0	0.0	0.0	24.5	V	0.0	V	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-cheeked Starling	<i>Spodiopsar cinereus</i>	Y	PRC	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	V	0.0	V	0.0	0.8	V	1.0	0.0	0.0	0.0	0.0
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-	0.3	3.0	1.3	2.0	4.2	2.3	2.0	1.0	1.6	1.8	0.4	1.6	V	2.2	1.0	3.5	0.4	1.0	1.0	0.8	0.8	2.2	0.6	1.8
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	V	V	0.0	0.0	0.0	0.0	0.0	0.0	V	0.2	V	0.0	V	0.0	V	0.0
Common Myna	<i>Acridotheres tristis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.5	V	0.0	0.0
Crested Myna	<i>Acridotheres cristatellus</i>	N	-	2.8	4.0	0.0	0.5	2.2	2.3	2.8	6.8	0.4	1.8	0.2	0.6	V	4.8	1.2	3.8	1.2	4.6	0.6	1.8	0.3	4.4	1.0	0.0
Black-naped Oriole	<i>Oriolus chinensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Drongo	<i>Dicrurus macrocercus</i>	N	-	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.6	0.6	0.0	V	0.2	0.3	0.0	0.0	0.0	0.0	0.0	1.0	1.2	1.5
Azure-winged Magpie	<i>Cyanopica cyanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Magpie	<i>Pica pica</i>	N	-	0.0	0.0	0.3	0.8	V	0.5	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.2	0.2	V	0.0	V	0.0	0.0	V
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.0	0.0	0.0	0.0	0.0	V	0.2	0.0	0.0	0.0	0.6	0.4	0.0	V	0.4	0.0	V	0.2	0.0	V	V	V	0.4	0.0

- (1) Conservation Status follows that of Fellowes et. al. (2002). 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)
- ^Pintail Snipe and Swinhoe's Snipe cannot be distinguished in field, conservation status refers to Swinhoe's Snipe
- V indicates the species is recorded outside regular surveys
- DS indicates species recorded during surveys
- # Greater Coucal is listed as vulnerable (VU) in China Red Data Book and it is protected under terrestrial wildlife state protection (category II).
- * 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 now not 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)
- ** The species name is updated as Cinereous Tit, *Parus cinereus*, since June 2017.

Table B7: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2016 and October 2018

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 16	Dec- 16	Jan- 17	Feb- 17	Mar- 17	Apr- 17	May- 17	Jun- 17	Jul- 17	Aug- 17	Sep- 17	Oct- 17	Nov- 17	Dec- 17	Jan- 18	Feb- 18	Mar- 18	Apr- 18	May- 18	Jun- 18	Jul- 18	Aug- 18	Sep- 18	Oct- 18
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	1.8	3.4	2.3	4.0	5.0	1.3	0.4	0.6	V	0.8	2.0	0.8	1.8	3.3	0.6	1.2	1.0	2.8	2.4	1.8	2.4	4.3	2.0	3.6
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.8	1.8	0.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.8	0.4	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.2
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	1.4	3.4	2.3	4.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5	2.5	1.0	0.4	1.5	0.0	0.0	0.0	0.0	0.0	0.3	1.8
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	0.8	2.2	1.5	2.4	1.2	1.3	2.2	0.8	0.8	0.6	0.2	0.8	2.5	1.0	0.8	1.6	1.0	0.3	0.6	1.5	V	0.3	0.8	1.8
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	V	0.0	V	0.0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	5.8	5.6	9.3	4.2	6.4	4.0	19.4	2.4	0.3	4.6	2.6	10.2	62.3	15.0	4.0	2.8	5.8	4.0	3.8	4.0	4.4	2.3	3.8	3.4
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	V
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	5.6	4.4	6.5	6.2	3.6	1.0	2.0	0.8	1.5	4.0	1.6	4.2	4.0	7.0	1.0	0.6	0.3	1.3	1.0	2.0	2.4	1.8	2.3	1.6
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.2	0.8	0.0	0.2	0.4	0.5	0.8	2.0	0.5	1.2	0.6	0.2	0.8	0.0	0.2	0.0	0.3	0.0	0.4	0.3	0.4	0.8	0.3	0.4
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	Y	LC	0.0	0.0	0.0	0.0	V	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	V	0.0	V	V	0.0	V	0.4	V	V	0.0	0.2	0.0	0.3	0.0	0.0	0.0	V	0.0	V	V	V	0.3	V	0.0
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mandarin Duck	<i>Aix galericulata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Wigeon	<i>Anas penelope</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Pintail	<i>Anas acuta</i>	Y	RC	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Garganey	<i>Anas querquedula</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Besra	<i>Accipiter virgatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Black-winged Kite	<i>Elanus caeruleus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Kite	<i>Milvus migrans</i>	Y	(RC)	V	0.4	0.3	1.0	0.4	0.3	0.0	0.0	V	0.2	0.6	0.0	1.0	0.8	0.2	0.6	0.3	0.5	0.2	0.5	0.6	0.3	0.8	0.6

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 16	Dec- 16	Jan- 17	Feb- 17	Mar- 17	Apr- 17	May- 17	Jun- 17	Jul- 17	Aug- 17	Sep- 17	Oct- 17	Nov- 17	Dec- 17	Jan- 18	Feb- 18	Mar- 18	Apr- 18	May- 18	Jun- 18	Jul- 18	Aug- 18	Sep- 18	Oct- 18
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crested Goshawk	<i>Accipiter trivirgatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Spotted Eagle	<i>Clanga clanga</i>	Y	GC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	V	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0
Japanese Quail	<i>Coturnix japonica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baillon's Crake	<i>Porzana pusilla</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	0.0	0.4	0.3	0.2	0.6	1.0	0.6	0.2	0.5	0.2	0.4	0.0	0.3	0.3	0.0	V	0.3	0.3	0.2	0.3	1.0	0.5	1.0	0.2
Watercock	<i>Gallicrex cinerea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	V	V	0.3	0.6	V	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	V	V	V	V	0.0	V	V	3.5	1.3	1.2
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.6	V	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	1.4	V	0.8	0.8	0.3	0.0	V	0.0	0.0	0.0	0.0	0.0	0.5	0.0	V	0.0	0.0	1.2	0.3	0.0	0.0	0.0	0.0
Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Redshank	<i>Tringa totanus</i>	Y	RC	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 16	Dec- 16	Jan- 17	Feb- 17	Mar- 17	Apr- 17	May- 17	Jun- 17	Jul- 17	Aug- 17	Sep- 17	Oct- 17	Nov- 17	Dec- 17	Jan- 18	Feb- 18	Mar- 18	Apr- 18	May- 18	Jun- 18	Jul- 18	Aug- 18	Sep- 18	Oct- 18
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	V	V	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.6	2.0	0.8	0.8	0.4	0.8	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.2	0.0	1.3	1.8	0.6	V	0.0	V	0.0	0.0
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.6	0.2	V	0.2	0.2	0.0	0.0	0.0	V	0.0	0.0	0.2	0.0	V	0.6	0.2	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.4	0.4	0.8	2.2	0.6	1.0	0.0	0.0	V	0.0	0.2	0.6	0.8	0.3	0.8	0.4	1.5	1.3	0.2	0.0	0.4	V	0.0	0.6
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe^	<i>Gallinago stenura/ G. megala</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Y	PRC	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	2.6	3.8	7.0	4.2	4.4	2.0	1.0	1.4	1.8	2.8	5.3	4.8	2.3	8.0	5.8	6.2	2.0	3.5	3.8	3.0	3.2	3.8	4.8	5.0
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.2	0.6	2.8	0.8	0.2	0.3	0.4	1.0	V	0.4	0.8	2.0	V	0.5	5.8	0.8	0.8	1.5	1.6	1.8	0.4	1.0	2.0	4.2
Asian Koel	<i>Eudynamys scolopaceus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.2	V	0.4	V	0.0	0.0
Greater Coucal#	<i>Centropus sinensis</i>	N	-	V	0.6	0.3	0.6	0.8	0.5	0.4	V	0.5	0.4	0.3	0.4	0.0	0.0	0.3	0.2	0.8	1.0	0.6	0.3	0.6	0.5	0.8	0.4
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	V	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0

