



Proposed Comprehensive Development at Wo Shang Wai, Yuen Long

Bi-annual Report on EM&A Results on Ecological
Aspects for May 2022 to October 2022 (Rev B)

15 February 2023

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Limited

Proposed Comprehensive Development at Wo Shang Wai, Yuen Long

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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 May 2022 to October 2022 has been reviewed, certified by Environmental Team Leader (ETL) and verified by the Independent Environmental Checker (IEC).

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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, associated infrastructure, 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 (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 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.

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 25th Biannual EM&A report and it summarises the findings on EM&A results of ecological aspects during the period from 1 May 2022 to 31 October 2022. This report documents surveys and management activities conducted in the Survey Area and WRA from 1 May 2022 to 31 October 2022, which is based on ecological surveys and advice on management undertaken and provided by the appointed Non-Government Organisation (Eco-Institute) during the reporting period.

1.2 Survey Area

Surveys were conducted within 500m of the Project area. The WRA has been 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, summarised 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

Source: Extract from Table 7-1 of the Proposed Comprehensive Development at Wo Shang Wai, Yuen Long EM&A Manual (March 2008)

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 requirements 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 reporting period. A total of 64 bird species were recorded in the Survey Area (excluding the WRA) in the survey period (i.e. May 2022 to October 2022), 31 of which were species of conservation importance and/or wetland-dependence. A summary of survey data is provided in **Appendix B**.

A total of 76 species were recorded in the WRA during the survey period, 31 of which were species of conservation importance and/or wetland-dependent species. All three target species¹ were recorded in the WRA during regular surveys.

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*), Great Egret (*Ardea alba*), Intermediate Egret (*Egretta intermedia*), Little Egret (*Egretta garzetta*), Eastern Cattle Egret (*Bubulcus coromandus*), Chinese Pond Heron (*Ardeola bacchus*), Yellow Bittern (*Ixobrychus sinensis*), Black-crowned Night Heron (*Nycticorax nycticorax*), Black-winged Kite (*Elanus caeruleus*), Black Kite (*Milvus migrans*), Eurasian Hobby (*Falco Subbuteo*), Black-winged Stilt (*Himantopus himantopus*), Little Ringed Plover (*Charadrius dubius*), Pied Kingfisher (*Ceryle rudis*), White-throated Kingfisher (*Halcyon smyrnensis*), Zitting Cisticola (*Cisticola juncidis*), White-shouldered Starling (*Sturnia sinensis*) and Collared Crow (*Corvus torquatus*). Little Grebe, Eastern Cattle Egret, Yellow Bittern, Black-crowned Night Heron, Black-winged Kite, Eurasian Hobby, Little Ringed Plover, Pied Kingfisher, White-throated Kingfisher, Zitting Cisticola, 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 and Chinese Pond Heron are listed by Fellowes et al. (2002) as of “Potential Regional Concern”. Intermediate Egret, Black Kite and Black-winged Stilt are listed by Fellowes et al. (2002) as of “Regional Concern”. Collared Crow is also listed as “Near Threatened” (NT) 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*), Greater Coucal (*Centropus sinensis*) and Asian Barred Owlet (*Glaucidium cuculoides*) which are protected under terrestrial wildlife state protection (Category

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*.

II). Greater Coucal is also listed as vulnerable (VU) in the China Red Data Book. Survey findings indicate that the WRA not only provides an important habitat for wetland-dependence birds but also for 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 (with 31 bird species of conservation importance and/or wetland-dependence recorded during the survey period). Nevertheless, 31 bird species of conservation importance and /or wetland dependence were also observed using the site within the WRA during the survey period, including some bird species which are highly sensitive to disturbance. The WRA is therefore considered to be effective both in acting as a buffer against potential disturbance and impact 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 May, June, July, August, September and October 2022. Night-time herpetofauna surveys were conducted once a month in May, June, July and August 2022. Further, notable herpetofauna observations during other surveys were also recorded.

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

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

2.4 Monitoring of Dragonfly and Butterflies

Monitoring of dragonflies and butterflies was conducted twice a month in May, June, July and August 2022, and once a month in September and October 2022. Further, notable dragonflies and butterfly observations during other surveys, site inspections and habitat management works were recorded.

A total of 19 dragonfly species and 27 butterfly species were recorded in the Survey Area (excluding WRA) during the reporting period. Within the WRA, a higher diversity of dragonfly species (30 species) and butterfly species (54 species) were recorded.

Among the odonate species recorded in the WRA during the survey period, Blue Sprite (*Pseudagrion microcephalum*), Dingy Dusk-hawker (*Gynacantha subinterrupta*), Coastal Glider (*Macrodiplax cora*), Ruby Darter (*Rhodothermis rufa*) and Scarlet Basker (*Urothemis signata signata*) are listed by Fellowes *et al.* (2002) as of 'Local Concern'. Mangrove Skimmer (*Orthetrum poecilops*) is listed by Fellowes *et al.* (2002) as of 'Global Concern' and is also listed as "Vulnerable" (VU) species on the IUCN list. Among the butterfly species recorded in the WRA during the survey period, Danaid Egg-fly (*Hypolimnys misippus*), Common Awl (*Hasora badra badra*) and Pale Palm Dart (*Telicota colon*) are listed by Fellowes *et al.* (2002) as of 'Local Concern'.

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. Further, notable mammals observed during site inspections and habitat management works were also recorded.

Two mammal species, Short-nosed Fruit Bat (*Cynopterus sphinx*) and Japanese Pipistrelle (*Pipistrellus abramus*), were recorded in the Survey Area (excluding WRA) during the reporting period and five mammal species were recorded within the WRA during the reporting period.

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. Water level of all Cells had been maintained to suppress weed growth along the edges of the cells, as well as to maintain a suitable habitat for fish, aquatic invertebrate and water plants which will provide food and habitat for wetland birds.

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 emergency vehicular access (EVA). These activities primarily involved removal of excess grass and sedges, shrubs and tree branches, as well as excessive climbers and floating vegetation. Removal of vegetation included and was not limited to *Ludwigia* spp., *Leucaena leucocephala*, *Macaranga tanarius*, *Ficus macrocarpa*, *Rhaphiolepis indica*, *Lantana camara*, *Mimosa* sp., *Pennisetum* sp., *Ipomea* sp., *Bidens alba*, *Paederia foetida* and *Mikania micrantha*. (See Photos 1 to 3)

Photo 1

Branch trimming along the EVA



Photo 2 **Clearance of exotic climbers in Cell 4**



Photo 3 **Weeding at Cell 1**



3.2 **Wildlife Management**

Golden Apple Snails and their eggs were removed on an “as-seen” basis. (See Photo 4)

Red Imported Fire Ant nests were located during site inspection and weeding works. These nests will be treated with approved pesticides in the coming months during dry season, and the pesticide usages will only be confined to the nests found on terrestrial area which were further away from the Cells to prevent the contamination of water.

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 (See Photo 5).

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

Photo 4 Clearance of apple snails and their eggs



Photo 5 Clearance of floating vegetation



4 Summary of Wetland Restoration Area Performance

4.1 Summary of Findings

Ecological monitoring between 1 May 2022 to 31 October 2022 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 May 2022 and October 2022 (**Table 4.1**):

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

Species	Number of species recorded in Survey Area (excluding WRA)	Number of species recorded in WRA
Birds (total)	64	76
Birds (of conservation importance and/or wetland-dependence)	31	31
Amphibians	7	7
Reptiles	4	9
Mammals	2	5
Dragonflies	19	30
Butterflies	27	54

A total of 76 bird species, 5 mammal species, 30 dragonfly species, 54 butterfly species, 7 amphibian species and 9 reptile species were recorded in the WRA, including 31 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 could promote dragonflies and butterflies in using the WRA.

Venn diagrams showing the number of common species and species only found in the WRA or Survey Area (excluding the WRA) are presented in Appendix B and Appendix C. An ecological connection between the WRA and Survey Area (excluding the WRA) is observed given the number of common species attracted to both areas. Particularly for birds, 56 common species were recorded within both the WRA and Survey Area (excluding the WRA) during the reporting period (see Appendix B, Chart B1). The WRA attracts a higher number of species (i.e., 5 reptiles, 3 mammals, 12 dragonflies and 29 butterflies recorded only in the WRA), indicating that ecological restoration can enhance biodiversity (see Appendix C, Charts C2 to C5). From the species only recorded in the WRA, 2 reptiles (Checkered Keelback and Chinese Cobra), 1 dragonfly (Blue Sprite) and 3 butterflies (Common Awl, Danaid Eggfly and Pale Palm Dart) were of conservation importance and/or wetland-dependence.

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. May 2022 to October 2022), Chinese Pond Heron was recorded on nearly a weekly basis, with monthly means ranging from 2.5 (July and September 2022) to 7.8 (October 2022) birds per survey. Little Egret was recorded in all months between May 2022 and October 2022, with monthly means ranging from 1.0 (July 2022) to 4.5 (May 2022) birds. Eastern Cattle Egret was least attracted to the site. Out of the 26 regular bird surveys, Eastern Cattle Egret was

recorded twice in August 2022 (mean 0.6 bird per survey), once in September 2022 (mean 0.5 bird per survey) and twice in October 2022 (mean 0.5 bird per survey).

A list of the bird species recorded within the WRA since the completion of the site formation is provided in **Appendix B (Tables B4 to B9)**. A total of 161 bird species have been recorded within the WRA since the completion of the site formation in November 2010. Of the 161 species, 90 were species of conservation importance and/or wetland dependence.

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 is 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: 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).

All three target species (i.e. Little Egret, Eastern Cattle Egret and Chinese Pond Heron) were recorded using the WRA during the survey period (May 2022 to October 2022). Among them, Little Egret and Chinese Pond Heron was recorded in all six months during regular surveys.

Table 4.2: Biannual mean & Annual mean of the three target species of the WRA from May 2021 to October 2022

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Baseline Annual Mean ⁽²⁾	Biannual Mean ⁽³⁾			Annual Mean ⁽³⁾	
				May 21- Oct 21	Nov 21- Apr 22	May 22 - Oct 22	Nov 20- Oct 21	Nov 21- Oct 22
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC, (RC)	1.3	3.7	1.7	3.9	2.7	2.8
Little Egret	<i>Egretta garzetta</i>	PRC, (RC)	5.5	2.1	1.5	2.2	1.8	1.9
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)	1.3	0.3	0.2	0.3	0.2	0.2

Notes:

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

Based on **Table 4.2** above, the target level of the Chinese Pond Heron has been achieved between May 2022 to October 2022, while the target levels 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 9 out of 26 regular surveys and the biannual mean of the Eastern Cattle Egret at the Survey Area (excluding the WRA) is 3.6 bird per survey (May 2022 – October 2022).

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. Apart from short grassland habitat, most other habitats within the WRA are not typical foraging habitats for Eastern Cattle Egret. 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 insects and Eastern Cattle Egrets.

Although the biannual mean of Little Egret did not meet the target level, the species was recorded in 19 out of 26 regular surveys within the WRA. The highest count in this period was 4 birds in Cell 2 on 13 September 2022.

Although the target level for Eastern Cattle Egret has not been achieved between May 2022 and October 2022, the WRA continues to attract wetland dependent birds and/or species of conservation importance, as well as terrestrial birds of conservation importance.

The biannual change of bird species number and composition since the WRA establishment in Oct 2012 is presented in **Table 4.3**, 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 4.3: Total number of bird species of conservation importance and/or wetland-dependence recorded in the WRA from November 2010 to October 2022

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 - Oct 21	Nov 21 - Oct 22
Bird species of conservation importance and/ or wetland-dependence	48	33	36	39	45	46	46	42	34	52	51	47

4.3 Adaptive Management for 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) Controlling the water level; 2) Controlling the vegetation; and 3) Removal of Red Imported Fire Ant nests have been taken in the WRA during the survey period to increase the WRA utilization by birds, especially for the three target species of the WRA. The mitigation actions will be continued in the WRA, and monitoring will be carried out 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 May 2022 and October 2022 is shown in **Table 4.4**. 14 additional species of conservation importance and/or wetland-dependence have been recorded in the WRA when compared to the Baseline Ecological Monitoring. The increase in number of the species of conservation importance indicates that the WRA is providing a suitable habitat for them.

