



Proposed Comprehensive Development at Wo Shang Wai, Yuen Long

Biannual EM&A Summary Report on Ecology for
November 2019 – April 2020 (Rev A)

3 July 2020

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Pursuant to Condition 4.6 of Environmental Permit No. EP-311/2008/E, this Biannual EM&A Report on ecological aspects for November 2019 to April 2020 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 and associated infrastructure and wetland restoration area and linear landscape area. The construction works under the Environmental Permit commenced on 12 May 2010. The site formation construction works of the Wetland Restoration Area (hereafter WRA) were completed on 15 November 2010, and the WRA was established by October 2012, within 30 months from the commencement of construction as stipulated in the EP. This indicated that planting works as scheduled in the approved Wetland Restoration and Creation Scheme (WRCS; November 2009) was completed, except along the western and southern boundary where the planting is affected by the existing site boundary and noise barrier, and for which a Variation to Environmental Permit (EP-311/2008/C) to defer planting at the location was approved. The current valid EP (EP-311/2008/E) includes specific mitigation measures to minimise certain identified noise impacts during the operation phase of the Project.

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

According to the EP Condition 4.6, the EM&A results on ecological aspects during the construction phase should be reported to the EIA Subcommittee of the Advisory Council on the Environment (ACE), EPD and Agriculture, Fisheries and Conservation Department (AFCD) on a biannual basis. This is the 20th Biannual EM&A report and it summarises the findings on EM&A results of ecological aspects during the period from 1 November 2019 to 30 April 2020. This report documents surveys and management activities conducted in the Survey Area and WRA from 1 November 2019 to 30 April 2020, which is based on ecological surveys and advice on management which was undertaken by the appointed Non-Government Organisations (Green Power / Eco-Education & Resources Centre) during the reporting period.

1.2 Survey Area

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

1.3 EM&A Requirement on Ecological Impact

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

Table 1.1: Summary of Ecological Impact EM&A Requirements

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

2 Ecological Monitoring

2.1 Ecological Monitoring

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

2.2 Monitoring of Birds

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

Bird surveys were conducted on a weekly basis throughout the period. A total of 76 bird species were recorded in the Survey Area (excluding the WRA) in the survey period (i.e. November 2019 to April 2020), 42 of which were species of conservation importance and/or wetland-dependence. A summary of survey data is provided in **Appendix B**.

A total of 71 species were recorded in the WRA in the survey period, 36 of which were species of conservation importance and/or wetland-dependent species. All of the three target species¹ (i.e. Little Egret, *Egretta garzetta*, Eastern Cattle Egret, *Bubulcus coromandus*, and Chinese Pond Heron, *Ardeola bacchus*) were recorded in the WRA during regular survey. The WRA continues to attract a number of species of conservation importance, including Little Grebe, *Tachybaptus ruficollis*, Great Cormorant, *Phalacrocorax carbo*, Grey Heron, *Ardea cinerea*, Great Egret, *Ardea alba*, Intermediate Egret, *Egretta intermedia*, Eurasian Spoonbill, *Platalea leucorodia*, Black-faced Spoonbill, *Platalea minor*, Western Osprey, *Pandion haliaetus*, Black-crowned Night Heron, *Nycticorax nycticorax*, Black Kite, *Milvus migrans*, Eurasian Teal, *Anas crecca*, Peregrine Falcon, *Falco peregrinus*, Greater Painted-snipe, *Rostratula benghalensis*, Pacific Golden Plover, *Pluvialis fulva*, Black-winged Stilt, *Himantopus himantopus*, Little Ringed Plover, *Charadrius dubius*, Oriental Pratincole, *Glareola maldivarum*, Common Greenshank, *Tringa nebularia*, Wood Sandpiper, *Tringa glareola*, Black-headed Gull, *Chroicocephalus ridibundus*, Red-necked Stint, *Calidris ruficollis*, Pied Kingfisher, *Ceryle rudis*, White-throated Kingfisher, *Halcyon smyrnensis*, Pacific Swift, *Apus pacificus* and Chinese Penduline-Tit, *Remiz consobrinus*. Little Grebe, Eurasian Spoonbill, Black-crowned Night Heron, Peregrine Falcon, Greater Painted-snipe, Pacific Golden Plover, Little Ringed Plover, Oriental Pratincole, Wood Sandpiper, Red-necked Stint, Pied Kingfisher, White-throated Kingfisher and Pacific Swift are listed by Fellowes et al. as of “Local Concern” in 2002. Great Cormorant, Grey Heron, Great Egret and Black-headed Gull are listed by Fellowes et al. as of “Potential Regional Concern” in 2002. Intermediate Egret, Western Osprey, Black Kite, Eurasian Teal, Black-winged Stilt, Common Greenshank and Chinese Penduline-Tit are listed by Fellowes et al. as of “Regional

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*.

Concern” in 2002. Black-faced Spoonbill is listed by Fellowes et al. as of “Potential Global Concern” in 2002. Black-faced Spoonbill is also listed as “Endangered” species on the IUCN red list. In addition to wetland dependent birds, the WRA also attracts a number of terrestrial birds including Greater Coucal, *Centropus sinensis* which are listed as vulnerable (VU) in the China Red Data Book and it is protected under terrestrial wildlife state protection (category II). Survey findings indicate that the WRA not only provides important habitat for wetland-dependence birds but also the terrestrial birds.

The fish ponds to the north of the WRA are at a greater distance from the residential portion and any disturbance impact(s) from the construction works would have first affected the WRA. Further, 36 bird species of conservation importance and /or wetland dependence, were observed using the site during survey period, including some bird species which are highly sensitive to disturbance and three target species (i.e. Little Egret, Eastern Cattle Egret and Chinese Pond Heron). Thus, the WRA is considered to be effective both in acting as a buffer against potential disturbance impacts from the construction site, and in providing suitable wetland habitats at the fringe of the Deep Bay system.

2.3 Monitoring of Herpetofauna

Monitoring was undertaken following the survey methodology in the EM&A Manual. Day-time herpetofauna surveys were conducted once a month in November 2019 and April 2020. Night-time herpetofauna surveys were conducted once a month between March 2020 and April 2020. Further, notable herpetofauna observations during other surveys were also recorded.

No amphibian species and one reptile species was recorded in the survey area (excluding the WRA) within the survey period.

No amphibian species nor reptile species were recorded in the WRA within the survey 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 once per month in November 2019 and March 2020, and twice per month in April 2020. Further, notable dragonfly and butterfly observations during other surveys were recorded.

A total of 4 dragonfly species and 4 butterfly species were recorded using the ponds in the Survey Area (excluding WRA) in the reporting period. At the WRA, a higher diversity of dragonfly species (6 species) and butterfly species (11 species) were recorded.

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

2.5 Monitoring of Mammals

Monitoring of mammals was conducted concurrently with other surveys.

No mammal species was recorded in the Survey Area (excluding WRA) within the reporting period. Two unidentified bat 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. In November 2019, December 2019, January 2020, February 2020, March 2020 and in April 2020, the water level of all Cells reached the action level.

According to the ecological monitoring data, the low water level in the WRA attracted wetland-dependent species including Little Grebe, Great Cormorant, Grey Heron, Great Egret, Intermediate Egret, Eurasian Spoonbill, Black-faced Spoonbill, Western Osprey, Black-crowned Night Heron, Black Kite, Eurasian Teal, Eastern Buzzard, White-breasted Waterhen, Common Moorhen, Greater Painted-snipe, Pacific Golden Plover, Black-winged Stilt, Little Ringed Plover, Oriental Pratincole, Common Greenshank, Green Sandpiper, Wood Sandpiper, Common Sandpiper, Black-headed Gull, Red-necked Stint, Pied Kingfisher, White-throated Kingfisher, Common Kingfisher, Eastern Yellow Wagtail, White Wagtail and Chinese Penduline-Tit. As the low water level attracts wetland-dependent birds, the existing water level will be maintained.

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

Removal of exotic vegetation in all cells was undertaken; these included but not limited to *Ipomoea* sp., *Mikania* sp., *Mimosa* sp., *Pennisetum* sp. and *Typha* sp..

Vegetation management activities undertaken at the site primarily involved watering of plants, weeding and grass cutting.

3.2 Wildlife Management

Golden Apple Snails were removed on an "as-seen" basis.

All red fire ant nests were treated with approved pesticide and covered with overturn baskets for a week. All pesticide used was in powder form and the pesticide usage was confined to Fire Ants' nest found on terrestrial area which were further away from the Cells to prevent the contamination of water. All treated fire ant nests were inactive within one week of treatment.

