

## 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>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Amphibian</b>	<b>No. of species recorded:</b>	<b>0</b>			
No records in November 2021					
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 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 November 2021					

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) One regular survey, five outside 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>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Amphibian</b>	<b>No. of species recorded:</b>	<b>0</b>			
No records in November 2021					
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 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 November 2021					

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) One regular survey and nine outside 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>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 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 November 2021					
Note:					
(1) Conservation status follows that of Fellowes <i>et al.</i> (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) Six regular surveys and no 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>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 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 November 2021					
Note:					
(1) Conservation status follows that of Fellowes <i>et al.</i> (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) Six regular surveys and four 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>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>9</b>			
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	8.0	0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	1.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	1.0	0
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	1	1.0	0
Pied Percher	<i>Neurothemis tullia tulliacontaminata</i>	-	1	1.0	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	1	15.0	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	5.0	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	1	10.0	0
Saddlebag Glider	<i>Tramea virginia</i>	-	1	3.0	0
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterfly</b>	<b>No. of species recorded:</b>	<b>13</b>			
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	1	2.0	0
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	1	2.0	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	2.0	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1	12.0	0
Tiny Grass Blue	<i>Zizula hylax</i>	-	1	1.0	0
Dark Cerulean	<i>Jamides bochus bochus</i>	-	1	2.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	10.0	0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	3.0	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	1	9.0	0
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	1	1.0	0
Red Helen	<i>Papilio helenus</i>	-	1	1.0	0

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Common Mormon	<i>Papilio polytes polytesPomona</i>	-	1	1.0	0
Indian Palm Bob	<i>Suastus gremius gremius</i>	-	1	1.0	0

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) One regular survey and five 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>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>14</b>			
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	1	2.0	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	4.0	0
Yellow Featherlegs	<i>Copera marginipes</i>	-	1	1.0	0
Lesser Emperor	<i>Anax parthenope julius</i>	-	1	1.0	0
Regal Pond Cruiser	<i>Epophthalmia elegans</i>	-	1	1.0	0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	1	5.0	0
Asian Amberwing	<i>Brachythemis contaminatacontaminata</i>	-	1	2.0	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	5.0	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	1	9.0	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	6.0	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	1	9.0	0
Evening Skimmer	<i>Tholymis tillargaaria</i>	-	1	4.0	0
Saddlebag Glider	<i>Tramea virginia</i>	-	1	3.0	0
Scarlet Basker	<i>Urothemis signata signata</i>	LC	1	2.0	0
<b>Butterfly</b>	<b>No. of species recorded:</b>	<b>20</b>			
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	-	1	1.0	0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	1	6.0	0
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	1	1.0	0

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2021 Occurrence <sup>(2)</sup>	Nov 2021 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Angled Castor	<i>Ariadne ariadne atternus</i>	-	1	1.0	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	4.0	0
South China Bush Brown	<i>Mycalesis zonata</i>	-	1	1.0	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1	6.0	0
Tiny Grass Blue	<i>Zizula hylax</i>	-	1	3.0	0
Tailless Line Blue	<i>Prosotas dubiosa</i>	-	1	4.0	0
Dark Cerulean	<i>Jamides bochus bochus</i>	-	1	5.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	11.0	0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	2.0	0
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	-	1	1.0	0
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i> <i>Pomona</i>	-	1	1.0	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	1	5.0	0
Three-spot Grass Yellow	<i>Eurema blanda hylama</i> <i>Agamemnon</i>	-	1	2.0	0
Common Mime	<i>Chilasa clytia clytia</i>	-	1	1.0	0
Common Mormon	<i>Papilio polytes polytes</i>	-	1	3.0	0
Spangle	<i>Papilio protenor</i>	-	1	1.0	0
Dark Swift	<i>Caltoris cahira</i>	-	1	1.0	0

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) One regular survey and nine outside surveys were conducted
- V Indicates the species is recorded outside regular surveys