Table 4.4: Mean number of bird species of conservation importance and/or wetland-dependence in the WRA during reporting period

Common Name	Scientific Name ⁽¹⁾	Wetland Dependence	Conservation Status ⁽²⁾	Annual mean number recorded during the Baseline Ecological Monitoring	Mean number recorded between May 2022 - Oct 2022 ⁽³⁾
Little Grebe	Tachybaptus ruficollis	Y	LC	0.0	0.7
Great Cormorant	Phalacrocorax carbo	Y	PRC	0.5	0.2
Grey Heron	Ardea cinerea	Y	PRC	0.1	0.4
Great Egret	Ardea alba	Y	PRC, (RC)	V	1.5
Intermediate Egret	Egretta intermedia	Y	RC	0.0	0.1
Little Egret	Egretta garzetta	Y	PRC, (RC)	5.5	2.2
Eastern Cattle Egret	Bubulcus coromandus	Y	(LC)	1.3	0.3
Chinese Pond Heron	Ardeola bacchus	Y	PRC, (RC)	1.3	3.9
Yellow Bittern	Ixobrychus sinensis	Y	(LC)	0.0	0.9
Black-crowned Night Heron	Nycticorax nycticorax	Y	(LC)	0.2	4.1
Black-winged Kite	Elanus caeruleus	Y	Class II, LC	0.0	<0.1
Black Kite	Milvus migrans	Y	Class II, (RC)	1.2	0.8
Eastern Buzzard	Buteo japonicus	Y	Class II	0.0	<0.1
Eurasian Hobby	Falco subbuteo	Y	Class II, (LC)	0.0	<0.1
White-breasted Waterhen	Amaurornis phoenicurus	Y	-	0.2	1.3
Common Moorhen	Gallinula chloropus	Y	-	0.0	0.7
Black-winged Stilt	Himantopus himantopus	Y	RC	0.0	V
Little Ringed Plover	Charadrius dubius	Y	(LC)	0.1	0.1
Common Sandpiper	Actitis hypoleucos	Y	-	0.2	0.4
Common Snipe	Gallinago gallinago	Y	-	0.1	<0.1
White-winged Tern	Chlidonias leucopterus	Y	-	0.0	<0.1
Pied Kingfisher	Ceryle rudis	Y	(LC)	0.0	0.4
White-throated Kingfisher	Halcyon smyrnensis	Y	Class II, (LC)	0.0	0.2
Common Kingfisher	Alcedo atthis	Y	-	0.0	1.0
Eastern Yellow Wagtail	Motacilla tschutschensis	Y	-	10.0	0.3
White Wagtail	Motacilla alba	Y	-	0.9	1.6
Oriental Reed Warbler	Acrocephalus orientalis	Y	-	0.1	0.1

Common Name	Scientific Name ⁽¹⁾	Wetland Dependence	Conservation Status ⁽²⁾	Annual mean number recorded during the Baseline Ecological Monitoring	Mean number recorded between May 2022 - Oct 2022 ⁽³⁾
Black-browed Reed Warbler	Acrocephalus bistrigiceps	Y	-	0.0	0.1
Zitting Cisticola	Cisticola juncidis	Y	LC	0.1	<0.1
White-shouldered Starling	Sturnia sinensis	Y	(LC)	0.1	0.9
Collared Crow	Corvus torquatus	Y	LC, NT	0.0	0.3

Notes:
 (1) Follows the List of Hong Kong Birds (ver. 2020-03-10)
 (2) Conservation status follows that of Fellowes *et al.* (2002) and BirdLife International listing (2017). Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes *et al.* 2002)
 (3) Refers to the mean number of individuals recorded between May 2022 – Oct 2022 in the WRA
 V indicates the species is recorded outside regular surveys

4.4 Conclusions

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 survey data shows that when compared with the surrounding fishponds which cover a much larger area, the WRA attracts a good number of wetland dependent birds or species of conservation importance, with 31 bird species of conservation importance and/or wetland-dependence recorded during the survey period. A significantly higher diversity of dragonfly and butterfly species were also observed within the WRA between May 2022 to October 2022.

The WRA is attracting all of the three target species (Little Egret, Eastern Cattle Egret and Chinese Pond Heron) identified during the EIA process, to varying degrees. Even though the target level for Little Egret was not met, the species was recorded in 19 out of 26 regular surveys within the WRA during the survey period. Although the Eastern Cattle Egret was least attracted to the site, the WRA continues to attract wetland dependent birds and/or species of conservation importance and terrestrial birds of conservation importance. It is noted that 90 bird species of conservation importance and/or wetland dependence (out of 161 bird species) have been recorded within the WRA since the completion of its site formation.

The site is therefore considered to have achieved 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.

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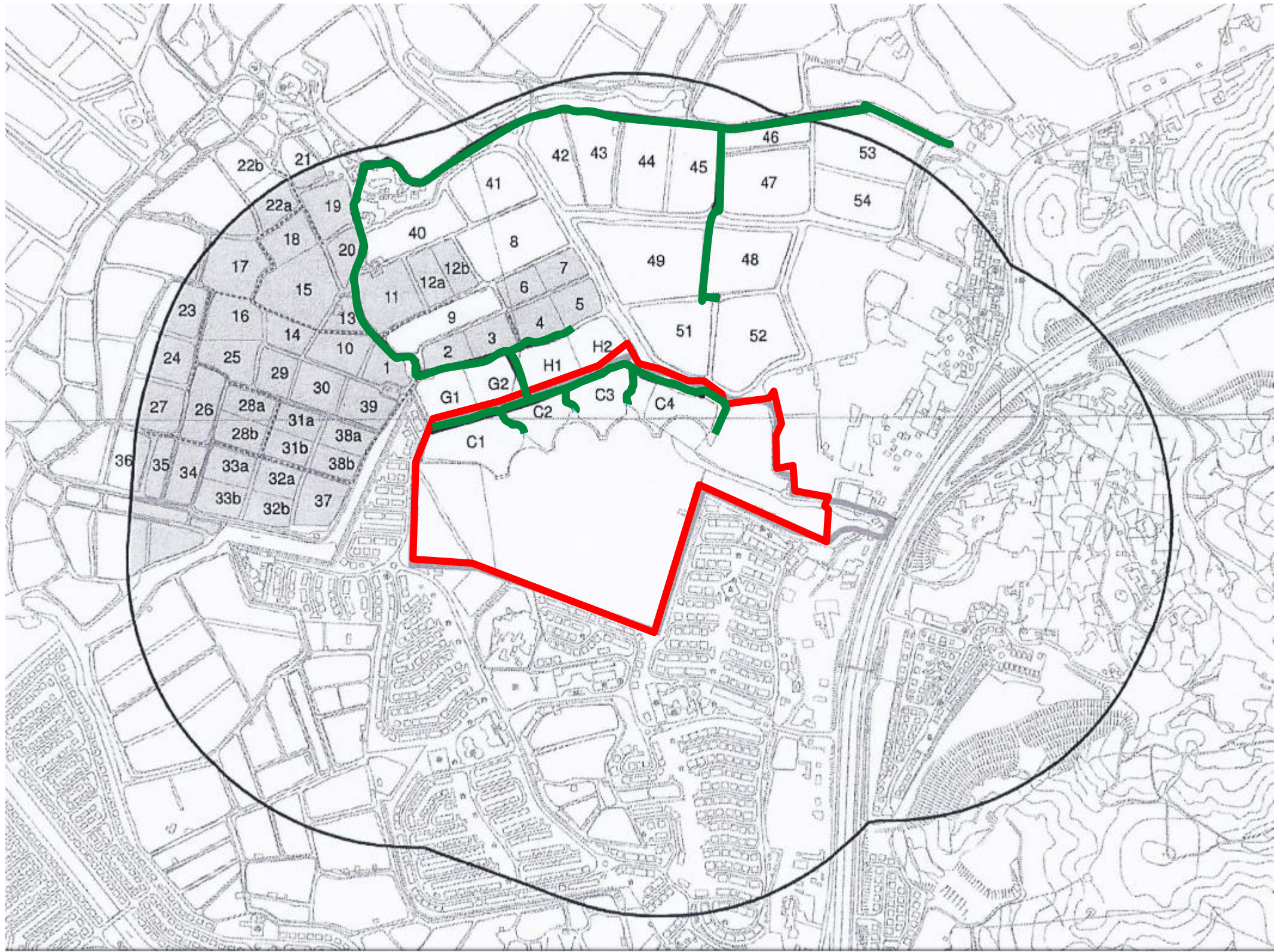
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Figures



Notes

Key to symbols

- Project Area
- Assessment Area
- Transect

Reference drawings

Rev	Date	Drawn	Description	Ch'k'd	App'd

M M
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Project

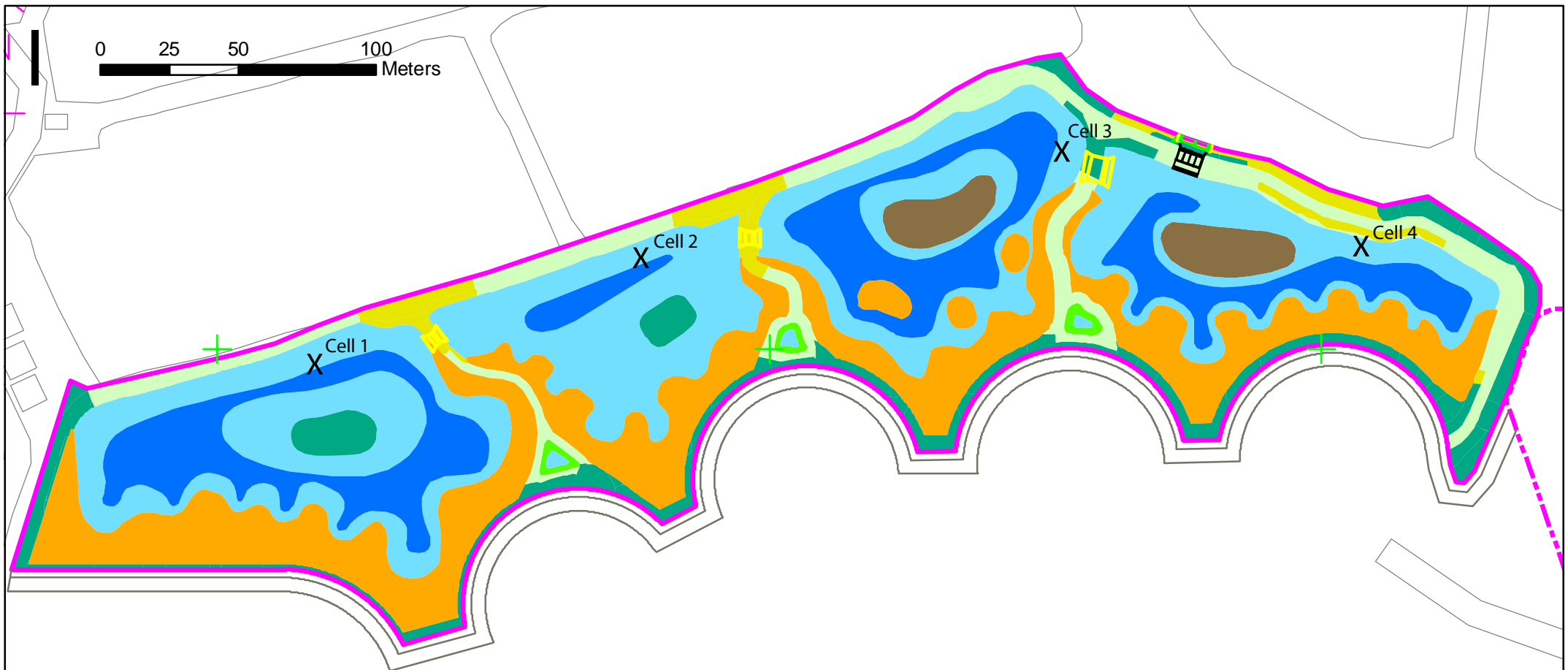
**PROPOSED COMPREHENSIVE DEVELOPMENT
AT WO SHANG WAI, YUEN LONG**

Title

**Survey Area and Transect
Walked**

Designed		Eng check	
Drawn		Coordination	
Dwg check		Approved	
Scale at A1	Status		Rev

Drawing Number **Figure 1.1**



Asia Ecological Consultants Ltd.

Figure 1.2 Water Quality Monitoring Locations for Ecological Monitoring

Project No.: 08/266/132

Prepared by EW








Version No.: 2.0

Checked by SL

Scale 1:2,000 on A4

Date: 04 Nov 2009

X Water Quality Monitoring Locations

- | | |
|---|--|
|  Short Grass |  Open Water >1.5m |
|  Tall Grass/Shrubs |  Marsh |
|  Tall Trees and Shrubs |  Reeds |
|  Open Water <1.5m |  Unvegetated |

Appendices

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A. Schedule of Ecological Monitoring

May 2022	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						✓			✓								✓		✓					✓		✓					✓
Jun 2022	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)									✓(n)						
Dragonflies & butterflies															✓					✓											
Water Quality															✓+																+
Inspection Visits		✓						✓							✓					✓											✓
Vegetation and Exotic Species Control		✓											✓				✓				✓		✓				✓	✓			

Jul 2022	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								✓	✓			✓	✓						✓	✓					✓		✓						
Aug 2022	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																		✓													✓		

Sep 2022	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			✓												✓														✓	

Oct 2022	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)												
Dragonflies & butterflies						✓																									
Water Quality					+									✓e															+		
Inspection Visits					✓						✓								✓									✓			
Vegetation and Exotic Species Control																								✓	✓						

Notes: Light grey cells indicate public holidays, Saturdays or Sundays
 ✓ Indicates corresponding works
 + Water level monitoring
 # Additional pH measurement
 e Ex-situ laboratory testing
 "d" and "n" indicate day-time and night-time herpetofauna surveys respectively

B. Summary of Bird Surveys

Table B1: 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 B2: Summary of bird monitoring data (for species of conservation importance and/or wetland-dependence) within the Survey Area (excluding the WRA)

Common Name	Scientific Name ⁽¹⁾	Wetland Dependent	Conservation Status ⁽²⁾	May 2022 Mean ⁽³⁾	Jun 2022 Mean ⁽³⁾	Jul 2022 Mean ⁽³⁾	Aug 2022 Mean ⁽³⁾	Sep 2022 Mean ⁽³⁾	Oct 2022 Mean ⁽³⁾
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	12.5	15.4	11.5	8.8	8.0	13.5
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.0	0.0	0.0	0.0	1.5	11.3
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	0.3	0.4	0.5	4.8	7.0	8.0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	9.8	14.0	8.3	17.8	17.0	10.5
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.3	0.0	0.0	0.2	0.3	0.0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	23.3	24.8	20.8	21.8	22.8	15.3
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	0.0	2.6	12.8	7.5
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	13.0	16.8	18.5	20.6	24.8	20.0
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.3	1.0	0.5	0.6	1.0	0.8
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	4.0	5.8	5.5	7.0	4.8	1.0
Black Kite#	<i>Milvus migrans</i>	Y	Class II, (RC)	0.8	1.0	3.3	1.4	2.5	3.5
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	4.8	6.4	2.3	3.2	3.3	0.8
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0.0	0.8	0.3	0.8	0.5	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	3.0	3.2	1.0	1.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.5	0.0	0.0	0.0	0.0	0.5
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.5	0.0	0.0	0.0	0.0	0.0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	1.0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.5	0.0	1.5	1.8	3.3	1.8