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

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

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

4 Summary of Wetland Restoration Area Performance

4.1 Summary of Findings

Ecological monitoring between 1 November 2019 and 30 April 2020 was carried out following the survey methodology and frequency outlined in the EM&A Manual.

Summary of ecological monitoring in the Survey Area and WRA between November 2019 and April 2020 (**Table 4.1**):

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

Species	Number of species recorded in Survey Area (excluding WRA)	Number of species recorded in WRA
Birds (total)	76	71
Birds (of conservation importance and/or wetland-dependence)	42	36
Amphibians	0	0
Reptiles	1	0
Mammals	0	2
Dragonflies	4	6
Butterflies	4	11

A total of 71 bird species, 2 mammal species, 6 dragonfly species and 11 butterfly species were recorded in the WRA, including 36 bird species of conservation importance and/or wetland-dependence, while all dragonfly species are wetland-dependent. These findings indicate that the WRA is supporting wetland-dependent birds and other species of conservation importance.

Survey findings indicate that the WRA is attracting all of the three target species (Little Egret, Eastern Cattle Egret and Chinese Pond Heron) to varying degrees. During the survey period (i.e. November 2019 to April 2020), the site was particularly attractive to Little Egret. Little Egret was recorded on nearly a weekly basis, with monthly means ranging from 4.8 to 16.4 birds per survey; while Chinese Pond Heron was also recorded on nearly a weekly basis in the regular survey period (November 2019 to April 2020) with monthly means ranging from 1.4 to 5.6 bird per survey. Eastern Cattle Egret was least attracted to the site. Eastern Cattle Egret was recorded once in a monthly regular survey and once outside surveys within the survey period. A list of the bird species recorded at the WRA since completion of site formation is provided in **Appendix B (Table B4 to B7)**.

With the completion of planting as scheduled in the approved Habitat Creation and Management Plan (HCMP) in August 2012, establishment work at the WRA is considered complete (except along the western and southern boundary where the planting is affected by the existing site boundary and noise barrier, and for which an approved Variation to Environmental Permit (EP-311/2008/D) to defer planting at the location applies), and the 30-month establishment period concluded in October 2012. A review of the performance of the

WRA during the review period in terms of target species attraction is provided in Section 4.2 below.

It should be noted that the high planting density was intended to ensure a rapid establishment of the site prior to occupation intake, and not intended to be maintained as a long-term tree density at the WRA. It is a standard arboricultural practice to apply appropriate horticultural/ arboricultural maintenance methods in the subsequent five or six years after initial planting to remove less desired specimens to facilitate the successful growth of those which are of higher landscape and/or ecological value. Further, some fine tuning of planting locations and tree/shrub mix is required in order to fulfil the design intent of the habitat structure at WRA after reviewing the site configuration following site formation. Vegetation management hereafter should largely consist of maintenance of planted trees and shrubs for the creation of suitable habitats for target species and long-term habitat structure of the site.

4.2 WRA Performance for the Bird Target Species

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

Of all three target species, all of them (i.e. Little Egret, Eastern Cattle Egret and Chinese Pond Heron) were recorded using the site under survey period (November 2019 to April 2020). Among all target species, Little Egret and Chinese Pond Heron were recorded in all six months during the regular survey.

Table 4.2: Biannual mean & Annual mean of the three target species of the WRA from November 2018 to April 2020

Common Name	Scientific Name	Conservation Status ⁽²⁾	Baseline Annual Mean ⁽³⁾	Biannual Mean			Annual Mean	
				Nov 18 - Apr 19	May 19 - Oct 19	Nov 19 - Apr 20	May 18 - Apr 19	May 19 - Apr 20
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC, (RC)	1.3	2.6	3.1	3.6	2.2	3.4
Little Egret	<i>Egretta garzetta</i>	PRC, (RC)	5.5	5.9	5.4	8.7	4.8	6.9
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)	1.3	0.0	0.0	<0.1	<0.1	<0.1

Notes:

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

Based on **Table 4.2** above, the target annual mean level of the Chinese Pond Heron and Little Egret have been achieved between May 2019 to April 2020 while the target level for Eastern Cattle Egret has not been achieved.

As the Proposed Comprehensive Development at Wo Shang Wai is still under construction phase, it is considered acceptable for the target species levels have not been achieved. According to the ecological monitoring data of the Survey Area (excluding the WRA), Eastern Cattle Egret was observed only in 9 out of 28 regular surveys and 7 out of 22 outside surveys and the biannual mean of the Eastern Cattle Egret of survey area (excluding the WRA) is 1.2 bird per survey (November 2019 – April 2020), the results indicated that the number of Eastern Cattle Egret in the whole area is low and the low number of Eastern Cattle Egret in the WRA is considered acceptable. However, should this situation continue, a review of the management of the WRA and adaptive management steps will be required.

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

In addition, though the target levels for Eastern Cattle Egret have not been achieved between November 2019 to April 2020, the WRA continues to attract wetland dependent species. Among all the wetland dependent species, Little Grebe, Eurasian Spoonbill, Black-crowned Night Heron, Peregrine Falcon, Greater Painted-snipe, Pacific Golden Plover, Little Ringed Plover, Oriental Pratincole, Wood Sandpiper, Red-necked Stint, Pied Kingfisher, White-throated Kingfisher, Pacific Swift are listed by Fellowes et al. as of “Local Concern” in 2002. Great Cormorant, Grey Heron, Great Egret and Black-headed Gull are listed by Fellowes et al. as of “Potential Regional Concern” in 2002. Intermediate Egret, Western Osprey, Black Kite, Eurasian Teal, Common Greenshank and Chinese Penduline-Tit are listed by Fellowes et al. as of “Regional Concern” in 2002. Black-faced Spoonbill is listed by Fellowes et al. as of “Potential Global Concern” in 2002. Black-faced Spoonbill is also listed as “Endangered” species on the IUCN red list.

A summary of the annual mean of bird species of conservation importance and/or wetland-dependence recorded in the WRA from November 2019 to April 2020 is shown in **Table 4.3**.

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

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

Common Name	Scientific Name ⁽³⁾	Wetland Dependence	Conservation Status ⁽¹⁾	Annual mean number recorded during the Baseline Ecological Monitoring	Mean number recorded between Nov 2019 - Apr 2020 ⁽²⁾
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	0.0	1.1
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	0.5	0.5
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	0.1	1.8
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	V	1.8
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	V

Common Name	Scientific Name ⁽³⁾	Wetland Dependence	Conservation Status ⁽¹⁾	Annual mean number recorded during the Baseline Ecological Monitoring	Mean number recorded between Nov 2019 - Apr 2020 ⁽²⁾
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	5.5	8.4
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	1.3	<0.1
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	1.3	3.5
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	0.2	V
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	V
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	V
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	V
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	0.0	V
Black Kite	<i>Milvus migrans</i>	Y	(RC)	1.2	<0.1
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	V
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	V
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	0.2	0.5
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0.0	0.1
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.0	V
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.0	0.2
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	V	0.8
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.1
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.1	<0.1
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.0	0.1
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.0	0.3
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	0.4
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.2	0.6
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.1	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	<0.1
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Y	PRC	0.0	V
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	V	V
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.1
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.0	<0.1
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.0	0.7
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	10.0	0.2
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	2.2	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	0.9	1.0
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Y	-	0.1	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.1	0.0
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0.0	V

Common Name	Scientific Name ⁽³⁾	Wetland Dependence	Conservation Status ⁽¹⁾	Annual mean number recorded during the Baseline Ecological Monitoring	Mean number recorded between Nov 2019 - Apr 2020 ⁽²⁾
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.9	0.0
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.1	0.0

Notes:

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

(2) Refers to the mean number of individuals recorded between Nov 2019 – Apr 2020 in the WRA

(3) Follows HK bird list (dated 2017-09-05)

V indicates the species is recorded outside regular surveys

* Red-billed Starling is considered by Fellowes *et al.* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)

4.3 Conclusions

A total of 139 bird species have been recorded within the WRA since completion of site formation. Of the 139 species, 84 were species of conservation importance and/or wetland dependence – indicating that the WRA provides suitable habitats for these species despite the construction work within the residential portion of the Project Site.

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

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

Table 4.4: Total number of bird species of conservation importance and/or wetland-dependence recorded in the WRA from November 2010 to April 2020

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 - Apr 20
Bird species of conservation importance and/ or wetland-dependence	48	33	36	39	45	46	46	42	34	36

According to **Table 4.4**, the total number of bird species of conservation importance and/or wetland-dependence recorded in the WRA is stable which indicates the WRA provides a suitable habitat for these species despite the construction work within the residential portion of the Project Site.

