

## 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 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Amphibian	No. of species recorded:	0			
No records in November 2020					
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Reptile	No. of species recorded:	0			
No records in November 2020					

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 daytime regular survey was conducted and 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 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Amphibian	No. of species recorded:	0			
No records in November 2020					
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Reptile	No. of species recorded:	0			
No records in November 2020					

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 daytime regular survey and 13 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 2020 Occurrence <sup>(2)</sup>	Nov 2020 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 2020					
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 2020 Occurrence <sup>(2)</sup>	Nov 2020 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 2020					
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 nine 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 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>10</b>			
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	7.0	0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	2.0	0
Regal Pond Cruiser	<i>Epopthalmia elegans</i>	-	1	1.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	1.0	0
Crimson Darer	<i>Crocothemis servilia servilia</i>	-	1	1.0	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	1.0	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	1	16.0	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	5.0	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	1	11.0	0
Saddlebag Glider	<i>Tramea virginia</i>	-	1	4.0	0

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterfly</b>	<b>No. of species recorded:</b>	<b>14</b>			
Plain Tiger	<i>Danaus chrysippus</i>	-	1	1.0	0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	1	3.0	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	14.0	0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	3.0	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	1	12.0	0
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	1	1.0	0
Red Helen	<i>Papilio helenus</i>	-	1	1.0	0
Common Mormon	<i>Papilio polytes polytes</i>	-	1	2.0	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 survey 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 2020 Occurrence <sup>(2)</sup>	Nov 2020 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	3.0	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	4.0	0
Regal Pond Cruiser	<i>Epophthalmia elegans</i>	-	1	1.0	0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	1	5.0	0

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Asian Amberwing	<i>Brachythemis contaminata</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 tillarga</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

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterfly</b>	<b>No. of species recorded:</b>	<b>26</b>			
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	-	-	-	V
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	1	7.0	0
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	1	1.0	0
Angled Castor	<i>Ariadne ariadne alterna</i>	-	1	1.0	0
Common Duffer	<i>Discophora sondaica tulliana</i>	-	-	-	V
Common Palmfly	<i>Elymnias hypermnestra hainana</i>	-	1	1.0	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	5.0	0
South China Bush Brown	<i>Mycalesis zonata</i>	-	1	1.0	0
Gram Blue	<i>Euchrysops cnejus</i>	-	1	1.0	0
Slate Flash	<i>Rapala manea</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	5.0	0
Tailless Line Blue	<i>Prosotas dubiosa</i>	-	1	4.0	0
Dark Cerulean	<i>Jamides bochus bochus</i>	-	1	5.0	0
Malayan	<i>Megisba malaya</i>	LC	-	-	V
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	13.0	0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	1.0	0

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Nov 2020 Occurrence <sup>(2)</sup>	Nov 2020 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	-	1	1.0	0
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</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>	-	1	3.0	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
Common Awl	<i>Hasora badra badra</i>	LC	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.

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(5) One regular survey and 13 outside surveys were conducted

V Indicates the species is recorded outside regular surveys