Common Name	Scientific Name ⁽¹⁾	Wetland Dependent	Conservation Status ⁽²⁾	May 2022 Mean ⁽³⁾	Jun 2022 Mean ⁽³⁾	Jul 2022 Mean ⁽³⁾	Aug 2022 Mean ⁽³⁾	Sep 2022 Mean ⁽³⁾	Oct 2022 Mean ⁽³⁾
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	4.8	0.0	0.0	0.0	0.0	0.5
White-winged Tern	<i>Chlidonias leucopterus</i>	Y	-	6.5	0.0	0.0	0.0	0.0	0.0
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.5	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.5	0.8	1.0	1.0	0.3	2.3
White-throated Kingfisher#	<i>Halcyon smyrnensis</i>	Y	Class II, (LC)	0.0	0.2	0.0	0.8	0.5	0.5
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	1.0	2.2	1.5	2.2	2.3	4.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.3	0.0	0.0	0.0	0.3	2.0
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	0.2	0.0	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	5.5	6.2	8.8	7.8	6.8	8.8
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.0	0.0	0.0	0.0	0.3	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	0.0	0.0	0.0	0.5	0.0
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	6.0	7.6	3.5	1.6	3.8	1.0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.5	1.8	2.3	1.4	1.0	0.8
No. of Species Recorded				23	17	17	21	23	22

Notes:

- (1) Follows the List of Hong Kong Birds (ver. 2020-03-10)
- (2) Conservation status follows that of Fellowes et al. (2002) and BirdLife International listing (2017). See **Table B1** for the description of the codes. 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)
- (3) Refers to the mean number of individuals recorded in each survey in the Survey Area (excluding the WRA)
- (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
- (5) 'V' indicates the species is recorded outside regular surveys

Table B3: Summary of bird monitoring data (for species of conservation importance and/or wetland-dependence) in the WRA

Common Name	Scientific Name ⁽¹⁾	Wetland Dependent	Conservation Status ⁽²⁾	May 2022 Mean ⁽³⁾	Jun 2022 Mean ⁽³⁾	Jul 2022 Mean ⁽³⁾	Aug 2022 Mean ⁽³⁾	Sep 2022 Mean ⁽³⁾	Oct 2022 Mean ⁽³⁾
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	V	0.0	0.3	1.0	0.8	2.0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.0	0.0	0.0	0.0	0.3	1.3
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	0.3	0.4	0.0	0.6	0.8	0.5
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	0.8	2.2	0.8	1.4	2.0	1.5
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.3	0.0	0.0	0.0	0.0	0.5
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	4.5	1.2	1.0	2.4	2.3	2.3
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	0.0	0.6	0.5	0.5
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	3.0	2.8	2.5	5.0	2.5	7.8
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.0	0.2	0.3	2.0	1.5	1.3
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	1.8	5.4	3.8	6.0	4.3	2.5
Black-winged Kite#	<i>Elanus caeruleus</i>	Y	Class II, LC	0.0	0.0	0.3	0.0	0.0	V
Black Kite#	<i>Milvus migrans</i>	Y	Class II, (RC)	0.3	0.8	0.5	0.6	0.8	2.0
Eastern Buzzard#	<i>Buteo japonicus</i>	Y	Class II	0.0	0.0	0.0	0.0	0.0	0.3
Eurasian Hobby#	<i>Falco subbuteo</i>	Y	Class II, (LC)	0.0	0.0	0.0	V	0.3	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	2.3	1.6	1.8	0.2	1.5	1.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0.3	0.8	0.3	1.6	0.8	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	V	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	0.8
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.3	0.0	0.3	0.8	0.8	0.3
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	0.0	0.0	V	0.3
White-winged Tern	<i>Chlidonias leucopterus</i>	Y	-	0.3	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.3	0.4	0.8	0.4	0.5	0.3
White-throated Kingfisher#	<i>Halcyon smyrnensis</i>	Y	Class II, (LC)	0.3	0.0	0.3	0.2	0.3	0.5
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.3	1.6	1.5	1.2	1.0	0.5
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.8	0.0	0.0	0.2	0.3	0.5

Common Name	Scientific Name ⁽¹⁾	Wetland Dependent	Conservation Status ⁽²⁾	May 2022 Mean ⁽³⁾	Jun 2022 Mean ⁽³⁾	Jul 2022 Mean ⁽³⁾	Aug 2022 Mean ⁽³⁾	Sep 2022 Mean ⁽³⁾	Oct 2022 Mean ⁽³⁾
White Wagtail	<i>Motacilla alba</i>	Y	-	1.3	0.8	1.8	1.2	2.3	2.8
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.0	0.0	0.0	0.0	0.5	0.0
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.0	0.0	0.0	0.0	0.3	0.3
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	0.0	0.0	0.0	0.3	0.0
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	1.6	1.8	1.2	0.5	0.0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.0	0.2	1.3	0.4	0.3	0.0
No. of Species Recorded				18	14	17	20	25	23

Notes:

- (1) Follows the List of Hong Kong Birds (ver. 2020-03-10)
- (2) Conservation status follows that of Fellows et al. (2002) and BirdLife international listing (2017). See **Table B1** for the description of the codes. 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).
- (3) Refers to mean number of individuals recorded in each survey in the WRA.
- (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
- (5) 'V' indicates the species is recorded outside regular surveys

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	Tachybaptus ruficollis	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	Phalacrocorax carbo	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	Ardea cinerea	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	Ardea purpurea	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	Ardea alba	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	Egretta intermedia	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	Egretta garzetta	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	Bubulcus coromandus	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	Ardeola bacchus	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	Ixobrychus sinensis	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	Ixobrychus cinnamomeus	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
Great Bittern	Botaurus stellaris	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
Black-crowned Night Heron	Nycticorax nycticorax	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 Stork	Ciconia nigra	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
Eurasian Spoonbill	Platalea leucorodia	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	Platalea minor	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	Aix galericulata	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	Anas penelope	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	Anas crecca	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	Anas acuta	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	Anas clypeata	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
Garganey	Anas querquedula	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
Tufted Duck	Aythya fuligula	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
Western Osprey	Pandion haliaetus	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

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
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	0.0	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
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 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	0.0	0.0
White-breasted Waterhen	<i>Amauornis 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	0.4	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	0.5	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
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	0.2	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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
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	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

Common name	Scientific name	Wetland Conservation Dependence	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
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	0.0	0.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.9
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
White-winged Tern	<i>Chlidonias leucopterus</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
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	0.0	DS	0.0	DS	DS	0.0	DS	0.0	0.0	DS	0.0	0.6
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
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	0.0	0.0	0.0	0.0	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

Common name	Scientific name	Wetland Conservation Dependence	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
Greater Coucal#	Centropus sinensis	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
Indian Cuckoo	Cuculus Micropterus	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
Large Hawk-Cuckoo	Hierococcyx sparveriioides	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
Plaintive Cuckoo	Cacomantis merulinus	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	Bubo bubo	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
Asian Barred Owlet	Glaucidium cuculoides	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
Savanna Nightjar	Caprimulgus affinis	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
Himalayan Swiftlet	Aerodramus brevirostris	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	Apus pacificus	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	Apus nipalensis	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	0.0	DS	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	Ceryle rudis	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	0.0	0.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Common Kingfisher	Alcedo atthis	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	Halcyon smyrnensis	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Eurasian Hoopoe	Upupa epops	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	Hirundo rustica	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	0.0	DS	DS	0.0	DS	0.0	DS	DS	3.0	0.0
Red-rumped Swallow	Hirundo daurica	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
Sand Martin	Riparia riparia	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
Eastern Yellow Wagtail	Motacilla tschutschensis	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	Motacilla cinerea	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	0.0
White Wagtail	Motacilla alba	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	DS	DS	DS	DS	DS	0.0	0.0	0.0	DS	1.8	3.2	
Richard's Pipit	Anthus richardi	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	0.0
Olive-backed Pipit	Anthus hodgsoni	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	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	Anthus cervinus	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	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.7
Buff-bellied Pipit	Anthus rubescens	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	0.0

Common name	Scientific name	Wetland Conservation Dependence	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	
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	0.0	
Light-vented 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	0.0	DS	0.0	DS	0.0	DS	0.0	0.0	0.0	
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	0.0	0.0	0.0	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	0.0	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	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	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	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	0.0	DS	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	
Chinese Blackbird	<i>Turdus mandarinus</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	
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	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	0.0	DS	0.0	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	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	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	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	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	0.0	
Manchurian Bush Warbler	<i>Horornis canturians</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	

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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
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
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	0.0	0.0	0.0
Eastern Crowned Warbler	<i>Phylloscopus coronatus</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
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	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	0.0	0.2	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	DS	0.0	DS	0.0	DS	DS	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</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
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	0.0	0.0
Yellow-rumped Flycatcher	<i>Ficedula zanthopygia</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
Grey-headed Canary-Flycatcher	<i>Culicicapa ceylonensis</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
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1.2	0.2	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	0.0	0.0	0.0	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 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Swinhoe's White-eye	<i>Zosterops simplex</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

Common name	Scientific name	Wetland Conservation Dependence	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
Fork-tailed Sunbird	<i>Aethopyga christinae</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
White-headed Munia	<i>Lonchura maja</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
Chestnut Munia	<i>Lonchura atricapilla</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 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
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	0.0	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
Great Myna	<i>Acridotheres grandis</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
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	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>Dicurus 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	0.0	DS	DS	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	0.0	0.0	0.0	0.0	0.0	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 Magpie	<i>Pica serica</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

Common name	Scientific name	Wetland Conservation 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
Collared Crow	Corvus torquatus	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

Notes:

- (1) Conservation Status follows that of Fellows et. al. (2002) and BirdLife International listing (2017). See **Table B1** for the description of the codes. 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) 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*)
- ^ 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	Tachybaptus ruficollis	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	Phalacrocorax carbo	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	Ardea cinerea	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	Ardea purpurea	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	Ardea alba	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	Egretta intermedia	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	Egretta garzetta	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	Bubulcus coromandus	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	Ardeola bacchus	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	Ixobrychus sinensis	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	Ixobrychus cinnamomeus	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
Great Bittern	Botaurus stellaris	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-crowned Night Heron	Nycticorax nycticorax	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
Black Stork	Ciconia nigra	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 Spoonbill	Platalea leucorodia	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	Platalea minor	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	Aix galericulata	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	Anas penelope	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	Anas crecca	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	Anas acuta	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	Anas clypeata	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
Garganey	Anas querquedula	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
Tufted Duck	Aythya fuligula	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

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
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
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	0.0
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
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
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 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>Amauornis 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>Gallinula 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
Grey-headed Lapwing	<i>Vanellus cinereus</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

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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	V	V	0.0	V	0.0	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	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
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
White-winged Tern	<i>Chlidonias leucopterus</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

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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
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
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	0.0	0.0	0.0
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
Indian Cuckoo	<i>Cuculus Micropterus</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
Large Hawk-Cuckoo	<i>Hierococcyx sparveroides</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
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	0.0	0.0
Asian Barred Owllet	<i>Glaucidium cuculoides</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 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
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	0.0
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	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
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	0.0

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Eastern Yellow Wagtail	Motacilla tschutschensis	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
Grey Wagtail	Motacilla cinerea	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	Motacilla alba	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	Anthus richardi	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	Anthus hodgsoni	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	Anthus cervinus	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	Anthus rubescens	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	Pycnonotus jocosus	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
Light-vented Bulbul	Pycnonotus sinensis	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
Sooty-headed Bulbul	Pycnonotus aurigaster	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-winged Cuckooshrike	Lalage melaschistos	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	Lanius bucephalus	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	Lanius cristatus	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	Lanius schach	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	Copsychus saularis	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
Red-flanked Bluetail	Tarsiger cyanurus	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
Daurian Redstart	Phoenicurus aureus	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	Saxicola stejnegeri	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
Chinese Blackbird	Turdus mandarinus	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
Grey-backed Thrush	Turdus hortolorum	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

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	
Masked Laughingthrush	Garrulax perspicillatus	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	Locustella lanceolata	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
Pallas's Grasshopper Warbler	Locustella certhiola	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
Oriental Reed Warbler	Acrocephalus orientalis	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	0.0
Thick-billed Warbler	Acrocephalus aedon	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	Acrocephalus bistrigiceps	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	0.0
Manchurian Bush Warbler	Horornis canturians	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
Common Tailorbird	Orthotomus sutorius	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	0.2
Dusky Warbler	Phylloscopus fuscatus	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	Phylloscopus proregulus	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
Yellow-browed Warbler	Phylloscopus inornatus	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	
Sakhalin Leaf Warbler	Phylloscopus borealoides	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
Eastern Crowned Warbler	Phylloscopus coronatus	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
Pale-legged Leaf Warbler	Phylloscopus tenellipes	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
Zitting Cisticola	Cisticola juncidis	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	Prinia flaviventris	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	
Plain Prinia	Prinia inornata	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	
Bluethroat	Luscinia svecica	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
Grey-streaked Flycatcher	Muscicapa griseictica	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

