

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 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	3			
Asian Common Toad	<i>Bufo melanostictus</i>	-	2	6.0	0
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 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	1			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	4.5	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⁾	Mar 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	6			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	4.0	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	1	1.5	0
Paddy Frog	<i>Fejervarya limnocharis</i>	-	1	1.0	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	1.0	0
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-	1	2.0	0

Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	2.5	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	3			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	2	5.0	0
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	1	0.5	0
Reeve's Smooth Skink	<i>Scincella reevesii</i>	-	2	2.0	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 in the WRA.

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

(5) Two regular surveys and 18 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 2023 Occurrence ⁽²⁾	Mar 2023 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	1			
Short-nosed Fruit Bat	<i>Cynopterus sphinx</i>	-	1	6	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 (excluding the WRA).

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

(5) Eight regular 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 2023 Occurrence ⁽²⁾	Mar 2023 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	2			
Short-nosed Fruit Bat	<i>Cynopterus sphinx</i>	-	1	7	0
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	1	6	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 12 outside surveys were conducted

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 2023 Occurrence ⁽²⁾	Mar 2023 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	7.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterflies	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	2.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	1.0	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	34.0	0
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

✓ 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 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	11			
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	1	2.0	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	1	5.0	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	3.0	0
Blue Sprite	<i>Pseudagrion microcephalum</i>	LC	1	1.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	2.0	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	4.0	0
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
Evening Skimmer	<i>Tholymis tillarga</i>	-	1	1.0	0
Dingy Dusk-darter	<i>Zyxomma petiolatum</i>	-	1	1.0	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterflies	No. of species recorded:	16			
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	5.0	0
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	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	8.0	0
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

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Mar 2023 Occurrence ⁽²⁾	Mar 2023 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
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
Banana Skipper	<i>Erionota torus</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 19 outside surveys were conducted
- V Indicates the species is recorded outside regular surveys