

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⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	6			
Asian Common Toad	<i>Bufo melanostictus</i>	-	2	3.0	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	2	1.5	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	3.0	0
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-	1	0.5	0
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	1.5	0
Greenhouse Frog	<i>Eleutherodactylus planirostris</i>	-	1	2.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	3			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	8.5	0
Changeable Lizard	<i>Calotes versicolor</i>	-	1	0.5	0
Chinese Cobra	<i>Naja atra</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 (excluding the WRA).

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

(5) Two regular surveys, six outside surveys for amphibians and seven outside surveys for reptiles 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⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	4			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	1.5	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	1	2.0	0
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	0.5	0
Greenhouse Frog	<i>Eleutherodactylus planirostris</i>	-	1	4.0	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	5			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	6.5	0
Changeable Lizard	<i>Calotes versicolor</i>	-	1	0.5	0
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	1	0.5	0
Checkered Keelback	<i>Xenochrophis flavipunctatus</i>	-	-	-	V
Chinese Cobra	<i>Naja atra</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 15 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⁾	May 2021 Occurrence ⁽²⁾	May 2021 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	0			
No records in May 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⁾	May 2021 Occurrence ⁽²⁾	May 2021 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	0			
No records in May 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 16 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⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	12			
Orange-tailed Sprite	<i>Ceragrion auranticum ryukyuanum</i>	-	1	0.5	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	2	190.5	0
Pale-spotted Emperor	<i>Anax guttatus</i>	-	1	1.0	0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	1.5	0
Golden Flangetail	<i>Sinictinogomphus clavatus</i>	-	2	3.5	0
Regal Pond Cruiser	<i>Epopthemia elegans</i>	-	1	0.5	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	2	22.0	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	34.5	0
Wandering Glider	<i>Pantala flavescens</i>	-	2	24.5	0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	1	1.0	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	67.0	0
Saddlebag Glider	<i>Tramea virginia</i>	-	2	6.5	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterfly	No. of species recorded:	14			
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	1	1.0	0
Angled Castor	<i>Ariadne ariadne atternus</i>	-	1	1.0	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	2	1.5	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	2	6.5	0
Tiny Grass Blue	<i>Zizula hylax</i>	-	1	0.5	0
Dark Cerulean	<i>Jamides bochus bochus</i>	-	1	1.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	2	2.5	0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	0.5	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	1.5	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	1	0.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
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 Mormon	<i>Papilio polytes polytes</i>	-	2	2.5	0
Paris Peacock	<i>Papilio paris</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) 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⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	19			
Common Bluetail	<i>Ischnura senegalensis</i>	-	2	10.5	0
Pale-spotted Emperor	<i>Anax guttatus</i>	-	2	3.0	0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	0.5	0
Golden Flangetail	<i>Sinictinogomphus clavatus</i>	-	1	1.0	V
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	2	5.5	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	2.0	0
Crimson Darter	<i>Crocthemis servilia servilia</i>	-	2	5.0	0
Blue Percher	<i>Diplacodes trivialis</i>	-	1	0.5	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	2	13.0	0
Mangrove Skimmer	<i>Orthetrum poecilops</i>	GC, VU	1	0.5	V
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	14.5	0
Wandering Glider	<i>Pantala flavescens</i>	-	2	9.0	0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	2	2.0	0
Ruby Darter	<i>Rhodothemis rufa</i>	LC	1	0.5	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	16.0	0
Evening Skimmer	<i>Tholymis tillarga</i>	-	2	3.5	0
Saddlebag Glider	<i>Tramea virginia</i>	-	2	6.0	0
Scarlet Basker	<i>Urothemis signata signata</i>	LC	1	1.5	0
Dingy Dusk-darter	<i>Zyxomma petiolatum</i>	-	1	1.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2021 Occurrence ⁽²⁾	May 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
Great Egg-fly	<i>Hypolimnys bolina kezia</i>	-	1	0.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2021 Occurrence ⁽²⁾	May 2021 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Danaid Eggfly	<i>Hypolimnas misippus</i>	LC	2	1.5	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	0.5	0
Long-tailed Blue	<i>Lampides boeticus</i>	-	1	1.5	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	2	7.0	0
Tiny Grass Blue	<i>Zizula hylax</i>	-	2	1.5	0
Tailless Line Blue	<i>Prosotas dubiosa</i>	-	2	3.5	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	0.5	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	2.0	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	2	7.0	0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	2	2.5	0
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	2	2.0	0
Common Mime	<i>Chilasa clytia clytia</i>	-	1	1.0	0
Common Mormon	<i>Papilio polytes polytes</i>	-	2	1.5	0
Dart	<i>Potanthus</i> sp.	-	1	0.5	0
Banana Skipper	<i>Erionota torus</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 15 outside surveys were conducted

V Indicates the species is recorded outside regular surveys