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Asian Brown Flycatcher	Muscicapa dauurica	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
Yellow-rumped Flycatcher	Ficedula zanthopygia	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
Grey-headed Canary-Flycatcher	Culicicapa ceylonensis	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
Amur Paradise Flycatcher	Terpsiphone incei	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
Japanese Paradise Flycatcher	Terpsiphone atrocaudata	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
Chinese Penduline-Tit	Remiz consobrinus	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	4.5	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cinereous Tit	Parus cinereus	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
Japanese Tit	Parus minor	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
Swinhoe's White-eye	Zosterops simplex	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	
Fork-tailed Sunbird	Aethopyga christinae	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
Little Bunting	Emberiza pusilla	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
Black-faced Bunting	Emberiza spodocephala	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	0.0
Chinese Grosbeak	Eophona migratoria	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
Scaly-breasted Munia	Lonchura punctulata	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	
White-headed Munia	Lonchura maja	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
Chestnut Munia	Lonchura atricapilla	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
Eurasian Tree Sparrow	Passer montanus	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	0.0	V	8.8	3.6
Yellow-fronted Canary	Crithagra mozambica	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
Red-billed Starling	Spodiopsar sericeus	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	

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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	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	
Great Myna	<i>Acridotheres grandis</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-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	0.0	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	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	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	
Oriental Magpie	<i>Pica serica</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:
- (1) Conservation Status follows that of Fellows et. al. (2002) and BirdLife International listing (2017). See **Table B1** for the description of the codes. 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) 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*)
 - ^ 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.
 - # 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	Tachybaptus ruficollis	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	Phalacrocorax carbo	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	Ardea cinerea	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	Ardea purpurea	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	Ardea alba	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	Egretta intermedia	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	Egretta garzetta	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	Bubulcus coromandus	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	V	0.0	V	0.3	0.0	V	V	
Chinese Pond Heron	Ardeola bacchus	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	Ixobrychus sinensis	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	Ixobrychus cinnamomeus	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
Great Bittern	Botaurus stellaris	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-crowned Night Heron	Nycticorax nycticorax	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
Black Stork	Ciconia nigra	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 Spoonbill	Platalea leucorodia	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	Platalea minor	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	Aix galericulata	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	Anas penelope	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	Anas crecca	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	Anas acuta	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	Anas clypeata	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
Garganey	Anas querquedula	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
Tufted Duck	Aythya fuligula	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
Western Osprey	Pandion haliaetus	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

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
Besra	Accipiter virgatus	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-winged Kite	Elanus caeruleus	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	Milvus migrans	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
Crested Serpent Eagle	Spilornis cheela	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	Accipiter trivirgatus	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	Clanga clanga	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	Aquila heliaca	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	Buteo japonicus	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	Falco tinnunculus	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	Falco peregrinus	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	Falco subbuteo	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	Coturnix japonica	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	Porzana pusilla	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	Amaurornis phoenicurus	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	Gallicrex cinerea	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	Gallinula chloropus	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	Hydrophasianus chirurgus	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	Rostratula benghalensis	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	Himantopus himantopus	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	Recurvirostra avosetta	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
Grey-headed Lapwing	Vanellus cinereus	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 Pratincole	Glareola maldivarum	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

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
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	0.4	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	0.0	0.2	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	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
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
White-winged Tern	<i>Chlidonias leucopterus</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	0.2	V	0.0	V	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

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
Emerald Dove	Chalcophaps indica indica	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
Asian Koel	Eudynamys scolopaceus	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	0.0	0.2	0.2	0.2	0.3	0.2	V	0.0
Greater Coucal#	Centropus sinensis	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
Indian Cuckoo	Cuculus Micropterus	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
Large Hawk-Cuckoo	Hierococcyx sparverioides	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
Plaintive Cuckoo	Cacomantis merulinus	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
Asian Barred Owl	Glaucidium cuculoides	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 Eagle Owl	Bubo bubo	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	Caprimulgus affinis	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
Himalayan Swiftlet	Aerodramus brevirostris	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
Pacific Swift	Apus pacificus	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	Apus nipalensis	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	Ceryle rudis	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	Halcyon smyrnensis	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	Alcedo atthis	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	Upupa epops	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	Hirundo rustica	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	Hirundo daurica	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
Sand Martin	Riparia riparia	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 Yellow Wagtail	Motacilla tschutschensis	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	Motacilla cinerea	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	Motacilla alba	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	Anthus richardi	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	Anthus hodgsoni	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

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	
Red-throated Pipit	Anthus cervinus	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	Anthus rubescens	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	Pycnonotus jocosus	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	
Light-vented Bulbul	Pycnonotus sinensis	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	Pycnonotus aurigaster	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	
Black-winged Cuckooshrike	Lalage melaschistos	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
Bull-headed Shrike	Lanius bucephalus	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	Lanius cristatus	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	0.0
Long-tailed Shrike	Lanius schach	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	Copsychus saularis	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	
Red-flanked Bluetail	Tarsiger cyanurus	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
Daurian Redstart	Phoenicurus aureus	N	-	0.3	1.6	0.8	0.5	0.6	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	0.0	
Stejneger's Stonechat	Saxicola stejnegeri	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	
Grey-backed thrush	Turdus hortulorum	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	Garrulax perspicillatus	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	Locustella lanceolata	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
Pallas's Grasshopper Warbler	Locustella certhiola	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
Oriental Reed Warbler	Acrocephalus orientalis	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	Acrocephalus aedon	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	0.0
Black-browed Reed Warbler	Acrocephalus bistrigiceps	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	0.0
Manchurian Bush Warbler	Horornis canturians	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

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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	0.4	0.2	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	-	0.3	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
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	0.0
Eastern Crowned Warbler	<i>Phylloscopus coronatus</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
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	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	0.6	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-	0.5	0.0	0.3	0.3	2.6	0.8	2.0	1.5	0.0	0.0	0.0	0.0	0.0	0.2	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
Bluethroat	<i>Luscinia svecica</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
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</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
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow-rumped Flycatcher	<i>Ficedula zanthopygia</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
Grey-headed Canary-Flycatcher	<i>Culicicapa ceylonensis</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
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	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	0.0	0.0	0.0	0.0	0.0	0.0	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	0.4	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
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	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 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Swinhoe's White-eye	<i>Zosterops simplex</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

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
Fork-tailed Sunbird	<i>Aethopyga christinae</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
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	V	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	-	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
White-headed Munia	<i>Lonchura maja</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
Chestnut Munia	<i>Lonchura atricapilla</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 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
Yellow-fronted Canary	<i>Criethagra 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	0.0	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 cineraceus</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
Great Myna	<i>Acridotheres grandis</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-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
Oriental Magpie	<i>Pica serica</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

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
Collared Crow	Corvus torquatus	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

- Notes:
- (1) Conservation Status follows that of Fellows et. al. (2002) and BirdLife International listing (2017). See **Table B1** for the description of the codes. 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) 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*)
 - ^ 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.
 - # 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 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	Tachybaptus ruficollis	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	Phalacrocorax carbo	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	Ardea cinerea	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	Ardea purpurea	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	Ardea alba	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	Egretta intermedia	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	Egretta garzetta	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	Bubulcus coromandus	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	Ardeola bacchus	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	Ixobrychus sinensis	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	Ixobrychus cinnamomeus	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
Great Bittern	Botaurus stellaris	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-crowned Night Heron	Nycticorax nycticorax	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
Black Stork	Ciconia nigra	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 Spoonbill	Platalea leucorodia	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	Platalea minor	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	Aix galericulata	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	Anas penelope	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	Anas crecca	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	Anas acuta	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	Anas clypeata	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
Garganey	Anas querquedula	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
Tufted Duck	Aythya fuligula	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
Western Osprey	Pandion haliaetus	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	Accipiter virgatus	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

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
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
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	V	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	0.0	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	V	0.0	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
Grey-headed Lapwing	<i>Vanellus cinereus</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 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

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
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 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
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
White-winged Tern	<i>Chlidonias leucopterus</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
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	0.0	0.0	0.0
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	0.8	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

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
Indian Cuckoo	Cuculus Micropterus	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
Large Hawk- Cuckoo	Hierococcyx sparverioides	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
Plaintive Cuckoo	Cacomantis merulinus	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
Asian Barred Owlet	Glaucidium cuculoides	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 Eagle Owl	Bubo bubo	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	Caprimulgus affinis	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
Himalayan Swiftlet	Aerodramus brevirostris	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
Pacific Swift	Apus pacificus	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	Apus nipalensis	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	Ceryle rudis	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	0.3	0.0	0.0	V	V	V	V	0.3	0.4
Black-capped Kingfisher	Halcyon pileata	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	Halcyon smyrnensis	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	Alcedo atthis	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	Upupa epops	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	Hirundo rustica	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	Hirundo daurica	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	Riparia riparia	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 Yellow Wagtail	Motacilla tschutschensis	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	Motacilla cinerea	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	Motacilla alba	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	Anthus richardi	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	Anthus hodgsoni	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	Anthus cervinus	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	Anthus rubescens	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	Pycnonotus jocosus	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
Light-vented Bulbul	Pycnonotus sinensis	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

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
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
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	0.0
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
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
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
Manchurian Bush Warbler	<i>Horornis canturians</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
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

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
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	0.0
Eastern Crowned Warbler	<i>Phylloscopus coronatus</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
Pale-legged Lea 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	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
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
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
Yellow-rumped Flycatcher	<i>Ficedula zanthopygia</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
Grey-headed Canary-Flycatcher	<i>Culicicapa ceylonensis</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
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	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	0.0	0.0	0.0	0.0	0.0	0.0	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 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Swinhoe's White-eye	<i>Zosterops simplex</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
Fork-tailed Sunbird	<i>Aethopyga christinae</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
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
White-headed Munia	<i>Lonchura maja</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
Chestnut Munia	<i>Lonchura atricapilla</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

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
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
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	0.0	0.0
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
Great Myna	<i>Acridotheres grandis</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-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
Oriental Magpie	<i>Pica serica</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

- Notes:
- (1) Conservation Status follows that of Fellows et. al. (2002) and BirdLife International listing (2017). See **Table B1** for the description of the codes. 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) 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*)
 - ^ 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.
 - # 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 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	Tachybaptus ruficollis	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	Phalacrocorax carbo	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	Ardea cinerea	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	Ardea purpurea	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	Ardea alba	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	Egretta intermedia	Y	RC	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	0.0	0.3	0.5
Little Egret	Egretta garzetta	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	Bubulcus coromandus	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	Ardeola bacchus	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	Ixobrychus sinensis	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	Ixobrychus cinnamomeus	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
Great Bittern	Botaurus stellaris	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-crowned Night Heron	Nycticorax nycticorax	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	Ciconia nigra	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	Platalea leucorodia	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	Platalea minor	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	Aix galericulata	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	Anas penelope	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	Anas crecca	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	Anas acuta	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	Anas clypeata	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
Garganey	Anas querquedula	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
Tufted Duck	Aythya fuligula	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
Western Osprey	Pandion haliaetus	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	Accipiter virgatus	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	Elanus caeruleus	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
Black Kite	Milvus migrans	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

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	
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	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	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	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	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	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	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	0.0	V	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	0.3	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	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	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	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	0.0	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	0.0	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	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	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	0.0
Grey-headed Lapwing	<i>Vanellus cinereus</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
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	0.0	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	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	0.0	0.5
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
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
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

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
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	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	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
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	0.4	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	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
White-winged Tern	<i>Chlidonias leucopterus</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
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>Eudynamis 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
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
Indian Cuckoo	<i>Cuculus Micropterus</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
Large Hawk-Cuckoo	<i>Hierococcyx sparverioides</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
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
Asian Barred Owlet	<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

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Eurasian Eagle Owl	Bubo bubo	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	Caprimulgus affinis	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	Aerodramus brevirostris	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	Apus pacificus	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	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
House Swift	Apus nipalensis	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	1.0	1.3	1.4	V	2.2	V	0.0	1.5	0.0	
Pied Kingfisher	Ceryle rudis	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	0.6	V	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Black-capped Kingfisher	Halcyon pileata	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	Halcyon smyrnensis	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	Alcedo atthis	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
Eurasian Hoopoe	Upupa epops	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	Hirundo rustica	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	Hirundo daurica	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
Sand Martin	Riparia riparia	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
Eastern Yellow Wagtail	Motacilla tschutschensis	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	Motacilla cinerea	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	Motacilla alba	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	Anthus richardi	N	-	0.0	0.0	0.3	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.5	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	
Olive-backed Pipit	Anthus hodgsoni	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	V	V	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
Red-throated Pipit	Anthus cervinus	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	Anthus rubescens	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	Pycnonotus jocosus	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
Light-vented Bulbul	Pycnonotus sinensis	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	Pycnonotus aurigaster	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Cuckooshrike	Lalage melaschistos	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
Bull-headed Shrike	Lanius bucephalus	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	Lanius cristatus	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

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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	V	0.0	0.3	0.0	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
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
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	0.8	0.4	V	0.5	V	0.0	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	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	0.3	0.3
Manchurian Bush Warbler	<i>Horornis canturians</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
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
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	V	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	V	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Eastern Crowned Warbler	<i>Phylloscopus coronatus</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
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
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