The site is also 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 provides not only a buffer for potential disturbance during the construction phase, but also a valuable habitat for wetland dependent species and species of conservation importance.

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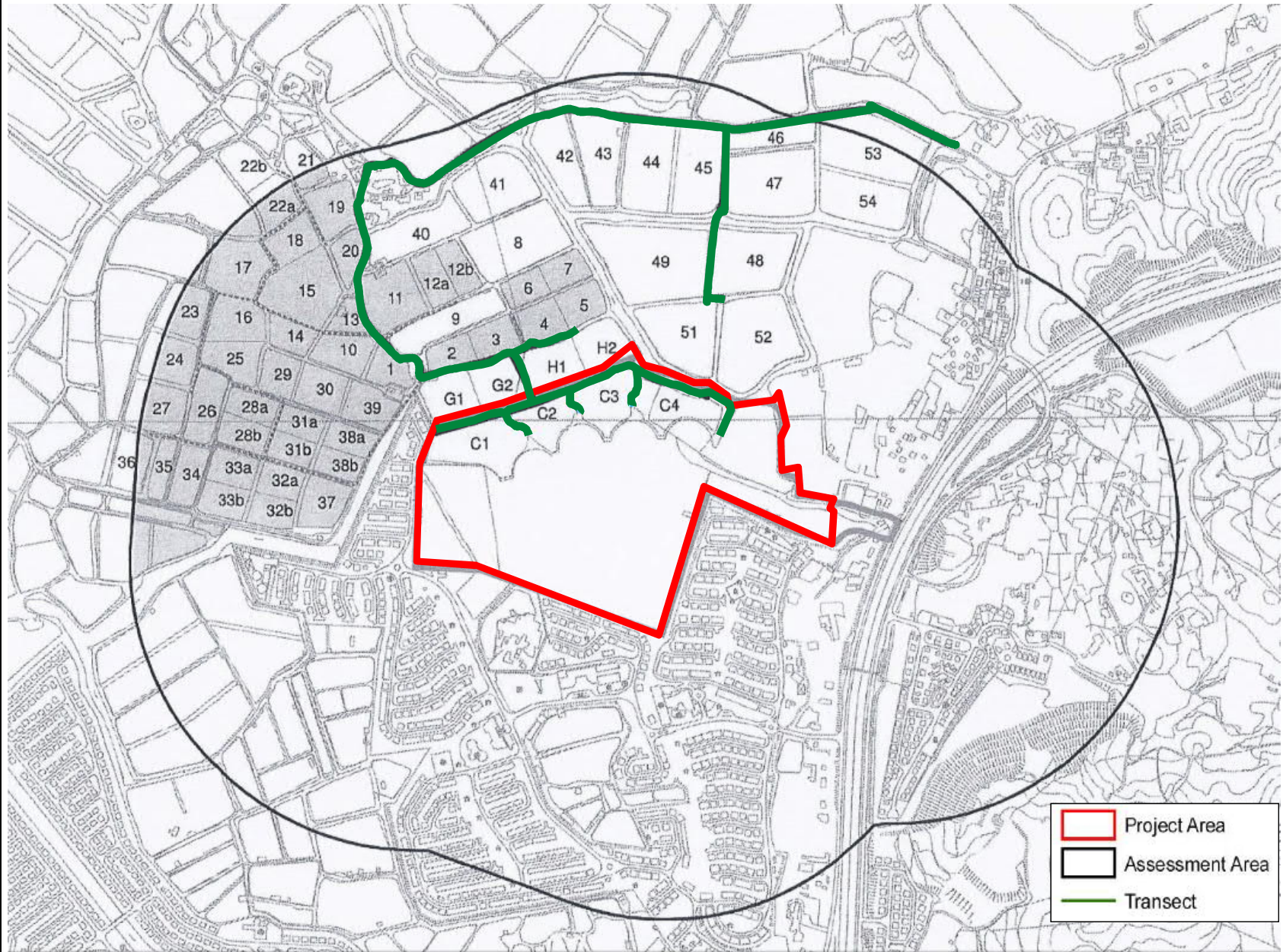
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Project Area
 Assessment Area
 Transect

Notes

Key to symbols

Project Area
 Assessment Area
 Transect

Reference drawings

Rev	Date	Drawn	Description	Ch'kd	App'd
M					
M					

Client

PROFIT POINT ENTERPRISES LIMITED

Project

PROPOSED COMPREHENSIVE DEVELOPMENT
AT WO SHANG WAI, YUEN LONG

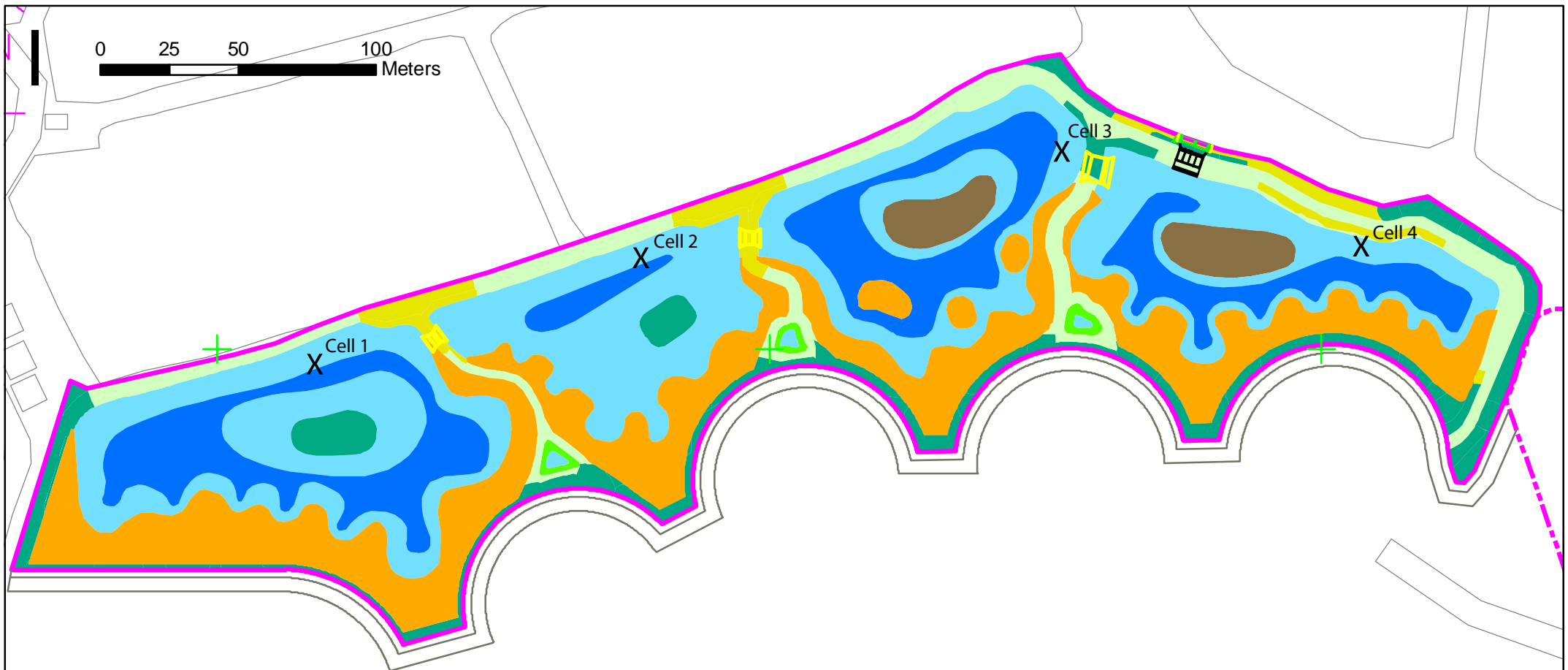
Title

**Survey Area and Transect
Walked**

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

Drawing Number

Figure 1.1



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



Appendices

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A. Schedule of Ecological Monitoring

Nov 2019	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	✓				✓		✓								✓							✓				✓		✓			
Dec 2019	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Mammals						✓							✓							✓								✓		✓	
Birds						✓							✓							✓								✓		✓	
Herpetofauna																															
Dragonflies & butterflies																															
Water Quality						+																						#		✓	
Inspection Visits			✓			✓				✓			✓				✓			✓			✓				✓	✓		✓	
Jan 2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Mammals			✓							✓							✓						✓							✓	
Birds			✓							✓							✓						✓							✓	
Herpetofauna																															
Dragonflies & butterflies																															
Water Quality										✓							+													#	
Inspection Visits			✓				✓			✓			✓				✓			✓			✓					✓		✓	

