

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			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
(No amphibian was recorded during the survey period)								
No. of Species Recorded			0	-	-	-	0	0
Reptiles			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
(No reptile was recorded during the survey 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 (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)					
Amphibians			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	-				-	2.0
No. of Species Recorded			0	-	-	-	0	1
Reptiles			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Checkered Keelback	<i>Xenochrophis flavipunctatus</i>	-	1.0				-	-
Snake	<i>Indet. sp.1</i>	-	1.0				-	-
No. of Species Recorded			2	-	-	-	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)					
Mammal			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 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			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Bat	<i>indet. sp. 1</i>	-	V	-	V	V	-	-
Bat	<i>indet. sp. 2</i>	-	V	-	V	V	-	-
Leopard Cat	<i>Prionailurus bengalensis</i>	-	-	-	-	-	V	V
No. of Species Recorded			2	0	2	2	1	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.

(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)					
Odonate			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Red-faced Skimmer	<i>Orthetrum chrysis</i>	-	-				-	0.5
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	-				-	4.0
No. of Species Recorded			0	-	-	-	-	2
Butterfly			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	-				2.0	14.5
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	-				-	3.0
No. of Species Recorded			0	-	-	-	1	2

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

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

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

Common Name	Scientific Name	Conservation Status(1)	Mean (2)					
Odonate			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Asian Amberwing	<i>Brachythemis contaminata</i>	-	-				-	0.5
Common Bluetail	<i>Ischnura senegalensis</i>	-	1.0					
Common Flangetail	<i>Ictionogomphus pertinax</i>	-					3.0	1.5
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	-				-	1.0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	-				-	1.0
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	-				1.0	
No. of Species Recorded			1	-	-	-	2	4
Butterfly			Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	3.0				-	
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	-				-	0.5
Paris Peacock	<i>Papilio paris paris</i>	-						0.5
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	-				2.0	1.0
No. of Species Recorded			1	-	-	-	1	3

(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