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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	0.2	0.5	0.0	0.3	2.5	2.0	0.5	
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
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</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
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
Yellow-rumped Flycatcher	<i>Ficedula zanthopygia</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
Grey-headed Canary-Flycatcher	<i>Culicicapa ceylonensis</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
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
Swinhoe's White-eye	<i>Zosterops simplex</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
Fork-tailed Sunbird	<i>Aethopyga christinae</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
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
White-headed Munia	<i>Lonchura maja</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
Chestnut Munia	<i>Lonchura atricapilla</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 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

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	
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	
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	
Great Myna	<i>Acridotheres grandis</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-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	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	
Oriental Magpie	<i>Pica serica</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	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	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	

- Notes:
- (1) Conservation Status follows that of Fellows et. al. (2002) and BirdLife International listing (2017). See **Table B1** for the description of the codes. 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) 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*)
 - ^ 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.
 - # 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 B9: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2020 and October 2022

Common name	Scientific name	Wetland Dependence	Conservation status	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	June-22	July-22	Aug-22	Sep-22	Oct-22	
Little Grebe	Tachybaptus ruficollis	Y	LC	1.5	0.4	1.5	0.3	0.2	0.0	0.0	0.0	0.3	0.5	1.4	2.0	1.5	0.4	2.0	0.8	0.2	0.3	V	0.0	0.3	1.0	0.8	2.0	
Great Cormorant	Phalacrocorax carbo	Y	PRC	0.8	1.8	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.3	0.2	1.3	0.8	1.0	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.3	1.3	
Grey Heron	Ardea cinerea	Y	PRC	2.3	1.6	2.5	1.5	0.2	0.0	0.3	0.4	0.0	0.5	1.0	0.5	2.3	1.4	2.3	1.5	0.2	0.0	0.3	0.4	0.0	0.6	0.8	0.5	
Purple Heron	Ardea purpurea	Y	RC	0.0	0.0	0.3	0.3	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Great Egret	Ardea alba	Y	PRC, (RC)	0.8	1.8	1.8	1.5	2.2	0.8	0.8	1.8	0.8	1.3	1.8	1.5	0.8	1.6	1.5	1.0	2.2	0.8	0.8	2.2	0.8	1.4	2.0	1.5	
Intermediate Egret	Egretta intermedia	Y	RC	0.0	0.4	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.5	0.0	0.4	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.5	
Little Egret	Egretta garzetta	Y	PRC, (RC)	0.5	0.8	1.5	1.3	1.6	4.0	4.5	0.6	0.8	3.0	2.0	2.3	0.5	0.8	1.3	1.0	1.6	4.3	4.5	1.2	1.0	2.4	2.3	2.3	
Eastern Cattle Egret	Bubulcus coromandus	Y	(LC)	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.5	0.0	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.6	0.5	0.5	
Chinese Pond Heron	Ardeola bacchus	Y	PRC, (RC)	2.5	2.8	2.3	2.3	1.0	V	2.0	2.4	2.3	5.5	2.6	7.8	2.5	2.6	2.3	1.5	1.0	0.0	3.0	2.8	2.5	5.0	2.5	7.8	
Yellow Bittern	Ixobrychus sinensis	Y	(LC)	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.0	1.6	0.8	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	2.0	1.5	1.3
Cinnamon Bittern	Ixobrychus cinnamomeus	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
Great Bittern	Botaurus stellaris	Y	RC	0.0	V	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Black-crowned Night Heron	Nycticorax nycticorax	Y	(LC)	1.0	1.0	0.0	0.0	V	0.3	1.8	5.0	2.8	4.5	6.0	2.3	1.3	1.0	0.0	0.0	V	0.3	1.8	5.4	3.8	6.0	4.3	2.5	
Black Stork	Ciconia nigra	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
Eurasian Spoonbill	Platalea leucorodia	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-faced Spoonbill	Platalea minor	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mandarin Duck	Aix galericulata	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
Eurasian Wigeon	Anas penelope	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
Eurasian Teal	Anas crecca	Y	RC	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	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Pintail	Anas acuta	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
Northern Shoveler	Anas clypeata	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
Garganey	Anas querquedula	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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tufted Duck	Aythya fuligula	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
Western Osprey	Pandion haliaetus	Y	RC	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Besra	Accipiter virgatus	N	-	0.0	0.0	0.3	0.0	0.4	V	V	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	V	0.0	0.5	0.0	0.0	0.0	
Black-winged Kite	Elanus caeruleus	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	V	
Black Kite	Milvus migrans	Y	(RC)	0.8	0.8	0.8	0.5	0.6	0.5	0.3	0.6	0.5	0.5	0.8	2.0	0.8	1.0	0.8	1.5	0.6	0.5	0.3	0.8	0.5	0.6	0.8	2.0	
Crested Serpent Eagle	Spilornis cheela	N	(LC)	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	0.0	

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21	May- 21	Jun- 21	Jul- 21	Aug- 21	Sep- 21	Oct- 21	Nov- 21	Dec- 21	Jan- 22	Feb- 22	Mar- 22	Apr- 22	May- 22	June- 22	July- 22	Aug- 22	Sep- 22	Oct- 22
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	0.0
Greater Spotted Eagle	<i>Clanga clanga</i>	Y	GC	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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	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	0.0	0.0	0.0	0.0	0.0	0.0	
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.5	0.0	0.3	0.0	0.2	V	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.0	0.4	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
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
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.2	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	V	0.3	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	-	2.0	0.8	0.0	0.3	2.2	1.0	2.0	1.4	1.8	0.0	1.2	1.0	1.8	0.8	0.5	2.2	1.0	2.3	1.6	1.8	0.2	1.5	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
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	2.5	1.6	3.0	2.0	2.0	2.0	0.3	0.4	0.5	2.0	0.8	0.0	2.0	1.2	4.0	2.8	2.0	1.8	0.3	0.8	0.3	1.6	0.8	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	
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
Grey-headed Lapwing	<i>Vanellus cinereus</i>	Y	LC	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
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	0.2	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
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	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	0.0	0.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	0.0	0.0	0.3	0.0	0.0	V	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	0.8
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	0.0	0.5	0.0	0.0	2.5	V	0.0	0.0	0.0	0.0	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
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	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

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Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.5	1.8	2.8	0.8	1.6	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.6	2.3	0.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	0.0	5.0	1.3	2.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	1.3	1.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.0	0.8	0.5	0.0	0.4	3.5	0.3	0.0	0.3	1.0	0.6	0.3	0.0	0.8	0.5	0.0	0.2	3.5	0.3	0.0	0.3	0.8	0.8	0.3
Pintail/Swinhoe's Snipe*	<i>Gallinago stenura/G. megalga</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	-	0.3	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	V	0.3
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
White-winged Tern	<i>Chlidonias leucopterus</i>	Y	-	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	0.3	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	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 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	-	2.3	5.0	3.3	1.5	2.4	2.8	2.0	3.8	3.5	2.0	4.4	6.5	2.3	5.2	3.8	1.5	2.4	2.8	2.0	4.8	3.8	3.0	3.8	6.5
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.8	0.2	0.8	0.3	0.0	0.3	1.0	0.8	0.3	1.0	0.8	1.0	0.8	0.2	0.3	0.0	0.3	1.0	0.8	0.3	0.6	0.3	1.0	
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	0.0	0.0	0.0
Asian Koel	<i>Eudynamis scolopaceus</i>	N	-	0.0	0.0	0.3	0.0	0.8	0.5	0.5	0.8	0.8	1.0	0.0	0.8	0.0	0.0	0.5	0.3	0.8	0.5	0.5	1.2	0.8	0.6	0.0	0.8
Greater Coucal#	<i>Centropus sinensis</i>	N	-	1.0	0.0	0.3	1.5	1.2	2.3	1.3	1.8	1.5	0.5	0.0	0.8	0.0	0.3	1.3	1.2	2.3	1.5	1.8	1.8	0.6	0.0	0.0	
Indian Cuckoo	<i>Cuculus Micropterus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Large Hawk-Cuckoo	<i>Hierococcyx sparveroides</i>	N	-	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	N	-	0.0	0.0	0.0	V	0.4	0.5	0.3	0.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.5	0.3	0.6	0.0	0.0	0.0	0.0	
Asian Barred Owl	<i>Glaucidium cuculoides</i>	N	-	0.0	0.0	0.0	V	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.2	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	0.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.5	0.3	0.2	0.0	0.0	0.0	0.0

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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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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	0.0	0.6	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	1.6	0.0	0.5	0.0	0.0	0.3	0.0	0.0	0.0	1.2	0.0	0.0	1.4	0.0	1.5	36.0	0.0	0.3	0.6	0.0	0.4	1.0	0.0	
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.0	0.5	1.3	1.2	0.0	0.3	0.2	0.3	0.5	0.4	0.3	0.0	0.0	0.3	1.3	1.4	0.0	0.3	0.4	0.8	0.4	0.5	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	0.0
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.0	V	1.0	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0	1.0	0.3	0.4	0.5	0.3	0.0	0.3	0.2	0.3	0.5		
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.3	1.8	1.3	0.8	1.0	0.8	0.3	1.2	1.5	1.0	1.0	0.5	0.3	1.8	0.8	0.8	1.0	0.8	0.3	1.6	1.5	1.2	1.0	0.5	
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
Barn Swallow	<i>Hirundo rustica</i>	N	-	10.0	12.2	2.0	20.3	10.6	8.5	4.5	6.4	1.3	5.8	2.4	8.3	4.3	6.6	3.5	15.0	119.6	8.5	9.8	6.8	1.5	4.6	2.0	8.3	
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
Sand Martin	<i>Riparia riparia</i>	Y	-	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	1.2	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	1.2	2.5	1.8	3.2	5.0	0.8	0.0	0.0	0.0	0.2	0.5	0.0	1.4	2.8	1.3	3.2	5.0	0.8	0.0	0.0	0.2	0.3	0.5	
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
White Wagtail	<i>Motacilla alba</i>	Y	-	2.0	2.4	11.5	2.3	2.6	1.0	1.3	0.4	1.8	0.5	2.4	2.8	2.0	2.4	10.0	2.3	2.6	1.0	1.3	0.8	1.8	1.2	2.3	2.8	
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.8	0.4	0.8	0.5	1.4	1.3	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.4	0.8	0.3	1.4	1.3	0.0	0.0	0.0	0.0	0.0	0.3	
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.3	1.0	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.3	0.0	0.2	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	1.0	6.6	14.8	7.3	6.2	8.8	6.3	3.8	11.5	5.3	3.2	4.5	1.0	6.6	11.5	5.8	6.2	8.8	6.8	6.6	10.3	4.2	4.0	4.5	
Light-vented Bulbul	<i>Pycnonotus sinensis</i>	N	-	3.0	6.0	26.3	16.0	17.8	6.3	4.8	7.2	6.5	3.8	2.4	1.8	3.0	6.2	16.3	32.0	17.8	6.3	4.5	8.4	8.0	3.0	3.0	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	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	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	0.0	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.0	0.8	0.0	1.3	1.2	0.5	0.3	0.2	1.3	0.8	0.4	0.5	0.0	0.8	0.0	1.3	1.0	0.5	0.3	0.2	1.3	0.8	0.5	0.5	
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	1.3	0.8	0.8	0.3	1.2	2.3	0.8	2.6	2.3	1.0	1.0	0.5	1.3	0.8	0.8	0.3	1.2	2.3	0.8	3.2	2.3	0.8	0.5	0.5	

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21	May- 21	Jun- 21	Jul- 21	Aug- 21	Sep- 21	Oct- 21	Nov- 21	Dec- 21	Jan- 22	Feb- 22	Mar- 22	Apr- 22	May- 22	June- 22	July- 22	Aug- 22	Sep- 22	Oct- 22
Red-flanked Bluetail	Tarsiger cyanurus	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
Daurian Redstart	Phoenicurus aureoreus	N	-	1.5	2.2	0.5	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.5	2.2	0.3	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Stejneger's Stonechat	Saxicola stejnegeri	N	-	1.8	2.8	0.5	1.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	1.3	1.8	2.8	1.0	1.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	1.3
Chinese Blackbird	Turdus mandarinus	N	-	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.4	0.5	0.3
Grey-backed thrush	Turdus hortulorum	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	Garrulax perspicillatus	N	-	4.8	5.0	1.8	6.0	4.4	4.5	4.0	6.2	6.3	4.3	5.0	3.8	5.0	5.0	4.8	3.8	4.4	4.5	5.5	7.6	6.3	4.0	6.3	4.3
Lanceolated Warbler	Locustella lanceolata	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	Locustella certhiola	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	Acrocephalus orientalis	Y	-	0.5	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.0
Thick-billed Warbler	Acrocephalus aedon	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	Acrocephalus bistrigiceps	Y	-	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
Manchurian Bush Warbler	Horornis canturians	N	-	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
Common Tailorbird	Orthotomus sutorius	N	-	1.5	0.4	1.5	1.3	1.2	1.5	1.3	0.8	2.5	1.8	1.4	1.3	1.5	0.4	1.3	0.8	1.2	1.5	1.3	1.2	2.3	1.4	1.0	1.3
Dusky Warbler	Phylloscopus fuscatus	N	-	8.0	7.4	5.5	7.0	5.4	4.0	0.0	0.0	0.0	0.0	0.0	4.0	7.5	7.4	6.5	5.0	5.2	4.0	0.0	0.0	0.0	0.0	0.0	3.8
Pallas's Leaf Warbler	Phylloscopus proregulus	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	Phylloscopus inornatus	N	-	0.8	1.0	2.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	2.3	1.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sakhalin Leaf Warbler	Phylloscopus borealoides	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 Crowned Warbler	Phylloscopus coronatus	N	-	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	0.0
Pale-legged Leaf Warbler	Phylloscopus tenellipes	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	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
Zitting Cisticola	Cisticola juncidis	Y	LC	0.8	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Yellow-bellied Prinia	Prinia flaviventris	N	-	2.5	3.2	1.5	5.0	3.8	7.3	6.8	6.0	4.5	3.5	2.8	1.5	2.5	3.0	1.5	3.3	3.8	7.3	6.8	7.4	4.0	3.0	3.3	1.5
Plain Prinia	Prinia inornata	N	-	1.3	1.0	1.5	1.8	2.4	3.3	3.3	3.8	2.3	3.5	2.2	0.5	1.3	1.0	2.0	2.5	2.4	3.3	3.3	4.4	2.3	3.0	2.8	0.5