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Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
House Swift	<i>Apus nipalensis</i>	N	-	V	V	0.0	0.0	V	V	0.0	0.0	V	0.0	0.0	0.0	7.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.2	0.6	0.5	V	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	V	V	V	0.3	0.4
Black-capped Kingfisher	<i>Halcyon pileata</i>	Y	(LC)	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.2	0.4	V	0.4	0.2	V	0.2	0.2	0.3	0.0	0.0	0.2	0.3	0.5	0.2	V	0.0	0.0	0.0	0.3	0.4	0.3	V	0.2
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	2.2	1.4	1.8	2.6	2.0	0.3	1.0	0.2	0.8	0.4	0.4	1.2	1.0	1.5	0.2	0.2	0.5	1.0	0.4	V	0.4	0.5	1.0	1.6
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Barn Swallow	<i>Hirundo rustica</i>	N	-	0.0	0.0	0.0	1.4	1.2	1.5	1.6	0.0	0.8	V	1.3	0.0	1.0	V	2.3	13.2	4.0	4.5	2.8	0.8	2.2	2.3	1.0	0.8
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.6	0.4	V	V	0.4	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	V	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
White Wagtail	<i>Motacilla alba</i>	Y	-	1.6	2.2	V	1.0	1.0	1.0	0.6	0.4	V	0.0	1.4	2.0	1.5	3.5	3.2	1.6	1.5	0.3	V	0.0	0.2	V	0.0	0.8
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.5	0.0	0.0	0.2	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buff-bellied Pipit	<i>Anthus rubescens</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	1.8	3.2	4.3	1.8	1.8	2.0	1.4	1.2	1.5	0.0	6.0	7.4	V	2.0	2.0	4.4	4.3	6.8	1.6	2.0	1.4	5.0	4.5	10.8
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	0.4	1.4	10.8	4.0	1.6	2.8	2.0	1.2	1.5	1.2	1.8	3.6	V	0.8	2.8	8.2	1.8	2.5	3.8	2.5	0.4	0.5	2.0	0.8
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	N	-	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-flanked Bluetail	<i>Tarsiger cyanurus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brown Shrike	<i>Lanius cristatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.6	0.2	V	0.2	0.4	0.0	0.0	V	0.3	1.2	0.3	2.2	2.0	1.3	0.3	1.8	V	V	0.0	V	1.2	0.5	0.8	1.0
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	0.6	0.0	0.0	0.0	0.0	0.8	0.6	0.8	1.3	1.2	0.0	0.0	2.0	V	0.0	0.0	0.5	2.0	0.0	0.3	0.0	0.0	0.0	0.0

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Daurian Redstart	<i>Phoenicurus aureus</i>	N	-	0.2	0.4	V	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.0	0.8	0.8	0.5	0.0	0.0	0.0	2.4	0.0	0.0	0.0
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-	0.2	0.6	0.3	0.4	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.8	0.3	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Chinese Blackbird	<i>Turdus mandarinus</i>	N	-	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Grey-backed thrush	<i>Turdus hortulorum</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-	0.2	0.6	1.5	0.8	V	0.8	1.2	1.0	0.5	0.2	0.0	0.4	2.3	2.0	1.3	1.2	1.5	6.5	3.2	0.3	3.0	0.5	0.0	V
Lanceolated Warbler	<i>Locustella lanceolata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0
Thick-billed Warbler	<i>Acrocephalus aedon</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-	V	0.0	0.3	0.2	0.6	0.5	0.0	V	V	V	0.0	1.4	1.8	0.0	1.8	0.8	V	6.3	2.0	0.8	V	V	V	0.0
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-	V	V	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	V	V	V	V	0.0	0.0	0.0	0.0	0.0	V
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N	-	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-	0.0	V	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluethroat	<i>Luscinia svecica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-	0.6	0.0	0.0	1.4	1.0	1.0	1.8	V	0.0	0.0	0.0	0.2	0.3	0.0	0.5	0.0	V	0.5	0.6	1.3	0.0	0.0	0.0	0.8
Plain Prinia	<i>Prinia inornata</i>	N	-	0.4	0.2	1.0	0.8	0.2	0.5	0.6	0.8	0.3	0.2	V	0.0	0.8	0.3	1.0	0.6	0.8	0.0	0.0	0.8	0.0	V	0.0	0.0
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cinereous Tit	<i>Parus cinereus</i>	N	-	0.0	0.0	0.0	0.0	0.4	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japanese White-eye	<i>Zosterops japonica</i>	N	-	0.0	1.6	V	0.0	0.4	0.0	0.2	0.4	V	0.0	0.0	0.2	0.0	0.0	0.0	0.0	V	0.0	0.0	V	0.0	0.0	0.0	V

