

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⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	4			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	4.5	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	2	3.5	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	1.0	0
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-	1	0.5	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	3			
Red-eared Slider	<i>Trachemys scripta elegans</i>	-	-	-	V
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	12.5	0
Many-banded Krait	<i>Bungarus multicinctus multicinctus</i>	-	1	0.5	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⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	3			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	3.0	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	1	0.5	0
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	2.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	6			
Red-eared Slider	<i>Trachemys scripta elegans</i>	-	-	-	V
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	6	0
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	1	0.5	0
Common Rat Snake	<i>Ptyas mucosus</i>	-	-	-	V

Many-banded Krait	<i>Bungarus multicinctus multicinctus</i>	-	-	-	V
King Cobra	<i>Ophiophagus hannah</i>	PRC	-	-	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 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 ⁽¹⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	0			
No records in April 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⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	0			
No records in April 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 in the WRA.

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

(5) Eight regular surveys and seven 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⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	9			
Orange-tailed Sprite	<i>Ceragrion auranticum ryukyuanum</i>	-	2	4.0	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	2	51.0	0
Yellow Featherlegs	<i>Copera marginipes</i>	-	1	1.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	2	7.0	0

Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	0.5	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	2.5	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	2.0	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	4.0	0
Saddlebag Glider	<i>Tramea virginia</i>	-	1	0.5	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterfly	No. of species recorded:	6			
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	0.5	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	2	6.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	2	1.5	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	2	8.0	0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	1	2.0	0
Common Mormon	<i>Papilio polytes polytes</i>	-	2	2.5	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) Two regular survey and six 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⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	14			
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	1	0.5	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	2	4.5	0
Blue Sprite	<i>Pseudagrion microcephalum</i>	LC	1	0.5	0
Yellow Featherlegs	<i>Copera marginipes</i>	-	1	0.5	0
Regal Pond Cruiser	<i>Epophthalmia elegans</i>	-	1	1.5	0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	1	1.5	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	1.0	0
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	1	0.5	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	2.5	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	7.0	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	3.0	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	6.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Saddlebag Glider	<i>Tramea virginia</i>	-	2	2.5	0
Dingy Dusk-darter	<i>Zyxomma petiolatum</i>	-	1	0.5	V

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Apr 2021 Occurrence ⁽²⁾	Apr 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterfly	No. of species recorded:	17			
Blue-spotted Crow	<i>Euploea midamus midamus</i>	-	1	0.5	0
Dark Evening Brown	<i>Melanitis phedima muskata</i>	-	1	0.5	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	1.0	0
Common Five-ring	<i>Ypthima baldus baldus</i>	-	1	0.5	0
Long-tailed Blue	<i>Lampides boeticus</i>	-	2	1.5	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	2	5.5	0
Tiny Grass Blue	<i>Zizula hylax</i>	-	2	3.0	0
Tailless Line Blue	<i>Prosotas dubiosa</i>	-	2	1.5	0
Dark Cerulean	<i>Jamides bochus bochus</i>	-	1	0.5	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	2	2.0	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	5.0	0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	1	0.5	0
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	1	0.5	0
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	1	0.5	0
Common Mormon	<i>Papilio polytes polytes</i>	-	1	0.5	0
Paris Peacock	<i>Papilio paris</i>	-	1	0.5	0
Dark Swift	<i>Caltoris cahira</i>	-	1	0.5	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) Two regular survey and 13 outside surveys were conducted

V Indicates the species is recorded outside regular surveys