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21	May- 21	Jun- 21	Jul- 21	Aug- 21	Sep- 21	Oct- 21	Nov- 21	Dec- 21	Jan- 22	Feb- 22	Mar- 22	Apr- 22	May- 22	June- 22	July- 22	Aug- 22	Sep- 22	Oct- 22
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
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	N	-	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	0.3
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	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
Yellow-rumped Flycatcher	<i>Ficedula zanthopygia</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	0.2	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	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 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	0.0
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	1.8	0.0	0.0	0.0	2.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.8	0.5	0.0	2.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0
Cinereous Tit	<i>Parus cinereus</i>	N	-	1.3	1.4	1.0	2.5	1.0	29.5	1.0	1.4	1.8	2.0	0.6	1.0	1.3	1.4	1.0	2.3	1.0	2.3	1.0	2.0	2.5	1.6	0.5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	8.0	6.8	6.8	4.4	2.3	2.0	2.6	3.0	5.0	5.0	5.0	4.8	7.6	6.0	5.4	5.0	2.3	2.3
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	N	-	0.0	0.6	0.3	0.0	0.0	0.0	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
Little Bunting	<i>Emberiza pusilla</i>	N	-	V	0.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Black-faced Bunting	<i>Emberiza spodocephala</i>	N	-	0.3	0.4	0.8	0.8	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.8	0.8	1.6	0.8	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	-	2.3	3.8	4.3	0.0	0.6	0.5	2.5	8.0	14.0	2.5	10.0	6.0	1.8	3.8	4.0	0.6	1.3	2.5	7.0	5.5	4.2	3.5	2.3	
White-headed Munia	<i>Lonchura maja</i>	N	-	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
Chestnut Munia	<i>Lonchura atricapilla</i>	N	-	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	0.2	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	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	
Yellow-fronted Canary	<i>Crithagra mozambica</i>	N	-	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	0.0	0.0	0.0	0.4	0.0	0.0	0.3	0.0
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	1.0	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
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.5	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	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	3.8	3.8	4.8	1.3	1.2	4.0	3.5	4.2	2.5	1.3	2.4	3.8	3.8	4.8	4.3	2.2	1.5	4.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 20	Dec- 20	Jan- 21	Feb- 21	Mar- 21	Apr- 21	May- 21	Jun- 21	Jul- 21	Aug- 21	Sep- 21	Oct- 21	Nov- 21	Dec- 21	Jan- 22	Feb- 22	Mar- 22	Apr- 22	May- 22	June- 22	July- 22	Aug- 22	Sep- 22	Oct- 22
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.6	2.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.6	1.8	1.2	0.5	0.0	
Common Myna	<i>Acridotheres tristis</i>	N	-	0.5	0.0	0.0	0.0	0.2	0.0	0.3	0.2	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.2	0.0	0.8	0.2	0.0	0.0	0.0	0.3	
Crested Myna	<i>Acridotheres cristatellus</i>	N	-	2.3	2.6	1.8	1.0	4.2	2.0	5.5	4.2	4.3	1.5	6.6	4.5	2.3	3.8	1.8	1.0	4.2	2.0	5.0	4.4	4.5	3.0	3.5	4.5
Great Myna	<i>Acridotheres grandis</i>	N	-	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	
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	
Black Drongo	<i>Dicrurus macrocercus</i>	N	-	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.2	0.0	0.5	0.2	2.3	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.4	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	0.0	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	-	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Oriental Magpie	<i>Pica serica</i>	N	-	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	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	1.0	0.0	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.5	0.0	
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	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	0.2	0.3	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	0.0	0.0	1.3	0.5	0.4	0.0	1.0	0.0	0.0	0.4	0.3	0.0	0.2	1.3	0.4	0.3	0.0	

- Notes:
- (1) Conservation Status follows that of Fellows et. al. (2002) and BirdLife International listing (2017). See **Table B1** for the description of the codes. 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) 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*)
 - ^ 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.
 - # 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)

C. Summary of Herpetofauna Monitoring, Mammals and Insect Surveys

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022
Amphibians								
Asian Common Toad	Bufo melanostictus	-	3.0	5.0	10.0	14.5	0.0	0.0
Gunther's Frog	Hylarana guentheri	-	2.0	1.5	3.5	2.0	0.0	0.0
Paddy Frog	Fejervarya limnocharis	-	0.0	0.0	1.0	23.0	0.0	0.0
Brown Tree Frog	Polypedates megacephalus	-	3.0	1.5	5.0	1.0	0.0	0.0
Asiatic Painted Frog	Kaloula pulchra pulchra	-	0.5	0.5	3.0	1.0	0.0	0.0
Ornate Pygmy Frog	Microhyla fissipes	-	1.5	3.0	3.0	4.0	0.0	0.0
Greenhouse Frog	Eleutherodactylus planirostris	-	2.0	0.0	0.0	2.5	0.0	0.0
No. of Species Recorded			6	5	6	7	0	0
Reptiles								
Red-eared Slider	Trachemys scripta elegans	-	0.0	1.0	0.5	0.0	0.0	0.0
Bowring's Gecko	Hemidactylus bowringii	-	8.5	14.0	10.5	15.5	0.0	0.0
Changeable Lizard	Calotes versicolor	-	0.5	1.0	0.0	0.0	0.0	0.0
Long-tailed Skink	Eutropis longicaudata	-	0.0	0.0	0.5	0.0	0.0	0.0
No. of Species Recorded			2	3	3	1	0	0

(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

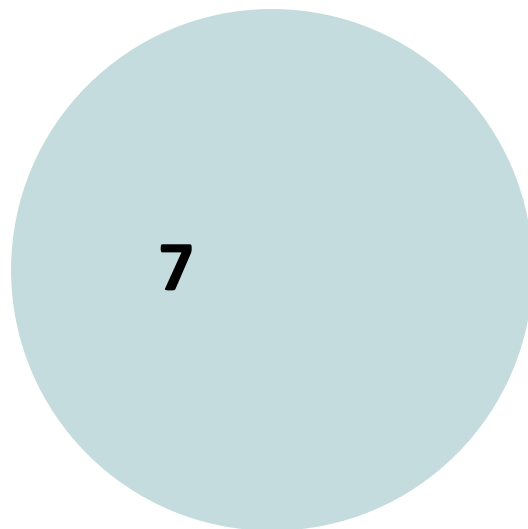
Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022
Amphibians								
Asian Common Toad	Bufo melanostictus	-	1.5	5.0	6.5	9.0	0.0	0.0
Gunther's Frog	Hylarana guentheri	-	2.5	1.0	4.5	2.5	0.0	0.0
Paddy Frog	Fejervarya limnocharis	-	0.0	0.0	3.0	10.0	0.0	0.0
Brown Tree Frog	Polypedates megacephalus	-	0.0	1.0	1.0	2.0	0.0	0.0
Asiatic Painted Frog	Kaloula pulchra pulchra	-	0.0	1.0	1.5	0.5	0.0	0.0
Ornate Pygmy Frog	Microhyla fissipes	-	2.5	2.0	3.5	2.0	0.0	0.0
Greenhouse Frog	Eleutherodactylus planirostris	-	3.0	2.5	4.0	3.0	0.0	0.0
No. of Species Recorded			4	6	7	7	0	0
Reptiles								
Red-eared Slider	Trachemys scripta elegans	-	0.0	0.0	0.5	0.0	0.0	V
Bowring's Gecko	Hemidactylus bowringii	-	7.0	5.5	4.5	7.5	2.0	3.0
Changeable Lizard	Calotes versicolor	-	0.5	0.0	0.0	0.0	0.0	0.0
Long-tailed Skink	Eutropis longicaudata	-	0.5	2.0	0.5	0.0	1.0	1.0
Reeve's Smooth Skink	Scincella reevesii	Class II	0.0	1.0	1.0	1.0	0.0	0.0
Common Rat Snake	Ptyas mucosus	-	0.0	0.0	0.0	0.0	0.0	1.0
Checkered Keelback	Xenochrophis flavipunctatus	-	0.5	0.5	0.0	0.0	0.0	0.0
Many-banded Krait	Bungarus multicinctus multicinctus	-	0.0	0.5	0.5	0.0	0.0	V
Chinese Cobra	Naja atra	PRC	0.0	1.0	0.0	0.0	0.0	0.0
No. of Species Recorded			4	6	5	2	2	5

(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.

Chart C1: Number of Common Amphibian Species and Amphibian Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period



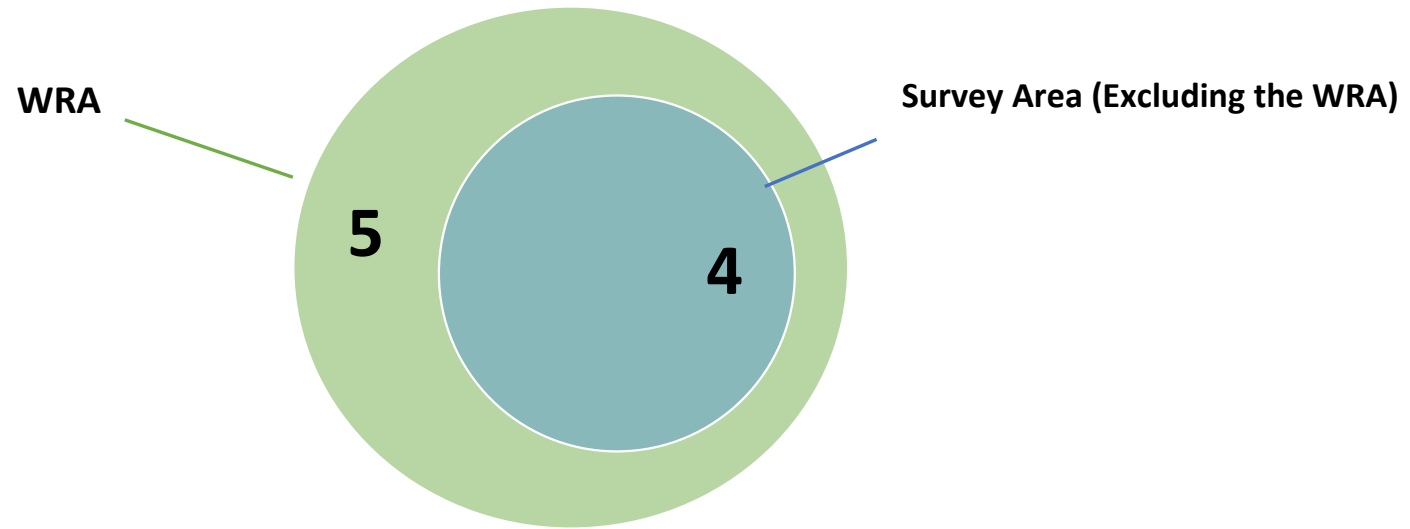
**Both WRA and
Survey Area (Excluding the WRA)**

Species Only Found in the WRA
0

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)	
Asian Common Toad	Gunther's Frog
Asiatic Painted Frog	Ornate Pygmy Frog
Brown Tree Frog	Paddy Frog
Greenhouse Frog	
7	

Species Only Found in the Survey Area (Excluding the WRA)
0

Chart C2: Number of Common Reptile Species and Reptile Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period



Species Only Found in the WRA
Checkered Keelback Chinese Cobra Common Rat Snake Many-banded Krait Reeve's Smooth Skink
5

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)
Bowring's Gecko Changeable Lizard Long-tailed Skink Red-eared Slider
4

Species Only Found in the Survey Area (Excluding the WRA)
0

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Max ⁽²⁾						
			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	
Mammal									
Short-nosed Fruit Bat	Cynopterus sphinx	-	1.0	1.0	0.0	0.0	0.0	0.0	0.0
Japanese Pipistrelle	Pipistrellus abramus	-	2.0	5.0	0.0	3.0	0.0	0.0	0.0
No. of Species Recorded			2	2	0	1	0	0	0

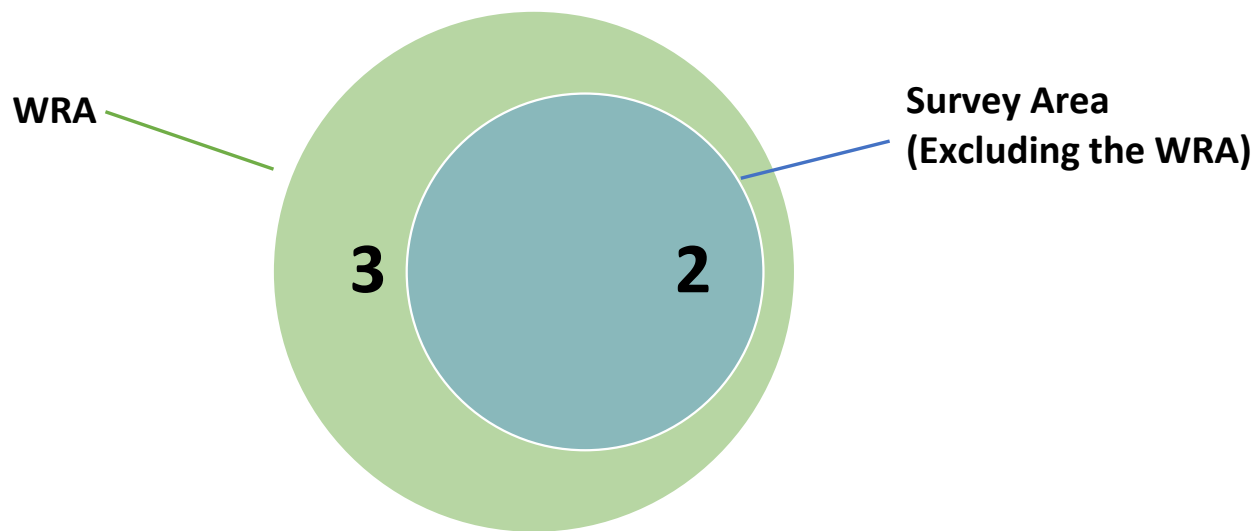
- (1) Conservation status follows that of Fellows et al. (2002) and Shek (2006).
- (2) Refers to the maximum number of individuals recorded in each month in the survey area (excluding WRA).
- V Indicates the species is recorded outside regular surveys.