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 16	Dec- 16	Jan- 17	Feb- 17	Mar- 17	Apr- 17	May- 17	Jun- 17	Jul- 17	Aug- 17	Sep- 17	Oct- 17	Nov- 17	Dec- 17	Jan- 18	Feb- 18	Mar- 18	Apr- 18	May- 18	Jun- 18	Jul- 18	Aug- 18	Sep- 18	Oct- 18
Little Bunting	<i>Emberiza pusilla</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Grosbeak	<i>Eophona migratoria</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-	0.8	0.0	V	0.0	0.0	2.8	0.0	V	1.5	0.0	4.5	1.2	0.0	4.0	3.3	V	V	2.8	3.6	3.5	5.0	0.8	1.0	0.0
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.0	1.4	V	1.0	3.3	0.2	0.0	1.8	0.0	2.3	1.6	4.8	5.8	4.0
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	V	V	0.5	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	5.0	0.8	8.4	V	V	0.0	0.0	0.3	0.2	V	0.0	0.0
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.0	0.0	V	0.6	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-	0.2	0.2	0.3	0.6	0.4	0.5	0.4	0.4	1.0	1.4	1.0	2.2	0.8	2.5	3.0	1.2	0.8	0.3	0.2	0.8	3.2	0.8	0.3	11.4
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0
Common Myna	<i>Acridotheres tristis</i>	N	-	0.0	V	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V
Crested Myna	<i>Acridotheres cristatellus</i>	N	-	6.2	1.8	5.8	0.4	0.6	1.5	0.2	2.6	V	2.0	4.0	3.2	9.8	1.5	4.3	2.4	3.0	2.3	1.6	2.8	4.0	0.5	1.5	6.6
Black-naped Oriole	<i>Oriolus chinensis</i>	Y	LC	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Drongo	<i>Dicrurus macrocercus</i>	N	-	0.2	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	1.0	V	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Azure-winged Magpie	<i>Cyanopica cyanus</i>	N	-	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.0	0.4	0.0	0.0	0.0	V	0.0	V	0.0	0.0
Eurasian Magpie	<i>Pica pica</i>	N	-	0.0	0.2	V	0.4	0.2	V	0.2	0.0	0.0	0.0	0.0	1.4	0.8	0.5	1.0	V	0.5	0.3	0.6	0.0	0.0	0.5	0.8	0.6
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	0.0	0.0	0.0	V	0.2	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	V	0.0	1.2	0.3	V	0.2	0.0	V	0.0	0.8	0.8

Note: Conservation Status follows that of Fellows et. al. (2002) Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellows et al. 2002)

^ Pintail Snip and Swinhoe's Snipe cannot be distinguished in field, conservation status refers to Swinhoe's Snipe.

V Indicates the species is recorded outside regular surveys.

DS Indicates species recorded during survey.

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

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is now not 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)

** The species name is updated as Cinereous Tit, *Parus cinereus*, since June 2017.

Table B8: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2018 and October 2020

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 18	Dec- 18	Jan- 19	Feb- 19	Mar- 19	Apr- 19	May- 19	Jun- 19	Jul- 19	Aug- 19	Sep- 19	Oct- 19	Nov- 19	Dec- 19	Jan- 20	Feb- 20	Mar- 20	Apr- 20	May- 20	Jun- 20	Jul- 20	Aug- 20	Sep- 20	Oct- 20
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	3.8	3.5	1.5	1.0	1.4	2.0	1.6	1.0	1.6	1.2	2.5	2.4	2.2	1.4	0.2	1.0	1.3	0.8	0.0	0.0	0.8	1.3	1.8	2.0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	V	1.8	6.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.6	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	2.0	5.5	2.8	2.8	0.8	0.0	0.0	0.3	0.0	0.0	1.3	1.2	5.4	1.2	1.8	2.0	0.3	V	0.0	0.2	V	0.0	1.0	0.5
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0.5	V	V	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	1.3	3.8	2.3	2.5	0.6	1.8	1.0	2.0	0.6	1.2	0.5	1.4	1.8	1.4	3.4	3.5	0.8	0.2	1.0	0.2	0.3	1.0	1.5	1.5
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	3.3	7.8	7.3	8.3	3.4	5.3	3.6	7.0	6.6	5.8	5.5	4.0	6.0	4.8	16.4	7.3	11.0	5.2	2.3	1.8	2.0	1.5	1.3	2.3
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.2	0.0	0.0	0.0	0.0	1.5	0.5
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	1.8	4.3	4.5	2.0	1.4	1.5	1.8	5.0	3.6	2.8	2.3	2.8	5.6	5.2	3.4	2.3	2.8	1.4	0.3	0.2	1.0	7.5	3.0	7.8
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.3	V	V	V	0.2	0.5	0.4	1.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.2	0.3	1.8	2.3	0.8
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	0.0	V	0.0	0.0	0.0	V	0.0	V	0.2	0.2	V	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.2	V	2.8	5.8	2.3
Black Stork	<i>Ciconia nigra</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mandarin Duck	<i>Aix galericulata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Wigeon	<i>Anas penelope</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Pintail	<i>Anas acuta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Garganey	<i>Anas querquedula</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Besra	<i>Accipiter virgatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Black-winged Kite	<i>Elanus caeruleus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	V

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 18	Dec- 18	Jan- 19	Feb- 19	Mar- 19	Apr- 19	May- 19	Jun- 19	Jul- 19	Aug- 19	Sep- 19	Oct- 19	Nov- 19	Dec- 19	Jan- 20	Feb- 20	Mar- 20	Apr- 20	May- 20	Jun- 20	Jul- 20	Aug- 20	Sep- 20	Oct- 20
Black Kite	<i>Milvus migrans</i>	Y	(RC)	0.5	0.3	0.0	0.3	0.2	0.5	0.2	0.0	0.2	0.2	0.3	0.4	0.2	0.0	V	V	V	V	0.3	0.4	0.5	0.3	0.5	2.0
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	(LC)	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0
Crested Goshawk	<i>Accipiter trivirgatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.3
Greater Spotted Eagle	<i>Clanga clanga</i>	Y	GC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0
Asian Barred Owl	<i>Glaucidium cuculoides</i>	N	-	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	V	0.0
Japanese Quail	<i>Coturnix japonica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baillon's Crane	<i>Porzana pusilla</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	V	V	0.0	0.3	0.6	0.8	1.0	V	V	0.6	V	0.2	0.2	0.2	0.4	0.3	0.3	1.8	0.3	V	0.3	2.0	1.8	1.0
Watercock	<i>Gallicrex cinerea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Coot	<i>Fulica atra</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	1.5	V	V	0.3	V	0.3	0.2	0.0	0.0	0.0	V	0.0	0.0	V	0.0	V	0.3	0.2	0.0	0.0	0.0	0.5	0.5	0.0
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.0	V	0.0	0.0	0.0	0.0
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.3	0.0
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.5

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Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.0	V	0.0	V	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.0	0.0	0.3	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.2	V	0.5	1.0	V	0.0	0.0	0.0	0.5	0.3	0.0
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	V	1.3	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	V	V	0.3	0.8	0.4	0.5	0.2	V	0.0	0.2	1.3	0.0	V	0.4	V	0.8	1.5	1.2	0.5	0.0	0.0	0.5	0.3	0.3
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe^	<i>Gallinago stenura/ G. megala</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.5
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Y	PRC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	6.3	7.0	4.8	5.0	2.2	3.0	2.6	3.5	3.2	4.0	3.5	2.8	4.2	2.4	1.2	1.0	2.3	3.2	3.3	1.4	2.3	4.3	5.0	6.5
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	3.0	2.3	V	1.3	0.0	0.0	0.4	0.0	0.0	0.4	0.3	0.4	V	V	0.4	V	0.0	0.2	0.0	0.0	0.0	0.5	1.0	1.0

