

# 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)		
			Nov 2018	Mar 2019	Apr 2019
<b>Amphibians</b>					
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	-	0.0	3.0	0.0
Günther's Frog	<i>Sylvirana guentheri</i>	-	0.0	0.0	0.5
<b>No. of Species Recorded</b>			<b>0</b>	<b>1</b>	<b>1</b>
<b>Reptiles</b>					
Common Rat Snake	<i>Ptyas mucosus</i>	-	0.0	0.0	0.5
Red-eared Slider	<i>Trachemys scripta elegans</i>	-	V	0.0	0.0
<b>No. of Species Recorded</b>			<b>1</b>	<b>0</b>	<b>1</b>

(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)		
<b>Amphibians</b>			<b>Nov 2018</b>	<b>Mar 2019</b>	<b>Apr 2019</b>
Günther's Frog	<i>Sylvirana guentheri</i>	-	0.0	1	1
<b>No. of Species Recorded</b>			<b>0</b>	<b>1</b>	<b>1</b>
<b>Reptiles</b>			<b>Nov 2018</b>	<b>Mar 2019</b>	<b>Apr 2019</b>
No Reptile species was recorded within the reporting period					
<b>No. of Species Recorded</b>			<b>0</b>	<b>0</b>	<b>0</b>

- (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)					
<b>Mammal</b>			<b>Nov 2018</b>	<b>Dec 2018</b>	<b>Jan 2019</b>	<b>Feb 2019</b>	<b>Mar 2019</b>	<b>Apr 2019</b>
Bat	<i>indet. sp.</i>	-	0	0	0	0	V	0
<b>No. of Species Recorded</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>

- (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 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019
<b>Mammal</b>								
Bat	<i>indet. sp. 1</i>	-	0	V	0	V	V	0
Bat	<i>indet. sp. 2</i>	-	0	V	0	V	V	0
<b>No. of Species Recorded</b>			<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>

- (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)		
			Nov 2018	Mar 2019	Apr 2019
<b>Odonate</b>					
Asian Amberwing	<i>Brachythemis contaminata</i>	-	0.0	0.0	2.0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	0.0	0.0	0.5
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	0.0	0.0	0.5
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	0.0	0.0	2.0
<b>No. of Species Recorded</b>			<b>0</b>	<b>0</b>	<b>4</b>
<b>Butterfly</b>					
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	0.0	2.0	4.0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	0.0	1.0	0.0
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	V	0.0	0.0
<b>No. of Species Recorded</b>			<b>1</b>	<b>2</b>	<b>1</b>

- (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 2018	Mar 2019	Apr 2019
<b>Odonate</b>					
Asian Amberwing	<i>Brachythemis contaminata</i>	-	0.0	V	0.0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	0.0	0.0	1.0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	0.0	V	1.5
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0.0	0.0	0.5
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	0.0	2.0	0.0
<b>No. of Species Recorded</b>			<b>0</b>	<b>3</b>	<b>3</b>
<b>Butterfly</b>					
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	0.0	0.0	0.5
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	0.0	0.0	0.5
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	0.0	3.0	1.0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	0.0	0.0	1.0
Paris Peacock	<i>Papilio paris</i>	-	0.0	V	0.0
Plain Tiger	<i>Danaus chrysippus</i>	-	0.0	0.0	0.5
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	0.0	0.0	0.5
<b>No. of Species Recorded</b>			<b>0</b>	<b>2</b>	<b>6</b>

(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