Feb 2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Mammals							✓							✓							✓							✓			
Birds							✓							✓							✓							✓			
Herpetofauna																															
Dragonflies & butterflies																															
Water Quality											+															#		✓			
Inspection Visits				✓			✓			✓			✓					✓			✓				✓		✓				
Mar 2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Mammals						✓							✓							✓							✓				
Birds						✓							✓							✓							✓				
Herpetofauna																		✓ (n)													
Dragonflies & butterflies																														✓	
Water Quality											+																✓ i			#	
Inspection Visits			✓			✓				✓			✓				✓	✓		✓				✓			✓		✓	✓	
Apr 2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Mammals			✓				✓			✓				✓							✓							✓			
Birds			✓				✓							✓							✓							✓			
Herpetofauna										✓ (n)																				✓ (d)	
Dragonflies & butterflies			✓														✓														
Water Quality											+																		#	✓	
Inspection Visits			✓				✓			✓				✓			✓				✓							✓		✓	

Notes: Light grey cells indicate public holidays, Saturdays or Sundays
 + Water level monitoring
 # Additional water level monitoring
 i In-situ water quality monitoring
 "d" and "n" indicate day-time and night-time herpetofauna surveys respectively

B. Summary of Bird Surveys

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

Common Name	Scientific Name ⁽³⁾	Wetland Dependent	Conservation Status ⁽¹⁾	Nov 2019 Mean ⁽²⁾	Dec 2019 Mean ⁽²⁾	Jan 2020 Mean ⁽²⁾	Feb 2020 Mean ⁽²⁾	Mar 2020 Mean ⁽²⁾	Apr 2020 Mean ⁽²⁾
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	7.2	13.4	11.0	12.3	8.3	5.4
Great Crested Grebe	<i>Podiceps cristatus</i>	Y	RC	0.0	0.6	0.2	0.0	0.0	0.0
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	7.4	20.6	12.8	7.3	4.8	0.0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	5.4	5.2	14.4	12.3	6.8	0.4
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	15.2	17.2	8.2	4.5	2.3	10.8
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	16.4	6.6	14.6	9.5	9.3	18.0
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	V	0.0	0.4	0.5	2.8	3.6
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	9.2	4.0	4.4	4.5	4.8	8.8
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	0.0	0.0	V	V	0.0	0.4
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.0	V	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.2	1.8	0.2	2.5	0.3	V
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	V	V	0.0	0.0
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.0	0.0	0.3	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	V	33.8	20.2	0.3	0.0	0.0
Black Kite	<i>Milvus migrans</i>	Y	(RC)	0.0	0.0	V	V	0.3	0.2
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	0.0	V	0.0	0.0	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	0.2	0.2	0.6	V	0.8	1.4
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	3.2	V	0.4	0.0	0.3	0.8
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0.0	0.2	0.0	0.3	0.3	0.4
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.0	4.2	0.3	4.0	9.2
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.0	0.2	0.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	0.0	0.0	V	0.0	0.4

Common Name	Scientific Name ⁽³⁾	Wetland Dependent	Conservation Status ⁽¹⁾	Nov 2019 Mean ⁽²⁾	Dec 2019 Mean ⁽²⁾	Jan 2020 Mean ⁽²⁾	Feb 2020 Mean ⁽²⁾	Mar 2020 Mean ⁽²⁾	Apr 2020 Mean ⁽²⁾
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	0.0	0.0	0.3	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.6
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.2
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.0	0.0	0.0	0.0	V	0.4
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	V	0.0	0.0	0.0	0.8	0.4
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	2.2	1.2	1.8	0.5	1.8	2.8
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	V	0.0	V	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.8
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	V	0.4	0.0	V	0.4
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	V	0.0	0.0
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.2	0.2	0.4	V	0.0	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.6	0.8	0.2	0.3	1.3	0.4
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.0	2.4	1.6	V	0.5	1.4
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	V	0.0	0.2
White Wagtail	<i>Motacilla alba</i>	Y	-	2.4	2.4	1.6	1.8	0.8	2.4
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	0.0	V	0.0	0.3	0.0
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	V	V	V	V	0.2
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.0	0.0	V	V	0.0	0.0
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	1.8	1.8
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.2	V	0.0	0.0	0.3	0.0
No. of Species Recorded				17	20	28	27	26	27

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

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

(3) Follows HK bird list (dated 2017-09-05)

V indicates the species is recorded outside regular surveys

* Red-billed Starling is considered by Fellowes *et al.* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)

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

Common Name	Scientific Name ⁽³⁾	Wetland Dependence	Conservation Status ⁽¹⁾	Nov 2019 Mean ⁽²⁾	Dec 2019 Mean ⁽²⁾	Jan 2020 Mean ⁽²⁾	Feb 2020 Mean ⁽²⁾	Mar 2020 Mean ⁽²⁾	Apr 2020 Mean ⁽²⁾
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	2.2	1.4	0.2	1.0	1.3	0.8
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	1.0	0.6	0.8	0.8	0.0	0.0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	5.4	1.2	1.8	2.0	0.3	V
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	1.8	1.4	3.4	3.5	0.8	0.2
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	V	0.0	0.0	0.0	0.0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	6.0	4.8	16.4	7.3	11.0	5.2
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	0.0	V	0.0	0.2
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	5.6	5.2	3.4	2.3	2.8	1.4
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	V	0.0	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	0.0	V	V	0.0	0.0
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	0.0	0.0	V	0.0	0.0	0.0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	V
Black Kite	<i>Milvus migrans</i>	Y	(RC)	0.2	0.0	V	V	V	V
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	V	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	V	V	0.0	0.0	0.0	0.0
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	0.0	0.0	V	V	0.0
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Y	-	0.2	0.2	0.4	0.3	0.3	1.8
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0.0	V	0.0	V	0.3	0.2
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.0	V	0.0	0.0	0.0	0.0
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.0	0.0	1.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.0	0.0	0.0	0.0	0.3	1.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	0.0	0.0	V	0.3	0.0
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	4.2
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.6
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	V	0.2	V	0.5	1.0	V

Common Name	Scientific Name ⁽³⁾	Wetland Dependence	Conservation Status ⁽¹⁾	Nov 2019 Mean ⁽²⁾	Dec 2019 Mean ⁽²⁾	Jan 2020 Mean ⁽²⁾	Feb 2020 Mean ⁽²⁾	Mar 2020 Mean ⁽²⁾	Apr 2020 Mean ⁽²⁾
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.0	V	0.0	0.0	0.0	2.0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	V	0.4	V	0.8	1.5	1.2
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Y	PRC	0.0	0.0	0.0	0.0	V	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.4
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.6	V	0.0	0.0	0.2
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.0	V	V	0.0	0.3	0.0
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	V	0.0	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	1.2	1.2	0.8	0.5	0.3	0.2
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.0	V	0.0	V	V	1.2
White Wagtail	<i>Motacilla alba</i>	Y	-	0.6	0.8	1.2	1.0	0.3	1.8
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	V	0.0	0.0	0.0	V	0.0
No. of Species Recorded				14	20	17	20	19	21

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

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

(3) Follows HK bird list (dated 2017-09-05).