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Emerald Dove	<i>Chalcophaps indica indica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0
Asian Koel	<i>Eudynamys scolopaceus</i>	N	-	0.0	0.0	0.0	0.8	0.4	0.8	0.0	0.0	V	0.0	V	0.0	0.0	0.0	0.0	V	V	0.2	0.0	0.2	0.0	0.0	0.0	0.8
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Greater Coucal#	<i>Centropus sinensis</i>	N	-	0.5	0.3	0.0	0.0	0.4	V	V	1.0	0.2	0.2	0.5	0.6	0.6	0.0	0.6	V	0.5	0.8	1.0	0.6	0.0	1.0	0.0	0.0
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Himalayan Swiftlet	<i>Aerodramus brevirostris</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
House Swift	<i>Apus nipalensis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	1.4	V	2.2	V	0.0	1.5	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	V	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3
Black-capped Kingfisher	<i>Halcyon pileata</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.3	0.3	V	0.3	0.0	V	0.0	0.0	0.0	0.2	0.0	V	0.0	V	V	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.5	0.3	0.8	0.5	0.6	0.5	0.2	0.8	0.2	0.4	0.5	0.8	1.2	1.2	0.8	0.5	0.3	0.2	0.0	0.0	0.0	1.3	1.0	0.5
Blue-tailed Bee-eater	<i>Merops philippinus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sand Martin	<i>Riparia riparia</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Barn Swallow	<i>Hirundo rustica</i>	N	-	0.0	1.8	V	2.5	4.8	3.8	1.8	3.5	1.2	1.8	V	0.0	0.0	0.0	2.0	V	3.0	6.6	5.5	1.0	0.8	5.0	2.3	8.3
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.0	V	V	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	V	1.2	0.0	0.0	0.0	0.0	0.3	0.5
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	1.8	0.8	0.8	3.0	V	1.3	0.0	0.0	0.4	0.0	0.0	0.4	0.6	0.8	1.2	1.0	0.3	1.8	V	0.4	0.0	0.8	2.5	2.8
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.0	0.0	0.3	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.5	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buff-bellied Pipit	<i>Anthus rubescens</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	2.0	4.5	0.5	0.8	1.2	V	1.8	1.0	0.0	3.2	1.5	0.6	V	4.4	3.4	2.5	2.8	1.2	1.8	2.6	0.0	5.5	1.8	4.5
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	V	0.5	1.8	3.8	2.0	3.5	1.0	1.3	3.4	0.6	0.5	4.0	2.8	1.6	3.4	2.3	3.5	2.0	2.8	2.0	1.0	1.5	0.8	1.8
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Cuckooshrike	<i>Lalage melaschistos</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Red-flanked Bluetail	<i>Tarsiger cyanurus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brown Shrike	<i>Lanius cristatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.8	0.0	0.0	0.3	0.0	0.0	0.0	V	0.0	V	0.0	0.0	0.0	V	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.3
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	V	V	0.0	V	V	0.5	1.0	0.0	0.0	0.5	1.3	1.0	0.5
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-	0.5	2.8	1.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.4	V	0.5	V	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-	0.8	2.8	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	V	0.2	V	0.0	V	V	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Chinese Blackbird	<i>Turdus mandarinus</i>	N	-	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.0
Grey-backed thrush	<i>Turdus hortulorum</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-	2.0	0.0	1.0	0.3	V	1.3	1.0	1.3	1.8	4.4	V	0.0	V	V	0.8	0.5	1.0	0.4	1.8	1.2	0.0	4.5	3.5	3.8
Lanceolated Warbler	<i>Locustella lanceolata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Thick-billed Warbler	<i>Acrocephalus aedon</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-	0.0	0.3	0.0	0.0	V	0.0	0.0	1.5	0.0	0.0	0.0	0.2	0.0	V	0.0	V	V	0.2	0.0	0.4	0.0	1.0	1.3	1.3
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-	0.3	4.3	3.0	2.8	V	V	0.0	0.5	0.2	1.0	0.8	0.2	V	0.0	V	V	1.0	0.4	0.0	0.0	0.0	0.0	0.0	4.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 18	Dec- 18	Jan- 19	Feb- 19	Mar- 19	Apr- 19	May- 19	Jun- 19	Jul- 19	Aug- 19	Sep- 19	Oct- 19	Nov- 19	Dec- 19	Jan- 20	Feb- 20	Mar- 20	Apr- 20	May- 20	Jun- 20	Jul- 20	Aug- 20	Sep- 20	Oct- 20
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pale-legged Leaf Warbler	<i>Phylloscopus tenellipes</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0
Sakhalin Leaf Warbler	<i>Phylloscopus borealoides</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Bluethroat	<i>Luscinia svecica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-	0.3	3.0	2.3	1.8	0.8	0.0	0.0	0.5	0.0	V	0.0	0.6	0.6	0.0	V	V	1.5	1.6	1.3	0.0	0.0	1.8	1.5	1.5
Plain Prinia	<i>Prinia inornata</i>	N	-	0.3	0.0	V	V	0.6	0.0	0.0	0.0	0.0	V	0.5	0.2	V	V	V	V	V	0.2	0.5	0.0	0.3	2.5	2.0	0.5
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.5
Amur Paradise Flycatcher	<i>Terpsiphone incei</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0
Japanese Paradise Flycatcher	<i>Terpsiphone atrocaudata</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cinereous Tit	<i>Parus cinereus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	1.0	0.3	1.0
Japanese Tit	<i>Parus minor</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japanese White-eye	<i>Zosterops japonica</i>	N	-	1.3	0.0	0.0	6.0	0.0	0.0	0.0	V	V	0.0	0.0	1.0	0.0	0.0	V	V	V	0.0	0.0	0.0	V	2.3	4.0	2.3
Little Bunting	<i>Emberiza pusilla</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Grosbeak	<i>Eophona migratoria</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-	V	5.3	2.8	0.0	1.6	0.0	1.6	0.0	1.0	0.0	0.0	0.0	0.0	1.6	3.0	1.8	2.3	2.0	0.0	0.0	0.0	10.5	11.0	6.0
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-	7.3	6.5	3.0	4.0	V	1.5	0.0	1.0	0.0	0.8	0.0	1.6	2.4	1.0	0.0	0.0	0.3	0.2	0.0	0.6	0.5	0.0	0.0	0.0
Yellow-fronted Canary	<i>Crithagra mozambica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.0	V	V	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 18	Dec- 18	Jan- 19	Feb- 19	Mar- 19	Apr- 19	May- 19	Jun- 19	Jul- 19	Aug- 19	Sep- 19	Oct- 19	Nov- 19	Dec- 19	Jan- 20	Feb- 20	Mar- 20	Apr- 20	May- 20	Jun- 20	Jul- 20	Aug- 20	Sep- 20	Oct- 20
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-	4.3	3.8	1.5	2.3	V	0.3	0.2	0.5	0.0	1.6	0.0	1.0	0.0	V	V	V	1.0	0.8	1.5	0.8	0.3	1.3	0.8	4.0
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.5	1.5	0.0
Common Myna	<i>Acridotheres tristis</i>	N	-	0.5	0.5	0.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Crested Myna	<i>Acridotheres cristatellus</i>	N	-	2.3	5.5	0.8	4.8	1.6	0.8	1.4	1.5	0.6	0.4	2.5	0.6	1.0	0.8	1.2	0.0	0.3	4.0	1.3	0.8	0.3	2.3	7.8	4.5
Black-naped Oriole	<i>Oriolus chinensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Drongo	<i>Dicrurus macrocercus</i>	N	-	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.2	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	2.3
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Azure-winged Magpie	<i>Cyanopica cyanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	V	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
Eurasian Magpie	<i>Pica pica</i>	N	-	1.3	V	0.0	V	0.8	0.3	0.2	0.5	0.0	0.4	0.0	0.4	0.0	0.4	0.6	0.5	0.3	0.0	0.0	0.0	V	0.3	0.5	0.3
Red-billed Blue Magpie	<i>Urocissa erythrorhyncha</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.0	0.0	0.8	1.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	1.0	0.5	0.0

Note: Conservation Status follows that of Fellows et. al. (2002) Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellows et al. 2002)

^ Pintail Snipe and Swinhoe's Snipe cannot be distinguished in field, conservation status refers to Swinhoe's Snipe.

