

# Appendix I. Summary of Bird Surveys conducted

**Table I1. Summary of bird species of conservation importance and/or wetland-dependence recorded in the Survey Area (excluding the WRA)**

Species Name <sup>(5)</sup>	Scientific Name <sup>(5)</sup>	Conservation Status <sup>(2)</sup>	June 2013	
			Occurrence <sup>(3)</sup>	Mean <sup>(4)</sup>
Little Grebe	<i>Tachybaptus ruficollis</i>	LC, (1)	4	4.0
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC), (1)	2	0.8
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC), (1)	1	0.3
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC, (RC), (1)	4	6.8
Little Egret	<i>Egretta garzetta</i>	PRC, (RC), (1)	4	9.3
Great Egret	<i>Egretta alba</i>	PRC, (RC), (1)	4	2.8
Black Kite	<i>Milvus migrans</i>	RC	1	0.3
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	(1)	2	1.0
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	LC, (1)	1	0.3
Common Kingfisher	<i>Alcedo atthis</i>	(1)	3	1.5
White Wagtail	<i>Motacilla alba</i>	(1)	3	3.8
White-shouldered Starling	<i>Sturnus sinensis</i>	(LC), (1)	2	0.8
Collared Crow	<i>Corvus torquatus</i>	LC, (1)	1	0.8
<b>No. of Species Recorded</b>			<b>13</b>	

(1) Indicates wetland-dependant or wetland-associated species.

(2) Conservation status follows that of Fellowes *et al.* (2002) and BirdLife International listing (2011).

(3) Indicates number of surveys recorded within the reporting period.

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

(5) Follows HK bird list (dated 2013-2-25).

**Table I2. Summary of bird species of conservation importance and/or wetland-dependence recorded in the WRA**

Species Name <sup>(5)</sup>	Scientific Name <sup>(5)</sup>	Conservation Status <sup>(2)</sup>	June 2013		Records Outside Surveys
			Occurrence <sup>(3)</sup>	Mean <sup>(4)</sup>	
Little Grebe	<i>Tachybaptus ruficollis</i>	LC, (1)	2	0.5	
Yellow Bittern	<i>Ixobrychus sinensis</i>	LC, (1)	4	2.5	✓
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC), (1)	1	0.3	
Little Egret	<i>Egretta garzetta</i>	PRC, (RC), (1)	3	1.8	✓
Great Egret	<i>Egretta alba</i>	PRC, (RC), (1)	3	0.8	✓
Black Kite	<i>Milvus migrans</i>	RC	1	0.3	
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	(1)	3	1.8	✓
Common Kingfisher	<i>Alcedo atthis</i>	(1)	1	0.3	
<b>No. of Species Recorded</b>			<b>8</b>		

(1) Indicates wetland-dependant or wetland-associated species.

(2) Conservation status follows that of Fellowes *et al.* (2002) and BirdLife International listing (2011).

(3) Indicates number of surveys recorded within the reporting period.

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

(5) Follows HK bird list (dated 2013-02-25).

# Appendix J. Summary of Herpetofauna, Mammal and Insect Surveys conducted

**Table J1. Summary of herpetofauna monitoring in the Survey Area (excluding the WRA)**

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	June 2013	
			Occurrence <sup>(2)</sup>	Mean <sup>(3)</sup>
<b>Amphibian</b>	<b>No. of Species Recorded</b>		<b>1</b>	
Gunther's Frog	<i>Rana quentheri</i>	-	1	5
			Occurrence <sup>(2)</sup>	Mean <sup>(3)</sup>
<b>Reptile</b>	<b>No. of Species Recorded</b>		<b>0</b>	
(No records in June 2013)				

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

(2) Indicates number of surveys recorded within the reporting period.

