

## 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>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Amphibian</b>	<b>No. of species recorded:</b>	<b>1</b>			
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>		0	0.0	V
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Reptile</b>	<b>No. of species recorded:</b>	<b>0</b>			
No records in May 2019					

Note:

(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).

(4) Includes observations during other surveys and/or site visits.

(5) Two regular surveys were conducted

V Indicates the species is recorded outside regular surveys

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

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Amphibian</b>	<b>No. of species recorded:</b>	<b>1</b>			
Günther's Frog	<i>Sylvirana guentheri</i>		2	3.0	0
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Reptile</b>	<b>No. of species recorded:</b>	<b>0</b>			
(No records in May 2019)					

Note:

(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.

(4) Includes observations during other surveys and/or site visits.

(5) Two regular surveys were conducted

V Indicates the species is recorded outside regular surveys

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

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Max <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Mammal</b>	<b>No. of species recorded:</b>	<b>0</b>			
(No records in May 2019)					

Note:

(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 maximum number of individuals recorded in the reporting period (excluding the WRA).  
 (4) Includes observations during other surveys and/or site visits.  
 (5) Four regular surveys and two outside surveys were conducted  
 V Indicates the species is recorded outside regular surveys

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

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Max <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Mammal</b>	<b>No. of species recorded:</b>	<b>0</b>			
(No records in May 2019)					

Note:

- (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 maximum number of individuals recorded in the reporting period in the WRA.  
 (4) Includes observations during other surveys and/or site visits.  
 (5) Four regular surveys and three outside surveys were conducted  
 ^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)  
 V Indicates the species is recorded outside regular surveys

**Table J5: Summary of dragonflies (odonata) and butterfly monitoring in the Survey Area (excluding the WRA)**

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>7</b>			
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	0.5	0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	0.5	V
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	1	0.5	0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0	0.0	V
Saddlebag Glider	<i>Tramea virginia</i>	-	0	0.0	V
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	18.5	V
Wandering Glider	<i>Pantala flavescens</i>	-	1	0.5	0
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterfly</b>	<b>No. of species recorded:</b>	<b>3</b>			
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	2	4.5	0
Common Mormon	<i>Papilio polytes polytes</i>	-	1	0.5	V
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	1.0	V

Note:

- (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 reporting period (excluding the WRA).  
 (4) Includes observations during other surveys and/or site visits.  
 (5) Two regular surveys and two outside surveys were conducted  
 V Indicates the species is recorded outside regular surveys

**Table J6: Summary of dragonflies (odonata) and butterfly monitoring in the WRA**

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>5</b>			
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	2.0	V
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0	0.0	V
Saddlebag Glider	<i>Tramea virginia</i>	-	1	1.5	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	16.0	V
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	0	0.0	V
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2019 Occurrence <sup>(2)</sup>	May 2019 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterflies</b>	<b>No. of species recorded:</b>	<b>10</b>			
Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	-	0	0.0	V
Common Awl	<i>Hasora badra badra</i>	LC	0	0.0	V
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	2	2.5	V
Common Indian Crow	<i>Euploea core amymone</i>	-	1	0.5	0
Common Mormon	<i>Papilio polytes polytes</i>	-	1	0.5	V
Common Sailor	<i>Neptis hylas hylas</i>	-	1	0.5	0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	0	0.0	V
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	0.5	0
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i>	-	0	0.0	V
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	-	1	0.5	V

Note:

(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 reporting period in the WRA.

(4) Includes observations during other surveys and/or site visits.

(5) Two regular surveys and two outside surveys were conducted

V Indicates the species is recorded outside regular surveys