V Indicates the species is recorded outside regular surveys.

DS Indicates species recorded during survey.

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

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is now not 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)

** The species name is updated as Cinereous Tit, *Parus cinereus*, since June 2017.

Table B9: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2020 and April 2021

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	1.5	0.4	1.5	0.3	0.2	0.0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.8	1.8	0.0	0.8	0.2	0.0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	2.3	1.6	2.5	1.5	0.2	0.0
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0.0	0.0	0.3	0.3	V	0.0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	0.8	1.8	1.8	1.5	2.2	0.8
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	0.4	0.3	0.0	0.0	0.3
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	0.5	0.8	1.5	1.3	1.6	4.0
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.6	0.0	0.0	0.0	0.0
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	2.5	2.8	2.3	2.3	1.0	V
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.3	0.4	0.0	0.0	0.0	0.0
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Great Bittern	<i>Botaurus stellaris</i>	Y	RC	0.0	V	0.0	0.0	0.2	0.3
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	1.0	1.0	0.0	0.0	V	0.3
Black Stork	<i>Ciconia nigra</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	0.0	0.0	0.0	0.0	0.0
Mandarin Duck	<i>Aix galericulata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Wigeon	<i>Anas penelope</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	0.3	0.3	0.0	0.0
Northern Pintail	<i>Anas acuta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Garganey	<i>Anas querquedula</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	0.5	0.0	0.0	0.0	0.0	0.0
Besra	<i>Accipiter virgatus</i>	N	-	0.0	0.0	0.3	0.0	0.4	V

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21
Black-winged Kite	<i>Elanus caeruleus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Black Kite	<i>Milvus migrans</i>	Y	(RC)	0.8	0.8	0.8	0.5	0.6	0.5
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	(LC)	0.0	0.0	0.0	V	V	0.0
Crested Goshawk	<i>Accipiter trivirgatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Greater Spotted Eagle	<i>Clanga clanga</i>	Y	GC	0.0	0.2	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	-	0.0	V	0.0	0.3	0.0	0.0
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.5	0.0	0.3	0.0	0.2	V
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.0	0.4	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.2	0.0	0.0	0.0	0.0
Japanese Quail	<i>Coturnix japonica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0
Baillon's Crake	<i>Porzana pusilla</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	2.0	0.8	0.0	0.3	2.2	1.0
Watercock	<i>Gallicrex cinerea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Coot	<i>Fulica atra</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	2.5	1.6	3.0	2.0	2.0	2.0
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Grey-headed Lapwing	<i>Vanellus cinereus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.3
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	0.0	0.0	0.3	0.0	0.0
Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.0	0.0	0.5	0.0	0.0	2.5
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	V
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.5	1.8	2.8	0.8	1.6	0.5
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	0.0	5.0	1.3	2.0	1.5
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.0	0.8	0.5	0.0	0.4	3.5
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe*	<i>Gallinago stenura/ G. megala</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.3	0.2	0.0	0.3	0.0	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Y	PRC	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.3	0.0	0.0	0.0	0.0	0.0
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	2.3	5.0	3.3	1.5	2.4	2.8

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.8	0.2	0.8	0.3	0.0	0.3
Emerald Dove	<i>Chalcophaps indica indica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Asian Koel	<i>Eudynamys scolopaceus</i>	N	-	0.0	0.0	0.3	0.0	0.8	0.5
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	N	-	0.0	0.0	0.0	V	0.4	0.5
Indian Cuckoo	<i>Cuculus micropterus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.3
Large Hawk-Cuckoo	<i>Hierococcyx sparveroides</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.3
Greater Coucal#	<i>Centropus sinensis</i>	N	-	1.0	0.0	0.3	1.5	1.2	2.3
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	N	-	0.0	0.0	0.0	V	0.4	0.3
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	0.0	0.0	V	0.5
Himalayan Swiftlet	<i>Aerodramus brevirostris</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0
House Swift	<i>Apus nipalensis</i>	N	-	0.0	1.6	0.0	0.5	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.0	0.5	1.3	1.2	0.0
Black-capped Kingfisher	<i>Halcyon pileata</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.0	V	1.0	0.5	0.0	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.3	1.8	1.3	0.8	1.0	0.8
Blue-tailed Bee-eater	<i>Merops philippinus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Sand Martin	<i>Riparia riparia</i>	Y	-	0.3	0.0	0.0	0.0	0.0	0.0
Barn Swallow	<i>Hirundo rustica</i>	N	-	10.0	12.2	2.0	20.3	10.6	8.5
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.4	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.0	1.2	2.5	1.8	3.2	5.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	0.0	0.2	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	2.0	2.4	11.5	2.3	2.6	1.0
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.8	0.4	0.8	0.5	1.4	1.3
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.3	1.0	0.5	0.5	0.2	0.0
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0
Buff-bellied Pipit	<i>Anthus rubescens</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	1.0	6.6	14.8	7.3	6.2	8.8
Light-vented Bulbul	<i>Pycnonotus sinensis</i>	N	-	3.0	6.0	26.3	16.0	17.8	6.3
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Cuckooshrike	<i>Lalage melaschistos</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Brown Shrike	<i>Lanius cristatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.0	0.8	0.0	1.3	1.2	0.5
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	1.3	0.8	0.8	0.3	1.2	2.3
Red-flanked Bluetail	<i>Tarsiger cyanurus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-	1.5	2.2	0.5	0.3	0.8	0.0
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-	1.8	2.8	0.5	1.8	0.4	0.3
Chinese Blackbird	<i>Turdus mandarinus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.3
Grey-backed thrush	<i>Turdus hortulorum</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-	4.8	5.0	1.8	6.0	4.4	4.5
Lanceolated Warbler	<i>Locustella lanceolata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.5	0.0	0.0	0.3	0.2	0.0
Thick-billed Warbler	<i>Acrocephalus aedon</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.5	0.0	0.0	0.0	0.0	0.0
Manchurian Bush Warbler	<i>Horornis canturians</i>	N	-	0.0	0.2	0.0	0.0	0.0	0.0
Common Tailorbird	<i>Orthotomus sutorius</i>	N	-	1.5	0.4	1.5	1.3	1.2	1.5
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-	8.0	7.4	5.5	7.0	5.4	4.0
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-	0.8	1.0	2.0	0.8	1.4	0.0
Pale-legged Leaf Warbler	<i>Phylloscopus tenellipes</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Sakhalin Leaf Warbler	<i>Phylloscopus borealoides</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Crowned Warbler	<i>Phylloscopus coronatus</i>	N	-	0.3	0.0	0.0	0.0	0.0	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.8	0.0	0.0	0.3	0.0	0.0
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-	2.5	3.2	1.5	5.0	3.8	7.3
Plain Prinia	<i>Prinia inornata</i>	N	-	1.3	1.0	1.5	1.8	2.4	3.3
Bluethroat	<i>Luscinia svecica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Amur Paradise Flycatcher	<i>Terpsiphone incei</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0
Grey-headed Canary-flycatcher	<i>Culicicapa ceylonensis</i>	N	LC	0.0	0.2	0.0	0.0	0.0	0.0
Japanese Paradise Flycatcher	<i>Terpsiphone atrocaudata</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	1.8	0.0	0.0	0.0	2.8	2.0
Cinereous Tit	<i>Parus cinereus</i>	N	-	1.3	1.4	1.0	2.5	1.0	29.5