V indicates the species is recorded outside regular surveys

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)

Table B3: Conservation Status Categories of Bird Species

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

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

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

Common name	Scientific name	Wetland Dependence	Conservation status	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
Eastern Buzzard	<i>Buteo japonicus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.0	0.0	1.0	0.4	1.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Spotted Eagle	<i>Clanga clanga</i>	N	GC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japanese Quail	<i>Coturnix japonica</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baillon's Crane	<i>Porzana pusilla</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	1.3	2.6	1.3	1.5	0.3	0.0	0.0	0.0	0.4	0.0	0.0	0.5	1.0	0.5	0.0	0.0	
Watercock	<i>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	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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
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
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	0.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.0	0.0	1.0	0.4	0.5	0.5	0.4	0.0	0.0	0.3	0.0	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	0.2	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	0.9

Common name	Scientific name	Wetland Dependence	Conservation status	Sep- 10	Oct- 10	Nov- 10	Dec- 10	Jan- 11	Feb- 11	Mar- 11	Apr- 11	May- 11	Jun- 11	Jul- 11	Aug- 11	Sep- 11	Oct- 11	Nov- 11	Dec- 11	Jan- 12	Feb- 12	Mar- 12	Apr- 12	May- 12	Jun- 12	Jul- 12	Aug- 12	Sep- 12	Oct- 12
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe^	<i>Gallinago stenura/ G. megala</i>	Y	LC	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.5	0.0	0.0	2.5	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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
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	DS	0.0	DS	DS	0.0	DS	0.0	DS	0.0	DS	0.0	0.6	
Asian Koel	<i>Eudynamis scolopaceus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Coucal#	<i>Centropus sinensis</i>	N		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.3	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
House Swift	<i>Apus nipalensis</i>	N	-	10.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.0	0.0	0.2	0.3	0.5	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.0	0.0	0.0	0.4	0.5	0.3	0.0	0.3	0.5	1.0	0.3	1.0	0.8	0.5	0.8	1.0	0.4	0.0	0.8	0.0	0.0	0.0	0.0	0.6	0.0	0.4
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Barn Swallow	<i>Hirundo rustica</i>	N	-	25.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	0.0	DS	0.0	DS	DS	3.0	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
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.0	0.0	14.5	10.2	15.0	23.5	8.2	11.8	1.8	0.0	0.0	0.2	0.8	1.5	2.0	1.2	0.6	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	0.2	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	3.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	DS	DS	DS	DS	0.0	0.0	0.0	DS	1.8	3.2
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.0	0.0	1.5	0.8	0.5	1.0	1.0	1.8	0.5	0.0	0.0	0.0	0.0	0.3	0.0	DS	0.0	DS	DS	DS	0.0	0.0	0.0	0.0	0.0	0.0
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	2.0	2.5	1.2	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.7
Buff-bellied Pipit	<i>Anthus rubescens</i>	N	LC	0.0	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	DS	0.0	DS	0.0	DS	0.0	0.0	0.0
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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
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
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

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

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

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

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

V Indicates the species is recorded outside regular surveys.

DS Indicates species recorded during survey.

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

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)

Table B5: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2012 and October 2014

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

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	
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	V	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	
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Japanese Quail	<i>Coturnix japonica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Baillon's 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>Gallicrex cinerea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	V	0.2	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	V	0.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	V	0.4	0.0	V	0.5	0.8	0.0	0.0	0.3	0.0	0.0	0.0	1.2	
Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	V	V	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	V	0.0	0.0	0.0	0.4	0.3	0.0	0.2	

Common name	Scientific name	Wetland Conservation Dependence 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	
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
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe^	<i>Gallinago stenura/G. megala</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	V	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	0.4	1.2	0.4	0.0	0.2	0.2	0.4	0.5	0.8	2.8	2.0	2.6	2.6	3.0	6.2	2.3	2.0	1.0	0.6	1.6	1.2	1.3	2.2	3.6
Asian Koel	<i>Eudynamis scolopaceus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.2	0.3	0.2	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.4	0.8	0.3	0.8	0.5	0.2	0.2	
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
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	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
House Swift	<i>Apus nipalensis</i>	N	-	0.0	0.4	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	V	0.0	0.0	0.4	V	0.3	V	0.0	0.0	0.0	V	0.0	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	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	V	0.2	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
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	0.6	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	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.2	0.3	1.4	2.8	2.2	2.2	0.2	0.0	0.0	0.0	0.4	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	<i>Motacilla cinerea</i>	Y	-	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	2.6	1.3	0.8	3.0	4.8	2.0	1.0	0.0	1.2	0.4	3.5	2.8	3.6	2.6	1.2	1.3	2.5	1.6	0.6	1.2	0.8	1.8	3.2
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.2	0.4	1.2	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	2.0	2.3	3.0	V	0.0	0.0	0.0	0.0	V
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.0	0.0	0.0	0.6	1.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.2	2.0	0.3	0.0	0.2	0.0	V	0.0	0.8	1.3	0.3	0.2	0.0	0.0	0.2	0.3	1.2	0.0
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	0.0	0.2	2.0	0.2	0.2	3.2	2.0	3.8	0.0	2.4	3.5	0.2	1.8	4.0	3.8	0.5	0.8	1.6	1.8	2.3	2.2	2.3	4.6
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Brown Shrike	<i>Lanius cristatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.2	0.0	0.4	0.0	0.2	0.0	V	0.4	0.2	0.3	0.2	0.0	0.2	V	0.3	0.0	0.0	0.2	0.3	0.4	0.5	V	0.0
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	0.0	0.2	0.0	0.0	0.0	0.2	0.5	0.0	0.2	0.3	V	0.2	0.2	0.4	0.0	0.0	0.2	0.0	0.3	V	V	V	0.0
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	N	-	0.4	0.4	0.8	0.0	0.0	0.6	0.0	0.0	0.0	0.0	V	0.2	0.2	0.4	0.5	0.3	V	0.2	0.0	0.0	0.0	0.0	0.4
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	N	-	0.0	0.0	0.0	0.0	0.6	1.2	0.0	0.0	0.0	1.0	0.0	0.0	0.4	0.8	V	0.5	0.2	0.2	0.5	V	1.5	0.8	0.0
Lanceolated Warbler	<i>Locustella lanceolata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
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
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.2
Zitting Cisticola	<i>Cisticola juncidis</i>	Y	LC	0.0	0.3	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.2	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	
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	N	-	0.0	0.8	0.6	0.8	1.4	4.6	4.4	5.0	2.4	1.8	3.0	2.4	0.8	1.0	0.8	1.3	2.8	0.8	0.8	0.4	0.0	0.0	0.4	0.0	
Plain Prinia	<i>Prinia inornata</i>	N	-	1.2	0.4	V	1.4	0.2	0.2	0.2	0.5	0.8	0.4	0.3	0.0	0.4	0.0	0.2	V	0.8	2.0	1.0	0.0	2.6	4.3	3.4	0.0	
Dusky Warbler	<i>Phylloscopus fuscatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.4	0.0	0.4	0.8	1.5	V	0.0	0.0	0.0	0.0	V	V	
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Yellow-browed warbler	<i>Phylloscopus inornatus</i>	N	-	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.5	0.0	V	
Chinese Penduline-Tit	<i>Remiz consobrinus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	4.5	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Japanese White-eye	<i>Zosterops japonica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.6	0.0	0.0	V	0.0	0.0	0.0	
Little Bunting	<i>Emberiza pusilla</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	V	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	0.0
Scaly-breasted Munia	<i>Lonchura punctulata</i>	N	-	0.0	0.0	0.0	1.0	2.2	1.0	0.0	0.0	2.0	0.4	0.3	0.0	0.0	1.8	1.8	V	1.8	V	3.2	5.8	0.8	1.5	1.3	0.0	
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	8.8	3.6	
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	V	0.0	0.0	0.0	V	0.0	
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Black-collared Starling	<i>Gracupica nigricollis</i>	N	-	0.0	0.0	0.8	0.4	0.2	0.2	0.2	0.0	0.0	0.0	0.8	0.0	0.8	1.6	0.8	0.5	1.8	0.2	0.2	V	1.0	1.0	1.2	1.4	
White-shouldered Starling	<i>Sturnia sinensis</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.0	V
Common Myna	<i>Acridotheres tristis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	
Crested Myna	<i>Acridotheres cristatellus</i>	N	-	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.8	0.2	0.0	0.0	2.0	1.8	1.4	0.5	1.3	1.0	0.6	1.0	1.2	3.5	0.2	1.8	
Black-naped Oriole	<i>Oriolus chinensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Black Drongo	<i>Dicrurus 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	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	
Eurasian Magpie	<i>Pica pica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	V	0.0	0.8	V	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	

Common name	Scientific name	Wetland Conservation 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
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	V	0.5	0.8	0.4	0.0	0.6	0.0	0.4	V

Notes: Conservation Status follows that of Fellows et. al. (2002)
 ^ Pintail Snip and Swinhoe's Snipe cannot be distinguished in field, conservation status refers to Swinhoe's Snipe.
 V Indicates the species is recorded outside regular surveys.
 DS Indicates species recorded during survey.
 # Greater Coucal is listed as vulnerable (VU) in China Red Data Book and it is protected terrestrial wildlife state protection (category II).
 * Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)

Table B6: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2014 and October 2016