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

**Table J2. Summary of herpetofauna monitoring in the WRA**

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	June 2013	
			Occurrence <sup>(2)</sup>	Mean <sup>(3)</sup>
<b>Amphibian</b>	<b>No. of Species Recorded</b>		<b>0</b>	
(No records in June 2013)				
			Occurrence <sup>(2)</sup>	Mean <sup>(3)</sup>
<b>Reptiles</b>	<b>No. of Species Recorded</b>		<b>0</b>	
(No records in June 2013)				

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

(2) Indicates number of surveys recorded within the reporting period.

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

**Table J3. Summary of mammal monitoring in the Survey Area (excluding the WRA)**

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	June 2013	
			Occurrence <sup>(2)</sup>	Mean <sup>(3)</sup>
<b>Mammal</b>	<b>No. of Species Recorded</b>		<b>0</b>	
(No records in June 2013)				

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

(2) Indicates number of surveys recorded within the reporting period.

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

**Table J4. Summary of mammal monitoring in the WRA**

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	June 2013		Records Outside Surveys
			Occurrence <sup>(2)</sup>	Mean <sup>(3)</sup>	
<b>Mammal</b>	<b>No. of Species Recorded</b>		<b>2</b>		
Small Asian Mongoose	<i>Herpestes javanicus</i>	-	1	0.3	
Pipistrelle	<i>Pipistrellus</i> sp.	-	-	-	✓

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

(2) Indicates number of surveys recorded within the reporting period.

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

**Table J5. Summary of odonate and butterfly monitoring in the Survey Area (excluding WRA)**

Common Name	Scientific Name	Conservation Status <sup>(1)</sup>	June 2013	
			Occurrence <sup>(2)</sup>	Mean <sup>(3)</sup>
<b>Odonate</b>	<b>No. of Species Recorded</b>		<b>7</b>	
Common Bluetail	<i>Ischnura senegalensis</i>	-	2	38.0
Yellow Featherlegs	<i>Copera marginipes</i>	-	1	0.5
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	1.0
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	26.5
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	6.5
Saddlebag Glider	<i>Tramea virginia</i>	-	2	2.0
Wandering Glider	<i>Pantala flavescens</i>	-	2	2.0
<b>Butterfly</b>	<b>No. of Species Recorded</b>		<b>5</b>	
Common Grass Yellow	<i>Eurema hecabe</i>	-	2	2.0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1	0.5
Indian Cabbage White	<i>Pieris canidia</i>	-	1	0.5
Mottled Emigrant	<i>Catopsilia pyranthe</i>	-	1	0.5
Lemon Emigrant	<i>Catopsilia pomona</i>	-	1	0.5

(1) Conservation status follows that of Fellowes *et al.* (2002), Lo & Hui (2004), Tam *et al.* (2011) and Young & Yiu (2002).

(2) Indicates number of surveys recorded within the reporting period.

(3) Refers to the mean number of individuals recorded in the survey (excluding the WRA).

**Table J6. Summary of dragonfly and butterfly monitoring in the WRA**

Common Name	Scientific Name	Conservation Status <sup>(1)</sup>	June 2013	
			Occurrence <sup>(2)</sup>	Mean <sup>(3)</sup>
<b>Odonate</b>	<b>No. of Species Recorded</b>		<b>9</b>	
Common Bluetail	<i>Ischnura senegalensis</i>	-	2	122.5
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	2	9.0
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	73.0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	1	0.5
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	0.5
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	1	8.5
Saddlebag Glider	<i>Tramea virginia</i>	-	2	1.5
Wandering Glider	<i>Pantala flavescens</i>	-	1	1.0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	2	1.0
<b>Butterfly</b>	<b>No. of Species Recorded</b>		<b>9</b>	
Indian Cabbage White	<i>Pieris canidia</i>	-	1	0.5
Common Grass Yellow	<i>Eurema hecabe</i>	-	2	6.0
Red-base Jezebel	<i>Delias pasithoe</i>	-	1	0.5
Mottled Emigrant	<i>Catopsilia pyranthe</i>	-	1	3.5
Lemon Emigrant	<i>Catopsilia pomona</i>	-	1	0.5