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21
Japanese Tit	<i>Parus minor</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Swinhoe's White-eye	<i>Zosterops simplex</i>	N	-	2.0	2.6	4.5	5.0	5.0	5.0
Little Bunting	<i>Emberiza pusilla</i>	N	-	V	0.6	0.0	0.0	0.2	0.0
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-	0.3	0.4	0.8	0.8	1.6	0.3
Chinese Grosbeak	<i>Eophona migratoria</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	N	-	0.0	0.6	0.3	0.0	0.0	0.0
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-	2.3	3.8	4.3	0.0	0.6	0.5
White-headed Munia	<i>Lonchura maja</i>	N	-	V	0.0	0.0	0.0	0.0	0.0
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.5
Yellow-fronted Canary	<i>Crithagra mozambica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	1.0	0.0	0.0	0.0	0.0	0.0
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.5	0.0	0.0	0.0	0.0	0.0
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-	3.0	4.8	2.5	0.8	2.4	3.8
White- shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.8
Common Myna	<i>Acridotheres tristis</i>	N	-	0.5	0.0	0.0	0.0	0.2	0.0
Crested Myna	<i>Acridotheres crystallocephalus</i>	N	-	2.3	2.6	1.8	1.0	4.2	2.0
Great Myna	<i>Acridotheres grandis</i>	N	-	0.5	0.0	0.0	0.0	0.0	0.0
Black-naped Oriole	<i>Oriolus chinensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0
Black Drongo	<i>Dicrurus macrocerus</i>	N	-	0.0	0.0	0.3	0.0	0.0	0.3
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Azure-winged Magpie	<i>Cyanopica cyanus</i>	N	-	0.5	0.0	0.0	0.0	0.0	0.0
Oriental Magpie	<i>Pica serica</i>	N	-	0.0	0.4	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21
Red-billed Blue Magpie	<i>Urocissa erythrorhyncha</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	1.3	0.2	0.0	0.3	0.4	0.0

Note: Conservation Status follows that of Fellows et. al. (2002) 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)

^ Pintail Snip and Swinhoe's Snipe cannot be distinguished in field, conservation status refers to Swinhoe's Snipe.

V Indicates the species is recorded outside regular surveys.

DS Indicates species recorded during survey.

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

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is now not 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)

** The species name is updated as Cinereous Tit, *Parus cinereus*, since June 2017.

Updated species names used in the report include Eurasian Magpie (*Pica serica*) as Oriental Magpie (*Pica pica*), Japanese White-eye (*Zosterops japonica*) as Swinhoe's White-eye (*Zosterops simplex*), Chinese Bulbul (*Pycnonotus sinensis*) as Light-vented Bulbul (*Pycnonotus sinensis*) and Pale Martin (*Riparia diluta*) as Sand Martin (*Riparia riparia*)

C. Summary of Herpetofauna Monitoring, Mammals and Insect Surveys

Table C1: Summary of herpetofauna monitoring within the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Amphibians			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Asian Common Toad	<i>Bufo melanostictus</i>	-	0.0	0.0	0.0	0.0	7.0	4.5
Gunther's Frog	<i>Hylarana guentheri</i>	-	0.0	0.0	0.0	0.0	V	3.5
Paddy Frog	<i>Fejervarya limnocharis</i>	-	0.0	0.0	0.0	0.0	2.0	0.0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	0.0	0.0	0.0	0.0	1.0	1.0
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
No. of Species Recorded			0	0	0	0	4	4
Reptiles			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Red-eared Slider	<i>Trachemys scripta elegans</i>	-	0.0	0.0	0.0	0.0	1.0	V
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	0.0	0.0	0.0	0.0	8.0	12.5
Copperhead Racer	<i>Coelognathus radiatus</i>	PRC	0.0	V	0.0	0.0	0.0	0.0
Many-banded Krait	<i>Bungarus multicinctus multicinctus</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
No. of Species Recorded			0	1	0	0	2	3

(1) Conservation status follows that of Fellows that of Fellowes et al. (2002), Chan et al. (2005) and Karsen et al. (1998).

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

V Indicates the species is recorded outside regular surveys.

Table C2: Summary of herpetofauna monitoring in the WRA

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Amphibians			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Asian Common Toad	<i>Bufo melanostictus</i>	-	0.0	0.0	0.0	0.0	3.0	3.0
Gunther's Frog	<i>Hylarana guentheri</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
Ornate Pigmy Frog	<i>Microhyla ornate</i>	-	0.0	0.0	0.0	0.0	0.0	2.0
No. of Species Recorded			0	0	0	0	1	3
Reptiles			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Red-eared Slider	<i>Trachemys scripta elegans</i>	-	0.0	0.0	0.0	0.0	0.0	V
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	0.0	0.0	0.0	0.0	3.0	6.0
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	0.0	0.0	0.0	0.0	0.5	0.5
Reeve's Smooth Skink	<i>Scincella reevesii</i>	-	0.0	0.0	0.0	0.0	2.0	0.0
Common Blind Snake	<i>Indotyphlops braminus</i>	-	0.0	0.0	0.0	0.0	V	0.0
Common Rat Snake	<i>Ptyas mucosus</i>	-	0.0	0.0	0.0	0.0	V	V
Indo Chinese Rat Snake	<i>Ptyas korros</i>	-	0.0	0.0	0.0	0.0	V	0.0
Many-banded Krait	<i>Bungarus multicinctus multicinctus</i>	-	0.0	0.0	0.0	0.0	0.0	V
King Cobra	<i>Ophiophagus hannah</i>	PRC	0.0	0.0	0.0	0.0	0.0	V
No. of Species Recorded			0	0	0	0	6	6

(1) Conservation status follows that of Fellows that of Fellowes et al. (2002), Chan et al. (2005) and Karsen et al. (1998).