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

Common name	Scientific name	Wetland Dependence	Conservation status	Nov- 14	Dec- 14	Jan- 15	Feb- 15	Mar- 15	Apr- 15	May- 15	Jun- 15	Jul- 15	Aug- 15	Sep- 15	Oct- 15	Nov- 15	Dec- 15	Jan- 16	Feb- 16	Mar- 16	Apr- 16	May- 16	Jun- 16	Jul- 16	Aug- 16	Sep- 16	Oct- 16
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crested Goshawk	<i>Accipiter trivirgatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Greater Spotted Eagle	<i>Clanga clanga</i>	Y	GC	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	-	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	0.0	0.0	V	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Japanese Quail	<i>Coturnix japonica</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baillon's 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Y	-	0.5	V	0.8	1.0	0.8	0.3	V	V	0.2	V	0.2	0.6	0.0	0.8	0.4	V	0.4	0.4	0.8	0.2	0.3	0.4	0.6	0.3
Watercock	<i>Gallicrex cinerea</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Moorhen	<i>Gallinula chloropus</i>	Y	-	V	0.0	V	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.2	0.0	V	0.0	V	0.0	0.0
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Painted-snipe	<i>Rostratula benghalensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	V	0.0	0.8	0.0	V	V	0.0	1.6	0.0	0.0	0.0	0.0	1.0	0.3
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
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 name	Scientific name	Wetland Dependence	Conservation status	Nov- 14	Dec- 14	Jan- 15	Feb- 15	Mar- 15	Apr- 15	May- 15	Jun- 15	Jul- 15	Aug- 15	Sep- 15	Oct- 15	Nov- 15	Dec- 15	Jan- 16	Feb- 16	Mar- 16	Apr- 16	May- 16	Jun- 16	Jul- 16	Aug- 16	Sep- 16	Oct- 16
Common Redshank	<i>Tringa totanus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	V	0.0	V	0.0	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	1.0	V	0.5	0.0	0.4	0.0	0.0	V	V	0.6	V	
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.8	1.2	3.0	2.0	2.2	0.5	0.0	0.0	0.0	0.3	1.2	0.6	0.3	1.2	1.4	0.5	0.6	1.0	1.0	0.0	0.5	V	0.2	1.5
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/Swinhoe's Snipe^	<i>Gallinago stenura/G. megala</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	1.5	4.2	3.8	1.3	2.2	6.0	3.6	1.6	2.2	2.0	3.0	3.4	1.3	4.8	6.0	3.5	3.4	2.2	2.2	1.8	3.0	3.4	2.2	2.5
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	1.2	4.6	11.0	0.2	0.0	0.4	0.0	0.0	0.0	0.6	0.4	0.5
Asian Koel	<i>Eudynamis scolopaceus</i>	N	-	0.0	0.0	0.0	0.0	V	0.0	0.2	0.2	0.0	0.3	V	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.2	V	0.0	
Greater Coucal#	<i>Centropus sinensis</i>	N	-	V	0.2	0.3	0.3	0.6	1.0	0.4	0.2	0.2	V	V	0.0	0.5	1.0	0.0	0.8	V	0.2	0.6	0.6	0.8	0.4	0.2	0.3
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	V	V	0.0	0.0	0.0	0.0	

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

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

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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	0.0	2.2	V	0.0
Eurasian Tree Sparrow	<i>Passer montanus</i>	N	-	0.0	V	4.5	4.0	1.4	0.0	0.2	0.0	0.4	0.0	0.6	0.4	V	0.0	0.0	0.0	0.0	0.0	1.4	1.4	0.0	V	V	0.0	
Red-billed Starling	<i>Spodiopsar sericeus</i>	Y	(RC)*	0.0	0.0	0.0	24.5	V	0.0	V	0.4	0.0	0.0	0.0	0.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	Y	PRC	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	V	0.0	V	0.0	0.8	V	1.0	0.0	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	0.4	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.5	V	0.0	0.0		
Crested Myna	<i>Acridotheres cristatellus</i>	N	-	2.8	4.0	0.0	0.5	2.2	2.3	2.8	6.8	0.4	1.8	0.2	0.6	V	4.8	1.2	3.8	1.2	4.6	0.6	1.8	0.3	4.4	1.0	0.0	
Black-naped Oriole	<i>Oriolus chinensis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Black Drongo	<i>Dicrurus macrocercus</i>	N	-	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.6	0.6	0.0	V	0.2	0.3	0.0	0.0	0.0	0.0	0.0	1.0	1.2	1.5	
Azure-winged Magpie	<i>Cyanopica cyanus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Eurasian Magpie	<i>Pica pica</i>	N	-	0.0	0.0	0.3	0.8	V	0.5	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.2	0.2	V	0.0	V	0.0	0.0	V	
Large-billed Crow	<i>Corvus macrorhynchos</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	
Collared Crow	<i>Corvus torquatus</i>	Y	LC, NT	0.0	0.0	0.0	0.0	0.0	V	0.2	0.0	0.0	0.0	0.6	0.4	0.0	V	0.4	0.0	V	0.2	0.0	V	V	V	0.4	0.0	

- (1) Conservation Status follows that of Fellowes et. al. (2002). Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes et al. 2002)
 ^Pintail Snipe and Swinhoe's Snipe cannot be distinguished in field, conservation status refers to Swinhoe's Snipe
 V indicates the species is recorded outside regular surveys
 DS indicates species recorded during surveys
 # Greater Coucal is listed as vulnerable (VU) in China Red Data Book and it is protected under terrestrial wildlife state protection (category II).
 * Red-billed Starling is considered by Fellowes *et al* (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)
 ** The species name is updated as Cinereous Tit, *Parus cinereus*, since June 2017.

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

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

Common name	Scientific name	Wetland Dependence	Conservation status	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18
Crested Serpent Eagle	<i>Spilornis cheela</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crested Goshawk	<i>Accipiter trivirgatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Spotted Eagle	<i>Clanga clanga</i>	Y	GC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Buzzard	<i>Buteo japonicus</i>	Y	-	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Kestrel	<i>Falco tinnunculus</i>	N	-	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peregrine Falcon	<i>Falco peregrinus</i>	N	(LC)	0.0	V	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Hobby	<i>Falco subbuteo</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	V	0.0	0.0	0.0	0.0	0.0
Black-winged Stilt	<i>Himantopus himantopus</i>	Y	RC	0.6	V	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Avocet	<i>Recurvirostra avosetta</i>	Y	RC	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Pratincole	<i>Glareola maldivarum</i>	Y	LC	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Golden Plover	<i>Pluvialis fulva</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Ringed Plover	<i>Charadrius dubius</i>	Y	(LC)	0.0	1.4	V	0.8	0.8	0.3	0.0	V	0.0	0.0	0.0	0.0	0.0	0.5	0.0	V	0.0	0.0	1.2	0.3	0.0	0.0	0.0	0.0
Kentish Plover	<i>Charadrius alexandrinus</i>	Y	RC	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Redshank	<i>Tringa erythropus</i>	Y	RC	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Redshank	<i>Tringa totanus</i>	Y	RC	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Common name	Scientific name	Wetland Dependence	Conservation status	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18
Common Greenshank	<i>Tringa nebularia</i>	Y	RC	V	V	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.6	2.0	0.8	0.8	0.4	0.8	0.0	0.0	V	0.0	0.0	0.0	V	0.0	0.2	0.0	1.3	1.8	0.6	V	0.0	V	0.0	0.0
Wood Sandpiper	<i>Tringa glareola</i>	Y	LC	0.6	0.2	V	0.2	0.2	0.0	0.0	0.0	V	0.0	0.0	0.2	0.0	V	0.6	0.2	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0
Common Sandpiper	<i>Actitis hypoleucos</i>	Y	-	0.4	0.4	0.8	2.2	0.6	1.0	0.0	0.0	V	0.0	0.2	0.6	0.8	0.3	0.8	0.4	1.5	1.3	0.2	0.0	0.4	V	0.0	0.6
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pintail/ Swinhoe's Snipe^	<i>Gallinago stenura/G. megala</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common Snipe	<i>Gallinago gallinago</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temminck's Stint	<i>Calidris temminckii</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-toed Stint	<i>Calidris subminuta</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Y	PRC	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whiskered Tern	<i>Chlidonias hybrida</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Pigeon	<i>Columba livia</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted Dove	<i>Spilopelia chinensis</i>	N	-	2.6	3.8	7.0	4.2	4.4	2.0	1.0	1.4	1.8	2.8	5.3	4.8	2.3	8.0	5.8	6.2	2.0	3.5	3.8	3.0	3.2	3.8	4.8	5.0
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	N	-	0.2	0.6	2.8	0.8	0.2	0.3	0.4	1.0	V	0.4	0.8	2.0	V	0.5	5.8	0.8	0.8	1.5	1.6	1.8	0.4	1.0	2.0	4.2
Asian Koel	<i>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
Eurasian Eagle Owl	<i>Bubo bubo</i>	N	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	V	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	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
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
House Swift	<i>Apus nipalensis</i>	N	-	V	V	0.0	0.0	V	V	0.0	0.0	V	0.0	0.0	0.0	7.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.2	0.6	0.5	V	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	V	V	V	0.3	0.4
Black-capped Kingfisher	<i>Halcyon pileata</i>	Y	(LC)	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.2	0.4	V	0.4	0.2	V	0.2	0.2	0.3	0.0	0.0	0.2	0.3	0.5	0.2	V	0.0	0.0	0.0	0.3	0.4	0.3	V	0.2
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	2.2	1.4	1.8	2.6	2.0	0.3	1.0	0.2	0.8	0.4	0.4	1.2	1.0	1.5	0.2	0.2	0.5	1.0	0.4	V	0.4	0.5	1.0	1.6
Eurasian Hoopoe	<i>Upupa epops</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Barn Swallow	<i>Hirundo rustica</i>	N	-	0.0	0.0	0.0	1.4	1.2	1.5	1.6	0.0	0.8	V	1.3	0.0	1.0	V	2.3	13.2	4.0	4.5	2.8	0.8	2.2	2.3	1.0	0.8
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.6	0.4	V	V	0.4	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	V	V	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
White Wagtail	<i>Motacilla alba</i>	Y	-	1.6	2.2	V	1.0	1.0	1.0	0.6	0.4	V	0.0	1.4	2.0	1.5	3.5	3.2	1.6	1.5	0.3	V	0.0	0.2	V	0.0	0.8
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.5	0.0	0.0	0.2	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0
Red-throated Pipit	<i>Anthus cervinus</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buff-bellied Pipit	<i>Anthus rubescens</i>	N	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	1.8	3.2	4.3	1.8	1.8	2.0	1.4	1.2	1.5	0.0	6.0	7.4	V	2.0	2.0	4.4	4.3	6.8	1.6	2.0	1.4	5.0	4.5	10.8
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	0.4	1.4	10.8	4.0	1.6	2.8	2.0	1.2	1.5	1.2	1.8	3.6	V	0.8	2.8	8.2	1.8	2.5	3.8	2.5	0.4	0.5	2.0	0.8
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	N	-	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red-flanked Bluetail	<i>Tarsiger cyanurus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bull-headed Shrike	<i>Lanius bucephalus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brown Shrike	<i>Lanius cristatus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.6	0.2	V	0.2	0.4	0.0	0.0	V	0.3	1.2	0.3	2.2	2.0	1.3	0.3	1.8	V	V	0.0	V	1.2	0.5	0.8	1.0
Oriental Magpie Robin	<i>Copsychus saularis</i>	N	-	0.6	0.0	0.0	0.0	0.0	0.8	0.6	0.8	1.3	1.2	0.0	0.0	2.0	V	0.0	0.0	0.5	2.0	0.0	0.3	0.0	0.0	0.0	0.0