Table C4: Summary of mammal monitoring in the WRA

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Max ⁽²⁾						
			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	
Mammal									
Bat	Indet. sp.	-	0.0	0.0	0.0	2.0	0.0	0.0	0.0
Short-nosed Fruit Bat	Cynopterus sphinx	-	5.0	5.0	0.0	0.0	0.0	0.0	0.0
Japanese Pipistrelle	Pipistrellus abramus	-	5.0	5.0	9.0	8.0	0.0	0.0	0.0
Leopard Cat#	Prionailurus bengalensis	Class II	0.0	0.0	0.0	1.0	1.0	0.0	0.0
Pallas's Squirrel	Callosciurus erythraeus	-	0.0	0.0	0.0	0.0	1.0	0.0	0.0
No. of Species Recorded			2	2	1	3	2	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 at WRA.
- V Indicates the species is recorded outside regular surveys.

Chart C3: Number of Common Mammal Species and Mammal Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period



Species Only Found in the WRA
Bat Leopard Cat Pallas's Squirrel
3

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)
Japanese Pipistrelle Short-nosed Fruit Bat
2

Species Only Found in the Survey Area (Excluding the WRA)
0

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾						
			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	
Odonata									
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	0.0	0.0	0.0	2.0	0.0	0.0	
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	0.5	0.0	0.0	0.0	0.0	0.0	
Common Bluetail	<i>Ischnura senegalensis</i>	-	78.0	17.0	0.0	3.5	1.0	5.0	
Pale-spotted Emperor	<i>Anax guttatus</i>	-	1.0	0.0	3.0	0.5	0.0	1.0	
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1.5	0.5	0.5	5.0	3.0	4.0	
Golden Flangetail	<i>Sinictinogomphus clavatus</i>	-	3.5	1.5	0.0	0.5	0.0	0.0	
Regal Pond Cruiser	<i>Epopththalmia elegans</i>	-	0.5	0.5	0.5	0.5	1.0	1.0	
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	0.0	0.0	0.0	0.5	0.0	0.0	
Asian Amberwing	<i>Brachythemis contaminata</i>	-	18.5	25.0	25.5	3.5	3.0	5.0	
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	0.0	1.5	4.0	10.0	3.0	1.0	
Amber-winged Glider	<i>Hydrobasileus croceus</i>	-	0.0	0.0	0.5	0.0	0.0	0.0	
Coastal Glider	<i>Macrodiplax cora</i>	LC	0.0	0.0	2.0	1.5	2.0	1.0	
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	23.5	16.5	8.5	12.5	7.0	24.0	
Wandering Glider	<i>Pantala flavescens</i>	-	19.5	6.0	17.5	30.0	8.0	12.0	
Pied Skimmer	<i>Pseudothemis zonata</i>	-	1.0	0.0	0.0	0.0	0.0	0.0	
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	77.0	38.0	17.5	26.5	7.0	13.0	
Saddlebag Glider	<i>Tramea virginia</i>	-	6.5	3.0	1.0	0.0	1.0	4.0	
Scarlet Basker	<i>Urothemis signata signata</i>	LC	0.0	0.0	0.0	1.0	6.0	1.0	
Emerald Cascader	<i>Zygonyx iris insignis</i>	PGC	0.0	0.0	0.0	0.5	0.0	0.0	
No. of Species Recorded			12	10	11	15	11	12	

Butterfly			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022
Plain Tiger	<i>Danaus chrysippus</i>	-	0.0	0.5	0.0	0.0	1.0	3.0
Common Tiger	<i>Danaus genutia</i>	-	0.0	0.0	0.0	0.0	1.0	0.0
Blue-spotted Crow	<i>Euploea midamus midamus</i>	-	0.0	0.0	0.0	1.0	0.0	1.0
Lemon Pansy	<i>Junonia lemonias lemonias</i>	-	0.0	0.0	0.5	0.0	0.0	0.0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	1.0	0.5	2.0	2.0	2.0	1.0
Common Sailor	<i>Neptis hylas hylas</i>	-	0.0	1.0	0.0	0.0	0.0	0.0
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	0.0	0.0	0.0	1.0	0.0	2.0
Angled Castor	<i>Ariadne ariadne atternus</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Common Palmfly	<i>Elymnias hypermnestra hainana</i>	-	0.0	0.0	0.0	0.5	1.0	1.0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1.5	1.5	0.0	0.5	2.0	1.0
Long-tailed Blue	<i>Lampides boeticus</i>	-	0.0	0.0	0.0	0.0	0.0	1.0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	6.5	6.0	2.0	4.5	3.0	10.0
Tiny Grass Blue	<i>Zizula hylax</i>	-	0.5	0.0	0.0	0.0	0.0	2.0
Dark Cerulean	<i>Jamides bochus bochus</i>	-	1.0	0.0	0.0	0.0	0.0	0.0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	2.5	0.0	1.0	0.5	1.0	0.0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	0.5	0.0	0.0	0.0	0.0	0.0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1.5	0.0	0.0	0.0	0.0	0.0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	0.5	1.0	1.0	3.0	7.0	11.0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	0.5	3.0	1.0	0.0	0.0	1.0
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	0.5	0.5	0.0	0.0	0.0	0.0
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	0.0	0.0	0.0	0.5	1.0	2.0
Common Mime	<i>Chilasa clytia clytia</i>	-	0.0	0.0	0.0	0.5	2.0	0.0
Lime Butterfly	<i>Papilio demoleus</i>	-	0.0	0.0	0.0	0.0	0.0	1.0
Red Helen	<i>Papilio helenus</i>	-	0.0	0.0	0.0	0.5	0.0	0.0
Common Mormon	<i>Papilio polytes polytes</i>	-	2.5	2.5	1.0	1.0	8.0	3.0
Spangle	<i>Papilio protenor</i>	-	0.0	0.0	0.0	0.5	3.0	1.0
Paris Peacock	<i>Papilio paris</i>	-	0.5	0.0	0.0	0.0	0.0	0.0
No. of Species Recorded			14	9	7	13	12	15

(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)
- V indicates the species is recorded outside regular surveys

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾						
			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	
Odonate									
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	0.0	0.0	2.5	2.0	0.0	0.0	
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	1.5	0.0	1.0	1.5	0.0	1.0	
Common Bluetail	<i>Ischnura senegalensis</i>	-	10.5	3.0	4.0	2.0	0.0	2.0	
Blue Sprite	<i>Pseudagrion microcephalum</i>	LC	0.0	0.0	0.5	1.0	0.0	0.0	
Yellow Featherlegs	<i>Copera marginipes</i>	-	0.0	0.0	0.5	0.5	0.0	2.0	
Pale-spotted Emperor	<i>Anax guttatus</i>	-	3.0	2.0	5.0	6.5	0.0	1.0	
Lesser Emperor	<i>Anax parthenope julius</i>	-	0.0	0.0	0.5	1.0	0.0	1.0	
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>	-	0.5	1.0	3.0	3.0	0.0	5.0	
Golden Flangetail	<i>Sinictinogomphus clavatus</i>	-	1.0	0.5	0.0	0.0	0.0	0.0	
Regal Pond Cruiser	<i>Epopthalmia elegans</i>	-	0.0	0.5	1.0	1.0	3.0	3.0	
Asian Pintail	<i>Acisoma panorpoides</i>	-	1.0	0.0	0.0	1.0	0.0	2.0	
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	7.0	4.0	8.0	16.5	12.0	14.0	
Asian Amberwing	<i>Brachythemis contaminata</i>	-	2.0	2.0	4.5	3.5	3.0	7.0	
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	5.0	6.0	9.5	14.0	4.0	2.0	
Blue Percher	<i>Diplacodes trivialis</i>	-	0.5	0.0	0.0	0.0	0.0	0.0	
Amber-winged Glider	<i>Hydrobasileus croceus</i>	-	0.0	0.0	1.0	1.5	0.0	0.0	
Coastal Glider	<i>Macrodiplax cora</i>	LC	0.0	0.0	2.0	2.0	1.0	0.0	
Pied Percher	<i>Neurothemis tullia tullia</i>	-	13.0	0.5	7.5	5.0	9.0	11.0	
Mangrove Skimmer	<i>Orthetrum poecilops</i>	GC, VU	0.5	0.0	0.0	0.0	0.0	0.0	
Common Red Skimmer	<i>Orthetrum prunosum neglectum</i>	-	0.0	0.0	0.5	0.0	0.0	0.0	
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	8.5	5.0	6.5	9.0	8.0	16.0	
Wandering Glider	<i>Pantala flavescens</i>	-	9.0	2.0	15.5	17.5	4.0	9.0	
Pied Skimmer	<i>Pseudothemis zonata</i>	-	2.0	3.0	2.5	2.5	0.0	0.0	

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾						
			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	
Ruby Darter	Rhodothemis rufa	LC	0.5	1.0	2.5	3.0	0.0	1.0	
Variiegated Flutterer	Rhyothemis variegata arria	-	36.5	39.0	36.5	25.0	16.0	14.0	
Evening Skimmer	Tholymis tillarga	-	3.5	5.0	4.5	4.5	3.0	1.0	
Saddlebag Glider	Tramea virginia	-	6.0	5.0	2.5	2.5	4.0	5.0	
Scarlet Basker	Urothemis signata signata	LC	1.5	0.5	0.0	1.0	4.0	1.0	
Dingy Dusk-darter	Zyxomma petiolatum	-	1.5	0.5	0.5	8.0	0.0	1.0	
No. of Species Recorded			21	18	24	25	13	20	
Butterfly			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	
Blue Tiger	Tirumala limniace	-	0.0	0.0	0.5	0.5	0.0	0.0	
Common Tiger	Danaus genutia	-	0.0	0.0	0.0	0.0	0.0	1.0	
Blue-spotted Crow	Euploea midamus midamus	-	0.5	0.0	0.5	3.0	1.0	0.0	
Common Indian Crow	Euploea core amymone	-	0.0	0.0	0.5	0.5	0.0	0.0	
Lemon Pansy	Junonia lemonias lemonias	-	0.0	0.0	0.5	0.0	0.0	0.0	
Great Egg-fly	Hypolimnas bolina kezia	-	0.5	0.5	2.0	3.0	5.0	8.0	
Danaid Egg-fly	Hypolimnas misippus	LC	1.5	0.0	0.0	0.0	0.0	0.0	
Common Sailor	Neptis hylas hylas	-	0.0	0.5	0.5	1.0	1.0	1.0	
Red Ring Skirt	Hestina assimilis assimilis	-	0.0	0.0	1.0	4.0	0.0	4.0	
Southern Sullied Sailer	Neptis clinia susruta	-	0.0	0.0	0.0	0.0	0.0	1.0	
Angled Castor	Ariadne ariadne alterna	-	0.0	0.0	0.5	0.0	0.0	0.0	
Common Duffer	Discophora sondaica tulliana	-	0.0	0.5	0.0	0.0	0.0	0.0	
Common Evening Brown	Melanitis leda	-	V	0.0	0.0	1.5	0.0	0.0	
Common Palmfly	Elymnias hypermnestra hainana	-	V	0.5	0.0	0.5	0.0	1.0	
Dark Brand Bush Brown	Mycalesis mineus mineus	-	0.5	0.5	2.5	2.0	4.0	5.0	
South China Bush Brown	Mycalesis zonata	-	0.0	0.0	0.0	0.0	2.0	1.0	
Chocolate Royal	Remelana jangala mudra	-	0.0	0.0	0.0	0.0	2.0	0.0	
Gram Blue	Euchrysops cnejus	-	0.0	0.0	0.0	0.0	0.0	1.0	
Slate Flash	Rapala manea	-	0.0	0.0	0.0	0.0	0.0	V	
Long-tailed Blue	Lampides boeticus	-	1.5	0.0	0.0	0.0	0.0	1.0	
Pale Grass Blue	Pseudozizeeria maha serica	-	7.0	9.0	4.5	7.5	5.0	6.0	