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

V Indicates the species is recorded outside regular surveys.

Table C3: Summary of mammal monitoring in the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status ⁽¹⁾			Max ⁽²⁾		
Mammal		Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
No records							
No. of Species Recorded		0	0	0	0	0	0

(1) Conservation status follows that of Fellows et al. (2002) and Shek (2006).

(2) Refers to the maximum number of individuals recorded in each month in the survey area (excluding WRA).

V Indicates the species is recorded outside regular surveys.

Table C4: Summary of mammal monitoring in the WRA

Common Name		Scientific Name		Conservation Status ⁽¹⁾		Max ⁽²⁾		
Mammal			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	0	0	2	0	0	0
Musk Shrew	<i>Suncus murinus</i>	LC	0	0	0	0	3	0
No. of Species Recorded		0	0	0	0	1	0	

(1) Conservation status follows that of Fellows et al. (2002) and Shek (2006).

(2) Refers to the maximum number of individuals recorded in each month at WRA.

V Indicates the species is recorded outside regular surveys.

Table C5: Summary of dragonfly and butterfly monitoring in the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Odonate			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Orange-tailed Sprite	<i>Ceragrion auranticum ryukyuenum</i>	-	0.0	0.0	0.0	0.0	0.0	4.0
Common Bluetail	<i>Ischnura senegalensis</i>	-	7.0	0.0	0.0	0.0	3.0	51.0
Yellow Featherlegs	<i>Copera marginipes</i>	-	0.0	0.0	0.0	0.0	5.0	1.0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	2.0	0.0	0.0	0.0	0.0	0.0
Regal Pond Cruiser	<i>Epopthalmia elegans</i>	-	1.0	0.0	0.0	0.0	0.0	0.0

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1.0	0.0	0.0	0.0	1.0	7.0
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1.0	0.0	0.0	0.0	0.0	0.5
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	16.0	0.0	0.0	0.0	0.0	2.5
Wandering Glider	<i>Pantala flavescens</i>	-	5.0	0.0	0.0	0.0	4.0	2.0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	11.0	0.0	0.0	0.0	0.0	4.0
Saddlebag Glider	<i>Tamea virginia</i>	-	4.0	0.0	0.0	0.0	0.0	0.5
No. of Species Recorded			10	0	0	0	4	9
Butterfly			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Plain Tiger	<i>Danaus chrysippus</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	3.0	0.0	0.0	0.0	0.0	0.0
Common Sailor	<i>Neptis hylas hylas</i>	-	0.0	0.0	0.0	0.0	1.0	0.0
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	2.0	0.0	0.0	0.0	0.0	0.0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	2.0	0.0	0.0	0.0	3.0	0.5
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	12.0	0.0	0.0	0.0	0.0	6.0
Tiny Grass Blue	<i>Zizula hylax</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Dark Cerulean	<i>Jamides bochus bochus</i>	-	2.0	0.0	0.0	0.0	0.0	0.0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	14.0	0.0	0.0	0.0	1.0	1.5
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	3.0	0.0	0.0	0.0	0.0	0.0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	0.0	0.0	0.0	0.0	41.0	8.0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	12.0	0.0	0.0	0.0	0.0	0.0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	0.0	0.0	0.0	0.0	0.0	2.0
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	-	0.0	0.0	0.0	0.0	1.0	0.0
Common Mime	<i>Chilasa clytia clytia</i>	-	0.0	0.0	0.0	0.0	1.0	0.0
Red Helen	<i>Papilio helenus</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Common Mormon	<i>Papilio polytes polytes</i>	-	2.0	0.0	0.0	0.0	0.0	2.5

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Great Mormon	<i>Papilio memnon agenor</i>	-	0.0	0.0	0.0	0.0	1.0	0.0
Indian Palm Bob	<i>Suastus gremius gremius</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
No. of Species Recorded			14	0	0	0	7	6

(1) Conservation status follows that of Fellows et al. (2002) and Shek (2006), Lo & Hui (2004), Wilson (2004) and Young & Yiu (2002).

(2) Refers to the mean number of individuals recorded in each month in the survey area (excluding the WRA)

Table C6: Summary of dragonfly and butterfly monitoring in the WRA

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Odonate			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	3.0	0.0	0.0	0.0	2.0	0.0
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuenum</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
Common Bluetail	<i>Ischnura senegalensis</i>	-	4.0	0.0	0.0	0.0	3.0	4.5
Blue Sprite	<i>Pseudagrion microcephalum</i>	LC	0.0	0.0	0.0	0.0	1.0	0.5
Yellow Featherlegs	<i>Copera marginipes</i>	-	1.0	0.0	0.0	0.0	0.0	0.5
Pale-spotted Emperor	<i>Anax guttatus</i>	-	0.0	0.0	0.0	0.0	V	0.0
Lesser Emperor	<i>Anax parthenope julius</i>	-	4.0	0.0	0.0	0.0	0.0	0.0
Dingy Dusk-hawker	<i>Gynacantha subinterrupta</i>	LC	0.0	0.0	0.0	0.0	V	0.0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	0.0	0.0	0.0	0.0	V	0.0
Regal Pond Cruiser	<i>Ephthalma elegans</i>	-	1.0	0.0	0.0	V	0.0	1.5
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	5.0	0.0	0.0	0.0	0.0	1.5
Asian Amberwing	<i>Brachythemis contaminata</i>	-	2.0	0.0	0.0	0.0	V	1.0
Crimson Darer	<i>Crocothemis servilia servilia</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
Pied Percher	<i>Neurothemis tullia tullia</i>	-	5.0	0.0	0.0	0.0	V	2.5
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	9.0	0.0	0.0	0.0	3.0	7.0
Wandering Glider	<i>Pantala flavescens</i>	-	6.0	0.0	0.0	0.0	1.0	3.0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0.0	0.0	0.0	0.0	1.0	0.0

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	9.0	0.0	0.0	0.0	V	6.5
Evening Skimmer	<i>Tholymis tillarga</i>	-	4.0	0.0	0.0	0.0	V	0.0
Saddlebag Glider	<i>Tramea virginia</i>	-	3.0	0.0	0.0	0.0	0.0	2.5
Scarlet Basker	<i>Urothemis signata signata</i>	LC	2.0	0.0	0.0	0.0	0.0	0.0
Dingy Dusk-darter	<i>Zyxomma petiolatum</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
No. of Species Recorded			14	0	0	1	13	14
Butterfly			Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	-	V	0.0	0.0	0.0	0.0	0.0
Blue-spotted Crow	<i>Euploea midamus midamus</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	7.0	0.0	0.0	0.0	0.0	0.0
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Angled Castor	<i>Ariadne ariadne atternus</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Common Duffer	<i>Discophora sondaica tulliana</i>	-	V	0.0	0.0	0.0	0.0	0.0
Dark Evening Brown	<i>Melanitis phedima muskata</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
Common Palmfly	<i>Elymnias hypermnestra hainana</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	5.0	0.0	0.0	0.0	5.0	1.0
South China Bush Brown	<i>Mycalesis zonata</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Common Five-ring	<i>Ypthima baldus baldus</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
Chocolate Royal	<i>Remelana jangala mudra</i>	-	0.0	0.0	0.0	0.0	V	0.0
Gram Blue	<i>Euchrysops cnejus</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Slate Flash	<i>Rapala manea</i>	-	1.0	0.0	0.0	0.0	V	0.0
Long-tailed Blue	<i>Lampides boeticus</i>	-	0.0	0.0	0.0	0.0	1.0	1.5
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	6.0	0.0	0.0	0.0	1.0	5.5
Lesser Grass Blue	<i>Zizina otis</i>	-	0.0	0.0	0.0	0.0	3.0	0.0
Tiny Grass Blue	<i>Zizula hylax</i>	-	5.0	0.0	0.0	0.0	0.0	3.0
Tailless Line Blue	<i>Prosotas dubiosa</i>	-	4.0	0.0	0.0	0.0	0.0	1.5
Dark Cerulean	<i>Jamides bochus bochus</i>	-	5.0	0.0	0.0	0.0	0.0	0.5