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

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

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

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

V Indicates the species is recorded outside regular surveys.

DS Indicates species recorded during survey.

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

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)

Table B8: Summary of Bird Species Recorded at the WRA and their Respective Monthly Mean between November 2018 and October 2019

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
Little Grebe	<i>Tachybaptus ruficollis</i>	Y	LC	3.8	3.5	1.5	1.0	1.4	2.0	1.6	1.0	1.6	1.2	2.5	2.4	2.2	1.4	0.2	1.0	1.3	0.8
Great Cormorant	<i>Phalacrocorax carbo</i>	Y	PRC	V	1.8	6.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.6	0.8	0.8	0.0	0.0
Grey Heron	<i>Ardea cinerea</i>	Y	PRC	2.0	5.5	2.8	2.8	0.8	0.0	0.0	0.3	0.0	0.0	1.3	1.2	5.4	1.2	1.8	2.0	0.3	V
Purple Heron	<i>Ardea purpurea</i>	Y	RC	0.5	V	V	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0
Great Egret	<i>Ardea alba</i>	Y	PRC, (RC)	1.3	3.8	2.3	2.5	0.6	1.8	1.0	2.0	0.6	1.2	0.5	1.4	1.8	1.4	3.4	3.5	0.8	0.2
Intermediate Egret	<i>Egretta intermedia</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0
Little Egret	<i>Egretta garzetta</i>	Y	PRC, (RC)	3.3	7.8	7.3	8.3	3.4	5.3	3.6	7.0	6.6	5.8	5.5	4.0	6.0	4.8	16.4	7.3	11.0	5.2
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Y	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.2
Chinese Pond Heron	<i>Ardeola bacchus</i>	Y	PRC, (RC)	1.8	4.3	4.5	2.0	1.4	1.5	1.8	5.0	3.6	2.8	2.3	2.8	5.6	5.2	3.4	2.3	2.8	1.4
Yellow Bittern	<i>Ixobrychus sinensis</i>	Y	(LC)	0.3	V	V	V	0.2	0.5	0.4	1.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Y	(LC)	0.0	V	0.0	0.0	0.0	V	0.0	V	0.2	0.2	V	0.0	0.0	0.0	0.0	0.0	0.0	V
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0
Black-faced Spoonbill	<i>Platalea minor</i>	Y	PGC, EN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.0	0.0
Mandarin Duck	<i>Aix galericulata</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Wigeon	<i>Anas penelope</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eurasian Teal	<i>Anas crecca</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0
Northern Pintail	<i>Anas acuta</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Shoveler	<i>Anas clypeata</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tufted Duck	<i>Aythya fuligula</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Garganey	<i>Anas querquedula</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Western Osprey	<i>Pandion haliaetus</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0
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
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
Black Kite	<i>Milvus migrans</i>	Y	(RC)	0.5	0.3	0.0	0.3	0.2	0.5	0.2	0.0	0.2	0.2	0.3	0.4	0.2	0.0	V	V	V	V
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

Common name	Scientific name	Wetland Conservation Dependence	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
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
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
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
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
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
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
Asian Barred Owllet	<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
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
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
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
White-breasted Waterhen	<i>Amauornis 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
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
Eurasian Coot	<i>Fulica atra</i>	Y	RC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
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
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
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
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
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
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
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
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
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

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
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
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
Green Sandpiper	<i>Tringa ochropus</i>	Y	-	0.0	0.0	0.3	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.2	V	0.5	1.0	V
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	0.0	2.0
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
Eurasian Woodcock	<i>Scolopax rusticola</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
Red-necked Stint	<i>Calidris ruficollis</i>	Y	LC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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
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
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
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
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
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
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
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
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
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
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
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
Savanna Nightjar	<i>Caprimulgus affinis</i>	N	-	0.0	0.0	0.0	0.0	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Swift	<i>Apus pacificus</i>	N	(LC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0
House Swift	<i>Apus nipalensis</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	1.4
Pied Kingfisher	<i>Ceryle rudis</i>	Y	(LC)	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	V	0.0	0.0	0.2	
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

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
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Y	(LC)	0.3	0.3	V	0.3	0.0	V	0.0	0.0	0.0	0.2	0.0	V	0.0	V	V	0.0	0.3	0.0
Common Kingfisher	<i>Alcedo atthis</i>	Y	-	0.5	0.3	0.8	0.5	0.6	0.5	0.2	0.8	0.2	0.4	0.5	0.8	1.2	1.2	0.8	0.5	0.3	0.2
Blue-tailed Bee-eater	<i>Merops philippinus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
Barn Swallow	<i>Hirundo rustica</i>	N	-	0.0	1.8	V	2.5	4.8	3.8	1.8	3.5	1.2	1.8	V	0.0	0.0	0.0	2.0	V	3.0	6.6
Red-rumped Swallow	<i>Hirundo daurica</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Y	-	0.0	V	V	V	V	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	V	1.2
Grey Wagtail	<i>Motacilla cinerea</i>	Y	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White Wagtail	<i>Motacilla alba</i>	Y	-	1.8	0.8	0.8	3.0	V	1.3	0.0	0.0	0.4	0.0	0.0	0.4	0.6	0.8	1.2	1.0	0.3	1.8
Richard's Pipit	<i>Anthus richardi</i>	N	-	0.0	0.0	0.3	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	V	0.5	0.3	0.8
Olive-backed Pipit	<i>Anthus hodgsoni</i>	N	-	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	V	0.3	0.2
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
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
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	N	-	2.0	4.5	0.5	0.8	1.2	V	1.8	1.0	0.0	3.2	1.5	0.6	V	4.4	3.4	2.5	2.8	1.2
Chinese Bulbul	<i>Pycnonotus sinensis</i>	N	-	V	0.5	1.8	3.8	2.0	3.5	1.0	1.3	3.4	0.6	0.5	4.0	2.8	1.6	3.4	2.3	3.5	2.0
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
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
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
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
Long-tailed Shrike	<i>Lanius schach</i>	N	-	0.8	0.0	0.0	0.3	0.0	0.0	0.0	V	0.0	V	0.0	0.0	0.0	V	0.0	0.3	0.0	0.0
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
Daurian Redstart	<i>Phoenicurus aureus</i>	N	-	0.5	2.8	1.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.4	V	0.5	V	0.0
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
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
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

