

Appendix C. Summary of Herpetofauna Monitoring, Mammals and Insect Surveys

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

Common Name	Scientific Name	Conservation Status(1)	Mean(2)					
Amphibians			May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018
(No amphibian was recorded during the survey period)								
No. of Species Recorded			0	0	0	0	0	0
Reptiles			May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018
Checkered Keelback	<i>Xenochrophis flavipunctatus</i>	-	0.0	V	0.0	V	V	V
No. of Species Recorded			0	1	0	1	1	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	Mean (2)					
			May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018
Amphibians								
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	-	0.0	0.0	V	V	0.0	0.0
No. of Species Recorded			0	0	1	1	0	0
Reptiles								
Checked Keelback	<i>Xenochrophis flavipunctatus</i>	-	0.0	V	0.0	0.0	V	V
Common Rat Snake	<i>Ptyas mucosus</i>	-	0.0	0.0	0.0	0.0	0.0	V
Red-necked Keelback	<i>Rhabdophis subminiatus helleri</i>	-	V	0.0	0.0	0.0	0.0	0.0
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	V	V	0.0	0.0	0.0	0.0
No. of Species Recorded			2	2	0	0	1	2

- (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)					
			May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018
(No mammal was record during the survey period)								

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

Table C4: Summary of mammal monitoring in the WRA

Common Name	Scientific Name	Conservation Status (1)	Max (2)					
Mammal			May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018
Bat	<i>indet. sp. 1</i>	-	V	V	V	0.0	0.0	V
Bat	<i>indet. sp. 2</i>	-	0.0	V	0.0	0.0	0.0	V
Leopard Cat#	<i>Prionailurus bengalensis</i>	-	V	V	V	V	0.0	0.0
No. of Species Recorded			2	3	2	1	0	2

- (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.
- (3) #Leopard Cat is listed on CITES Appendix II and vulnerable (VU) in China Red Data Book and it is protected under the Wild Animals Protection Ordinance (Cap. 170)

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

Common Name	Scientific Name	Conservation Status(1)	Mean(2)					
			May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018
Odonate								
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1.0	2.0	2.5	1.0	0.0	0.0
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	4.5	0.0	0.5	0.5	2.0	0.0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	0.0	0.0	1.0	0.0	0.0	0.0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0.0	0.5	V	0.0	0.0	0.0
Variigated Flutterer	<i>Rhyothemis variegata arria</i>	-	13.0	34.5	2.0	23.5	V	1.0
Wandering Glider	<i>Pantala flavescens</i>	-	0.0	0.0	0.0	1.5	9.0	0.0
No. of Species Recorded			3	3	5	4	3	1
Butterfly								
Common Mime	<i>Chilasa clytia clytia</i>	-	0.0	1.5	V	0.0	0.0	0.0
Common Mormon	<i>Papilio polytes polytes</i>	-	0.0	0.0	0.0	1.5	3.0	0.0
Common Tiger	<i>Danaus genutia genutia</i>	-	0.0	0.0	3.5	0.0	0.0	0.0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	0.0	0.0	0.0	1.0	2.0	V
Indian Cabbage White	<i>Pieris canidia</i>	-	3.5	4.0	5.5	5.5	0.0	0.0
Paris Peacock	<i>Papilio paris paris</i>	-	0.0	0.0	0.5	0.0	0.0	0.0
Lemon Emigrant	<i>Catopsilia pomona</i>	-	3.0	1.0	V	0.0	0.0	0.0
No. of Species Recorded			2	3	5	3	2	1

(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)						
			May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	
Odonate									
Asian Amberwing	<i>Brachythemis contaminata</i>	-	0.0	0.0	0.0	7.0	0.0	0.0	
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	0.0	0.0	1.0	0.0	0.0	0.0	
Common Bluetail	<i>Ischnura senegalensis</i>	-	0.0	0.0	0.0	1.0	4.0	16.0	
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	3.0	3.5	8.0	5.5	6.0	2.0	
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	7.0	0.0	8.0	3.0	9.0	0.0	
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	0.0	0.5	0.5	0.0	0.0	0.0	
Indigo Dropwing	<i>Trithemis festiva</i>	-	0.0	2.0	0.0	0.0	0.0	0.0	
Orange-tailed Midget	<i>Agriocnemis femina oryzae</i>	-	0.0	0.0	0.0	0.5	0.0	0.0	
Pale-spotted Emperor	<i>Anax guttatus</i>	-	0.0	0.0	0.0	1.5	0.0	0.0	
Pied Percher	<i>Neurothemis tullia tullia</i>	-	0.0	0.0	0.0	0.0	2.0	0.0	
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0.0	1.0	V	0.5	0.0	0.0	
Saddlebag Glider	<i>Tramea virginia</i>	-	0.0	2.5	0.0	0.0	0.0	0.0	
Scarlet Basker	<i>Urothemis signata signata</i>	LC	0.0	0.0	1.0	0.0	0.0	0.0	
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	25.0	84.0	3.5	20.5	45.0	1.0	
Wandering Glider	<i>Pantala flavescens</i>	-	0.0	4.0	1.5	17.5	11.0	0.0	
No. of Species Recorded			3	7	8	9	6	3	

Common Name	Scientific Name	Conservation Status(1)	Mean (2)						
			May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	
Butterfly									
Common Mime	<i>Chilasa clytia clytia</i>	-	0.0	1.0	V	0.0	0.0	0.0	
Common Sailer	<i>Neptis hylas hylas</i>	-	0.0	0.5	V	0.0	0.0	0.0	
Common Mormon	<i>Papilio polytes polytes</i>	-	0.0	0.5	0.0	2.0	3.0	3.0	
Common Tiger	<i>Danaus genutia genutia</i>	-	0.0	0.0	3.0	0.0	0.0	0.0	
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	0.0	0.0	0.0	2.5	6.0	0.0	
Indian Cabbage White	<i>Pieris canidia</i>	-	6.5	5.0	4.0	5.5	0.0	0.0	
Paris Peacock	<i>Papilio paris paris</i>	-	V	0.0	1.5	0.0	0.0	0.0	
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	0.0	0.0	0.0	1.5	0.0	0.0	
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	0.0	0.0	0.0	0.0	2.0	0.0	
Silver Streak Blue	<i>Iraota timoleon timoleon</i>	-	0.0	0.0	0.0	0.0	0.0	V	
Lemon Emigrant	<i>Catopsilia pomona</i>	-	1.5	0.0	1.5	0.0	0.0	0.0	
No. of Species Recorded			3	4	6	4	3	2	

(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