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Malayan	<i>Megisba malaya</i>	LC	V	0.0	0.0	0.0	0.0	0.0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	13.0	0.0	0.0	0.0	1.0	2.0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1.0	0.0	0.0	0.0	1.0	0.0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	0.0	0.0	0.0	0.0	8.0	5.0
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	5.0	0.0	0.0	0.0	1.0	0.0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	0.0	0.0	0.0	0.0	3.0	0.5
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	3.0	0.0	0.0	0.0	1.0	0.5
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	0.0	0.0	0.0	0.0	0.0	0.5
Common Mime	<i>Chilasa clytia clytia</i>	-	1.0	0.0	0.0	0.0	2.0	0.0
Red Helen	<i>Papilio helenus</i>	-	0.0	0.0	0.0	0.0	2.0	0.0
Common Mormon	<i>Papilio polytes polytes</i>	-	3.0	0.0	0.0	0.0	2.0	0.5
Spangle	<i>Papilio protenor</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Paris Peacock	<i>Papilio paris</i>	-	0.0	0.0	0.0	0.0	2.0	0.5
Common Awl	<i>Hasora badra badra</i>	LC	1.0	0.0	0.0	0.0	0.0	0.0
Bevan's Swift	<i>Pseudoborbo bevani</i>	-	0.0	0.0	0.0	0.0	V	0.0
Colon Swift	<i>Caltoris bromus</i>	-	0.0	0.0	0.0	0.0	V	0.0
Dark Swift	<i>Caltoris cahira</i>	-	1.0	0.0	0.0	0.0	V	0.5
Chinese Dart	<i>Potanthus confucius confucius</i>	-	0.0	0.0	0.0	0.0	1.0	0.0
Tree Flitter	<i>Hyarotis adrastus praba</i>	-	0.0	0.0	0.0	V	0.0	0.0
No. of Species Recorded			26	0	0	1	20	17

(1) Conservation status follows that of Fellowes et al. (2002), Lo & Hui (2004), Wilson (2004) and Young & Yiu (2002).

(2) Refers to the mean number of individuals recorded in each month in the survey area at WRA

D. Summary of Water Quality Monitoring

Table D1. Water quality at WRA

Nov 2020

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (10 Nov) (cm)	Water Level (24 Nov) (cm)
1	25.3	7.2	0.5	4.4	6.2	150	140
2	26.1	7.3	0.5	6.9	6.3	130	120
3	24.1	7.3	0.5	8.5	4.7	170	160
4	27.0	7.4	0.4	2.5	5.4	170	160

Dec 2020

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (8 Dec) (cm)	Water Level (22 Dec) (cm)
1	18.0	6.5	0.6	5.3	6.6	130	130
2	18.8	6.6	0.6	8.1	6.6	120	110
3	18.3	6.7	0.6	8.1	5.0	160	150
4	19.1	6.7	0.5	4.1	5.8	150	140

Jan 2021

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (12 Jan) (cm)	Water Level (26 Jan) (cm)
1	23.7	6.7	0.5	4.9	6.4	120	100
2	24.5	6.7	0.6	7.4	6.4	100	90
3	24.0	6.8	0.6	7.1	4.8	130	120

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (12 Jan) (cm)	Water Level (26 Jan) (cm)
4	24.8	6.8	0.5	3.8	5.6	130	120

Feb 2021

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (8 Feb) (cm)	Water Level (25 Feb) (cm)
1	23.1	7.1	0.8	10.4	7.1	90	70
2	23.9	7.2	0.9	16.1	7.1	70	60
3	23.4	7.3	0.9	12.3	5.8	110	100
4	24.2	7.3	0.8	6.6	6.3	110	90

Mar 2021

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (9 Mar) (cm)	Water Level (23 Mar) (cm)
1	24.0	7.5	0.9	13.4	6.6	60	60
2	24.8	7.6	1.0	12.7	6.4	60	50
3	24.3	7.7	1.0	13.1	5.5	90	80
4	25.1	7.9	0.9	5.2	5.8	80	80

Apr 2021

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (7 Apr) (cm)	Water Level (20 Apr) (cm)
1	28.4	8.0	0.7	14.9	9.0	40	40
2	29.6	7.8	0.8	6.5	8.3	40	30
3	30.2	8.0	0.8	4.9	8.0	70	70
4	30.5	7.9	0.7	8.2	7.8	60	50

Action / Limit Level	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (cm)
Action Level	-	<6.5 or >8.0	>2	-	<2	<150 or >250
Limit Level	-	<6.0 or >8.5	>5	-	<1	-

Notes: Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underlined** indicate that limit level is reached
Additional water level monitoring was conducted

Table D2. Water quality monitoring (Laboratory Testing) at WRA

Apr 2021

Monitoring Location	Ammonia-N (mg/L)	NOx-N (mg/L)	Total P (mg/L)	Reactive P (mg/L)	BOD (mg/L)
Cell 1-1	0.03	0.02	0.05	<0.01	<2
Cell 1-2	0.02	0.02	0.05	<0.01	<2
Cell 1-3	0.02	0.02	0.05	<0.01	<2
Cell 2-1	0.03	0.02	0.04	<0.01	<2
Cell 2-2	0.03	0.01	0.05	<0.01	<2
Cell 2-3	0.03	0.01	0.06	<0.01	<2
Cell 3-1	0.03	0.02	0.04	<0.01	<2
Cell 3-2	0.03	0.02	0.04	<0.01	<2
Cell 3-3	0.03	0.02	0.04	<0.01	<2
Cell 4-1	0.04	0.02	0.05	<0.01	<2
Cell 4-2	0.04	0.01	0.05	<0.01	<2
Cell 4-3	0.04	0.02	0.06	<0.01	<2
Action Level	>3	>5	>5	-	-
Limit Level	>6	>10	>10	-	-

Note: Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underlined** indicate that limit level is reached.
The additional in situ water quality monitoring was carried out on 21 April 2021.