

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 ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	4			
Asian Common Toad	<i>Bufo melanostictus</i>	-	2	7.0	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	-	-	V
Paddy Frog	<i>Fejervarya limnocharis</i>	-	1	2.0	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	1.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	2			
Red-eared Slider	<i>Trachemys scripta elegans</i>	-	1	1.0	V
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	8.0	0

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 and six 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 ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	1			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	3.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	6			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	3.0	V
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	1	0.5	0
Reeve's Smooth Skink	<i>Scincella reevesii</i>	-	2	2.0	0
Common Blind Snake	<i>Indotyphlops braminus</i>	-	-	-	V
Common Rat Snake	<i>Ptyas mucosus</i>	-	-	-	V
Indo Chinese Rat Snake	<i>Ptyas korros</i>	-	-	-	V

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 and 11 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 ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	0			
No records in March 2021					

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) Eight 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 ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	1			
Musk Shrew	<i>Suncus murinus</i>	-	1	3	0

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) Eight regular surveys and five 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 ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	4			
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	3.0	0
Yellow Featherlegs	<i>Copera marginipes</i>	-	1	5.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	1.0	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	4.0	0
Butterfly	No. of species recorded:	7			
Common Sailor	<i>Neptis hylas hylas</i>	-	1	1.0	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	3.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	1.0	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	41.0	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	-	1	1.0	0
Common Mime	<i>Chilasa clytia clytia</i>	-	1	1.0	0
Great Mormon	<i>Papilio memnon agenor</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 seven 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 ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	13			
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	1	2.0	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	3.0	0
Blue Sprite	<i>Pseudagrion microcephalum</i>	LC	1	1.0	0
Pale-spotted Emperor	<i>Anax guttatus</i>	-	-	-	V
Dingy Dusk-hawker	<i>Gynacantha subinterrupta</i>	LC	-	-	V
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	-	-	V
Asian Amberwing	<i>Brachythemis contaminata</i>	-	-	-	V
Pied Percher	<i>Neurothemis tullia tullia</i>	-	-	-	V
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	1	3.0	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	1.0	0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	1	1.0	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	-	-	V
Evening Skimmer	<i>Tholymis tillarga</i>	-	-	-	V

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterfly	No. of species recorded:	20			
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	5.0	0
Chocolate Royal	<i>Remelana jangala mudra</i>	-	-	-	V
Slate Flash	<i>Rapala manea</i>	-	-	-	V
Long-tailed Blue	<i>Lampides boeticus</i>	-	1	1.0	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1	1.0	0
Lesser Grass Blue	<i>Zizina otis</i>	-	1	3.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	1.0	0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	1.0	V
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	8.0	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2021 Occurrence ⁽²⁾	Mar 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	1	1.0	0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	1	3.0	0
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	1	1.0	0
Common Mime	<i>Chilasa clytia clytia</i>	-	1	2.0	0
Red Helen	<i>Papilio helenus</i>	-	1	2.0	0
Common Mormon	<i>Papilio polytes polytes</i>	-	1	2.0	0
Paris Peacock	<i>Papilio paris</i>	-	1	2.0	0
Chinese Dart	<i>Potanthus confucius confucius</i>	-	1	1.0	0
Bevan's Swift	<i>Pseudoborbo bevani</i>	-	-	-	V
Colon Swift	<i>Caltoris bromus</i>	-	-	-	V
Dark Swift	<i>Caltoris cahira</i>	-	-	-	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) One regular survey and 12 outside surveys were conducted
- V Indicates the species is recorded outside regular surveys