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	
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	
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	
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	
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	
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	
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	Y	-	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
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	
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	
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	N	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	0.0	0.0	
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	
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	
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	
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	
Plain Prinia	<i>Prinia inornata</i>	N	-	0.3	0.0	V	V	0.6	0.0	0.0	0.0	0.0	V	0.5	0.2	V	V	V	V	V	0.2	
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	
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	0.0	V	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	
Japanese Tit	<i>Parus minor</i>	N	-	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	
Japanese White-eye	<i>Zosterops japonica</i>	N	-	1.3	0.0	0.0	6.0	0.0	0.0	0.0	V	V	0.0	0.0	1.0	0.0	0.0	V	V	V	0.0	
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	
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	
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	
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	

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
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	1.6	2.4	1.0	0.0	0.0	0.3	0.2
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
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
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
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
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
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
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
Black Drongo	<i>Dicrurus macrocercus</i>	N	-	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	V	0.0	V	0.2	V	V	0.0	0.0	0.0	0.0
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	N	-	0	0	0	0	0	0	0	0	0	0	0	0	V	V	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
Eurasian Magpie	<i>Pica pica</i>	N	-	1.3	V	0.0	V	0.8	0.3	0.2	0.5	0.0	0.4	0.0	0.4	0.0	0.4	0.6	0.5	0.3	0.0
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	0.5	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	V	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

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

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

V Indicates the species is recorded outside regular surveys.

DS Indicates species recorded during survey.

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

* Red-billed Starling is considered by Fellows et al (2002) to be of Global Concern. Since publication, however, the global population estimate has been revised and the species is not now considered globally threatened. A listing of Regional Concern (RC) based on the importance of the large roosts present near Deep Bay, is considered to be more appropriate. (Wetland Restoration Plan, Mott, 2008). Red-billed Starling is now listed as Least Concern by IUCN. (IUCN, 2016)

C. Summary of Herpetofauna Monitoring, Mammals and Insect Surveys

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
Amphibians			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
No Amphibian species was recorded within the reporting period								
No. of Species Recorded			0	-	-	-	0	0
Reptiles			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	0.0				0.0	0.5
No. of Species Recorded			0	-	-	-	0	1

(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⁾					
			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
Amphibians			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
No Amphibian species was recorded within the reporting period								
No. of Species Recorded			0	-	-	-	0	0
Reptiles			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
No Reptile species was recorded within the reporting period								
No. of Species Recorded			0	-	-	-	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 at WRA.

V Indicates the species is recorded outside regular surveys.

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Max ⁽²⁾					
			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
No mammal species was recorded within the reporting period								
No. of Species Recorded			0	0	0	0	0	0

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

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

V Indicates the species is recorded outside regular surveys.

Table C4: Summary of mammal monitoring in the WRA

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Max ⁽²⁾					
			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
Bat	<i>indet. sp. 1</i>	-	V	V	0.0	0.0	0.0	7.0
Bat	<i>indet. sp. 2</i>	-	0.0	V	0.0	0.0	0.0	0.0
No. of Species Recorded			1	2	0	0	0	1

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

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

V Indicates the species is recorded outside regular surveys.

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
Odonate								
Black-kneed Featherlegs	<i>Pseudocoptera ciliate</i>	-	0.0				0.0	0.5
Common Bluetail	<i>Ischnura senegalensis</i>	-	0.0				0.0	2.0
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	0.0				0.0	0.5
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	0.0				0.0	V
No. of Species Recorded			0	-	-	-	0	4
Butterfly								
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	0.0				0.0	0.5
Common Mormon	<i>Papilio polytes polytes</i>	-	0.0				0.0	V
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	0.0				0.0	1.0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	0.0				3.0	12.0
No. of Species Recorded			0	-	-	-	1	4

- (1) Conservation status follows that of Fellows et al. (2002) and Shek (2006), Lo & Hui (2004), Wilson (2004) and Young & Yiu (2002).
- (2) Refers to the mean number of individuals recorded in each month in the survey area (excluding the WRA)

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020
Odonate								
Asian Amberwing	<i>Brachythemis contaminata</i>	-	7.0				0.0	V
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	V				0.0	0.0
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	1.0				0.0	0.0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	V				0.0	0.5
Saddlebag Glider	<i>Tramea virginia</i>	-	0.0				0.0	0.5
Wandering Glider	<i>Pantala flavescens</i>	-	0.0				V	0.0
No. of Species Recorded			4	-	-	-	1	3
Butterfly								
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	V				0.0	0.0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	2.0				0.0	1.0
Common Hedge Blue	<i>Acytolepis puspa</i>	-	0.0				3.0	0.0
Common Mormon	<i>Papilio polytes polytes</i>	-	1.0				0.0	2.0
Common Sailor	<i>Neptis hylas hylas</i>	-	1.0				0.0	V
Common Tiger	<i>Danaus genutia</i>	-	0.0				0.0	V
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	V				0.0	0.0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	0.0				3.0	3.5
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	0.0				V	8.0
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	-	0.0				0.0	V
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	0.0				1.0	0.0
No. of Species Recorded			5	-	-	-	4	7

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

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

D. Summary of Water Quality Monitoring

Table D1. Water quality at WRA

Nov 2019

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (cm)	Additional Water Level Monitoring (cm)
1	22.5	7.73	0.28	9.8	6.27	140	130
2	22.1	7.61	0.32	8.4	5.63	100	100
3	22.3	7.56	0.31	5.9	6.45	150	140
4	22.5	7.61	0.31	4.2	6.47	150	140

Dec 2019

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (cm)	Additional Water Level Monitoring (cm)
1	23.1	7.61	0.39	8.8	5.93	130	110
2	22.7	7.55	0.43	11.4	5.66	110	100
3	22.9	7.44	0.42	7.9	6.11	140	120
4	23.1	7.74	0.42	5.8	6.13	130	110

Jan 2020

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (cm)	Additional Water Level Monitoring (cm)
1	19.1	7.71	0.25	6.2	5.73	110	110
2	18.7	7.65	0.29	8.9	5.74	100	100
3	18.9	7.52	0.28	6.8	5.91	120	110
4	19.1	7.80	0.28	5.2	6.01	110	110

Feb 2020

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (cm)	Additional Water Level Monitoring (cm)
1	25.7	6.7	0.29	14.4	6.14	110	110
2	25.3	7.0	0.33	15.1	6.15	70	80
3	25.5	7.3	0.32	16.8	6.32	120	120
4	25.7	7.5	0.32	8.9	6.33	120	130

Mar 2020

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (cm)	Additional Water Level Monitoring (cm)
1	27.7	7.2	0.13	64.6	5.93	100	100
2	27.3	6.5	0.17	22.7	5.93	60	50
3	27.4	7.4	0.16	9.10	2.66	120	110
4	27.8	7.6	0.16	5.40	2.65	110	110

Apr 2020

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turb. (NTU)	DO (mg/L)	Water Level (cm)	Additional Water Level Monitoring (cm)
1	28.8	7.3	0.11	12.4	5.61	100	100
2	28.4	7.0	0.15	16.1	5.61	70	50
3	28.5	7.5	0.14	9.2	2.34	120	110
4	28.9	7.7	0.14	7.4	2.33	110	100

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 pH and/ or water level monitoring was conducted

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

Mar 2020

Cell No.	Ammonia (mg/L)	Total oxidized nitrogen (mg/L)	Total P (mg/L)	Reactive P (mg/L)	BOD (mg/L)
1	0.31	0.30	0.10	<0.01	<2
2	2.07	0.53	0.04	<0.01	<2
3	0.17	0.10	0.03	<0.01	<2
4	0.15	0.09	0.02	<0.01	<2
Action Level	>3	>5	>5	-	-
Limit Level	>6	>10	>10	-	-

Note: Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underlined** indicate that limit level is reached.
 The additional in situ water quality monitoring was carried out on 27 March 2020.