Butterfly			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022
Lesser Grass Blue	Zizina otis	-	0.0	1.0	2.0	2.0	0.0	0.0
Tiny Grass Blue	Zizula hylax	-	1.5	0.5	0.5	1.5	7.0	11.0
Tailless Line Blue	Prosotas dubiosa	-	3.5	3.0	2.0	0.0	4.0	16.0
Dark Cerulean	Jamides bochus bochus	-	0.0	0.5	0.0	0.0	0.0	0.0
Red-base Jezebel	Delias pasithoe pasithoe	-	0.5	0.0	0.5	0.5	1.0	2.0
Indian Cabbage White	Pieris canidia canidia	-	0.5	0.0	0.0	0.0	0.0	0.0
Small Cabbage White	Pieris rapae crucivora	-	2.0	0.0	0.0	0.0	0.0	0.0
Lemon Emigrant	Catopsilia pomona pomona	-	7.0	1.0	1.0	2.0	1.0	2.0
Common Grass Yellow	Eurema hecabe hecabe	-	2.5	2.0	2.5	4.0	0.0	0.0
Three-spot Grass Yellow	Eurema blanda hylama	-	2.0	0.5	0.5	1.0	3.0	3.0
Common Bluebottle	Graphium sarpedon sarpedon	-	0.5	0.0	0.0	0.0	0.0	0.0
Common Jay	Graphium doson axion	-	0.0	0.0	0.0	0.0	1.0	0.0
Tailed Jay	Graphium agamemnon agamemnon	-	0.0	0.0	0.0	0.0	0.0	1.0
Common Mime	Chilasa clytia clytia	-	1.5	0.5	0.5	1.0	6.0	5.0
Lime Butterfly	Papilio demoleus	-	0.0	1.0	0.0	0.0	0.0	0.0
Common Mormon	Papilio polytes polytes	-	1.5	0.5	3.5	2.5	2.0	2.0
Spangle	Papilio protenor	-	0.0	0.0	0.0	0.0	0.0	1.0
Paris Peacock	Papilio paris	-	0.5	0.0	0.0	0.0	0.0	0.0
Common Awl	Hasora badra badra	LC	0.0	0.0	0.0	0.0	0.0	V
Pale Palm Dart	Telicota colon	LC	0.0	0.0	0.5	0.0	0.0	0.0
Dart	Potanthus sp.	-	0.5	0.5	0.0	0.0	0.0	V
Formosan Swift	Borbo cinnara	-	0.0	1.0	0.5	0.0	0.0	1.0
Little Branded Swift	Pelopidas agna	-	0.0	0.0	0.0	0.0	V	0.0
Conjoined Swift	Pelopidas conjunctus	-	0.0	0.0	1.0	0.5	0.0	0.0
Small Branded Swift	Pelopidas mathias oberthueri	-	0.0	0.5	0.0	0.0	V	0.0
Rare Swift	Parnara ganga	-	0.0	1.0	0.0	0.0	0.0	0.0
Colon Swift	Caltores bromus	-	0.0	1.0	0.5	0.5	1.0	1.0
Dark Swift	Caltores cahira	-	0.0	0.0	0.0	0.5	1.0	0.0
Swift	Pelopidas sp.	-	0.0	0.0	0.0	0.0	0.0	V
Chinese Dart	Potanthus confucius confucius	-	0.0	0.0	0.5	0.0	0.0	1.0

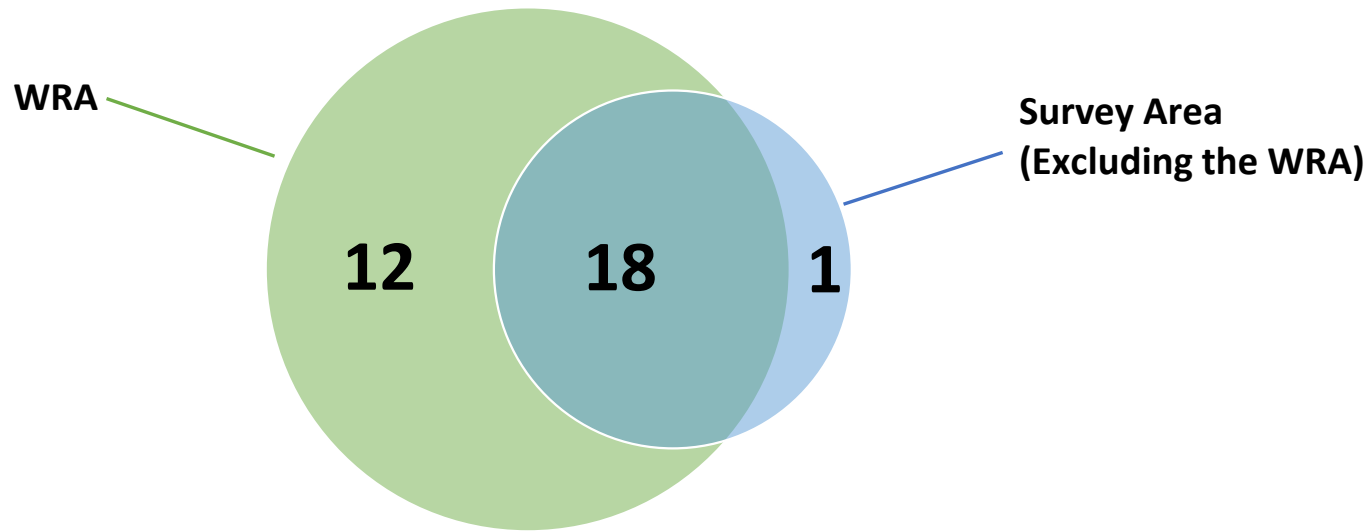
Butterfly			May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022
Indian Palm Bob	Suastus gremius gremius	-	0.0	0.0	0.5	0.0	0.0	0.0
Banana Skipper	Erionota torus	-	0.5	0.0	0.0	0.0	0.0	0.0
Grass Demon	Udaspes folus	-	0.0	0.0	0.0	0.0	0.0	1.0
No. of Species Recorded			22	21	25	21	19	28

(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

V indicates the species is recorded outside regular surveys

Chart C4: Number of Common Dragonfly Species and Dragonfly Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period

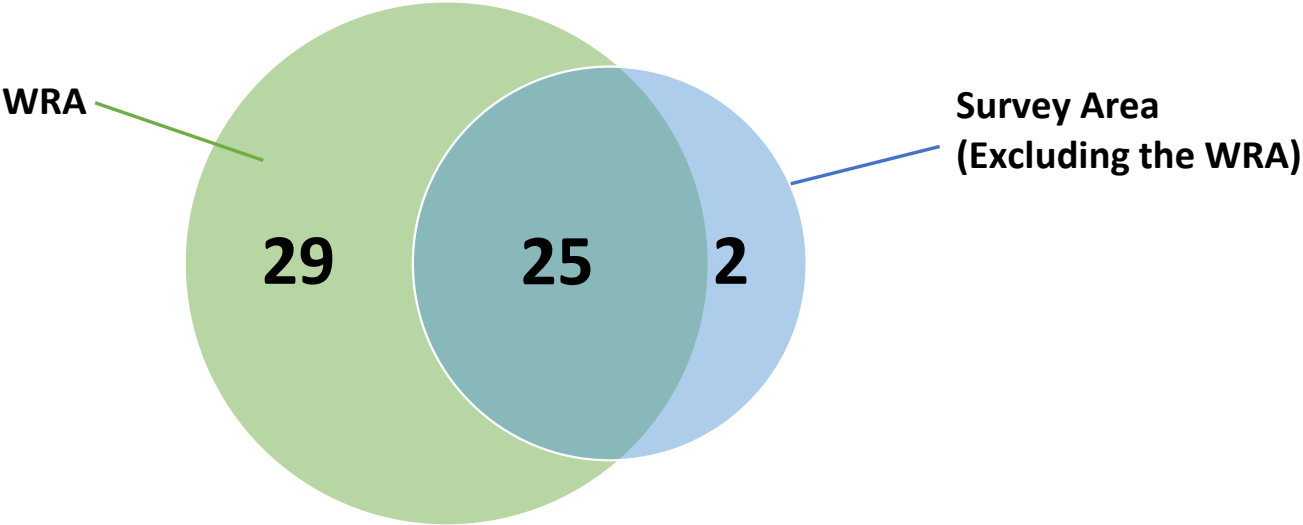


Species Only Found in the WRA	
Asian Pintail	Evening Skimmer
Blue Percher	Lesser Emperor
Blue Sprite	Mangrove Skimmer
Common Red Skimmer	Pied Percher
Dingy Dusk-darter	Ruby Darter
Dingy Dusk-hawker	Yellow Featherlegs
12	

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)	
Amber-winged Glider	Orange-tailed Sprite
Asian Amberwing	Pale-spotted Emperor
Blue Dasher	Pied Skimmer
Coastal Glider	Regal Pond Cruiser
Common Bluetail	Saddlebag Glider
Common Flangetail	Scarlet Basker
Crimson Darter	Variegated Flutterer
Golden Flangetail	Wandering Glider
Green Skimmer	Wandering Midget
18	

Species Only Found in the Survey Area (Excluding the WRA)
Emerald Cascader
1

Chart C5: Number of Common Butterfly Species and Butterfly Species Only Found in the WRA or Survey Area (Excluding the WRA) During the Reporting Period



Species Only Found in the WRA	
Banana Skipper	Gram Blue
Blue Tiger	Grass Demon
Chinese Dart	Indian Palm Bob
Chocolate Royal	Lesser Grass Blue
Colon Swift	Little Branded Swift
Common Awl	Pale Palm Dart
Common Duffer	Rare Swift
Common Evening Brown	Slate Flash
Common Indian Crow	Small Branded Swift
Common Jay	South China Bush Brown
Conjoined Swift	Southern Sullied Sailer
Danaid Eggfly	Swift
Dark Swift	Tailed Jay
Dart	Tailless Line Blue
Formosan Swift	
29	

Common Species Found in Both the WRA and Survey Area (Excluding the WRA)	
Angled Castor	Lemon Emigrant
Blue-spotted Crow	Lemon Pansy
Common Bluebottle	Lime Butterfly
Common Grass Yellow	Long-tailed Blue
Common Mime	Pale Grass Blue
Common Mormon	Paris Peacock
Common Palmfly	Red Ring Skirt
Common Sailor	Red-base Jezebel
Common Tiger	Small Cabbage White
Dark Brand Bush Brown	Spangle
Dark Cerulean	Three-spot Grass Yellow
Great Egg-fly	Tiny Grass Blue
Indian Cabbage White	
25	

Species Only Found in the Survey Area (Excluding the WRA)
Plain Tiger
Red Helen
2

D. Summary of Water Quality Monitoring

**Table D1. Water quality at WRA
 May 2022**

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (17 May) (cm)	Water Level (30 May) (cm)
1	26.5	6.8	0.4	9.8	5.3	210	210
2	26.6	6.8	0.4	4.2	4.9	180	180
3	26.2	7.0	0.3	3.3	6.3	225	220
4	26.2	7.0	0.3	3.3	6.0	220	215

Jun 2022

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (15 Jun) (cm)	Water Level (29 Jun) (cm)
1	30.2	6.6	0.4	8.4	4.0	200	200
2	29.7	6.8	0.4	6.2	3.3	180	190
3	29.8	6.8	0.5	2.3	3.9	210	215
4	29.9	6.8	0.5	2.8	4.2	205	200

Jul 2022

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (4 Jul) (cm)	Water Level (19 Jul) (cm)
1	32.0	6.8	0.2	21.0	4.5	220	200
2	32.0	6.9	0.2	23.0	4.3	195	180
3	32.6	7.0	0.2	9.5	2.2	220	200
4	32.6	6.9	0.2	9.1	1.7	210	190

Aug 2022

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (9 Aug) (cm)	Water Level (25 Aug) (cm)
1	32.6	7.3	0.1	9.0	6.3	210	215
2	31.8	7.1	0.2	9.3	3.5	190	220
3	31.8	7.2	0.2	3.9	4.7	200	190
4	31.5	7.0	0.2	6.4	2.4	210	220

Sep 2022

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (15 Sep) (cm)	Water Level (30 Sep) (cm)
1	28.6	6.8	0.2	13.5	4.1	200	195
2	28.6	6.9	0.2	13.9	4.8	170	160
3	28.7	7.0	0.2	12.4	3.1	210	205
4	29.0	7.2	0.2	7.4	3.8	205	200

Oct 2022

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (5 Oct) (cm)	Water Level (29 Oct) (cm)
1	27.2	7.4	0.2	9.0	5.6	200	180
2	25.3	7.3	0.2	12.3	5.0	170	150
3	25.7	7.3	0.2	5.8	5.7	210	190
4	26.0	7.4	0.2	6.0	4.7	205	190

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

Oct 2022

Monitoring Location	Ammonia-N (mg/L)	NOx-N (mg/L)	Total P (mg/L)	Reactive P (mg/L)	BOD (mg/L)
Cell 1-1	0.13	0.04	0.54	<0.01	11.0
Cell 1-2	0.15	0.05	0.60	<0.01	10.0
Cell 1-3	0.14	0.05	0.28	<0.01	5.0
Cell 2-1	0.10	0.04	0.12	<0.01	6.0
Cell 2-2	0.10	0.04	0.12	<0.01	6.0
Cell 2-3	0.09	0.04	0.10	<0.01	5.0
Cell 3-1	0.01	<0.01	0.11	<0.01	5.0
Cell 3-2	<0.01	<0.01	0.10	<0.01	6.0
Cell 3-3	0.02	<0.01	0.11	<0.01	5.0
Cell 4-1	<0.01	<0.01	0.07	<0.01	3.0
Cell 4-2	<0.01	<0.01	0.07	<0.01	3.0
Cell 4-3	0.03	<0.01	0.08	<0.01	3.0
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 water samples for ex-situ laboratory analysis were collected on 14 October 2022.