

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⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	6			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	10.0	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	2	3.5	0
Paddy Frog	<i>Fejervarya limnocharis</i>	-	1	1.0	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	5.0	0
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-	1	3.0	0
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	3.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	3			
Red-eared Slider	<i>Trachemys scripta elegans</i>	-	1	0.5	0
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	10.5	0
Long-tailed Skink	<i>Eutropis longicaudata</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⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	7			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	6.5	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	2	4.5	0
Paddy Frog	<i>Fejervarya limnocharis</i>	-	1	3.0	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	1.0	0
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-	1	1.5	0
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	3.5	0
Greenhouse Frog	<i>Eleutherodactylus planirostris</i>	-	1	4.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	5			
Red-eared Slider	<i>Trachemys scripta elegans</i>	-	1	0.5	0
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	4.5	0
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	1	0.5	0
Reeve's Smooth Skink	<i>Scincella reevesii</i>	-	1	1.0	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 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⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	0			
Nil					

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 six outside surveys were conducted.
- ✓ Indicates the species is recorded outside regular surveys

Table J4: Summary of mammal monitoring in the WRA

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	1			
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	1	9	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 nine outside surveys were conducted
- ✓ 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⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	11			
Pale-spotted Emperor	<i>Anax guttatus</i>	-	1	3.0	0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	0.5	0
Regal Pond Cruiser	<i>Epopthalmia elegans</i>	-	1	0.5	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	2	25.5	0
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	2	4.0	0
Amber-winged Glider	<i>Hydrobasileus croceus</i>	-	1	0.5	0
Coastal Glider	<i>Macrodiplox cora</i>	LC	2	2.0	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	8.5	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	17.5	0
Variigated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	17.5	0
Saddlebag Glider	<i>Tramea virginia</i>	-	1	1.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterflies	No. of species recorded:	7			
Lemon Pansy	<i>Junonia lemonias lemonias</i>	-	1	0.5	0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	2	2.0	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1	2.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	1.0	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	2	1.0	0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	1	1.0	0
Common Mormon	<i>Papilio polytes polytes</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 surveys 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⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	24			
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	2	2.5	0
Orange-tailed Sprite	<i>Ceragrion auranticum ryukyuanum</i>	-	1	1.0	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	4.0	0
Blue Sprite	<i>Pseudagrion microcephalum</i>	LC	1	0.5	0
Yellow Featherlegs	<i>Copera marginipes</i>	-	1	0.5	0
Pale-spotted Emperor	<i>Anax guttatus</i>	-	2	5.0	0
Lesser Emperor	<i>Anax parthenope julius</i>	-	1	0.5	0
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	1	3.0	0
Regal Pond Cruiser	<i>Epophthalmia elegans</i>	-	1	1.0	0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	2	8.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	4.5	0
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	2	9.5	0
Amber-winged Glider	<i>Hydrobasileus croceus</i>	-	1	1.0	0
Coastal Glider	<i>Macrodiplax cora</i>	LC	1	2.0	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	2	7.5	0
Common Red Skimmer	<i>Orthetrum pruinatum neglectum</i>	-	1	0.5	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	6.5	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	15.5	0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	2	2.5	0
Ruby Darter	<i>Rhodothemis rufa</i>	LC	2	2.5	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	36.5	0
Evening Skimmer	<i>Tholymis tillarga</i>	-	2	4.5	0
Saddlebag Glider	<i>Tramea virginia</i>	-	2	2.5	0
Dingy Dusk-darter	<i>Zygomma petiolatum</i>	-	1	0.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	Jul 2022 Occurrence ⁽²⁾	Jul 2022 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterflies	No. of species recorded:	25			
Blue Tiger	<i>Tirumala limniace</i>	-	1	0.5	0
Blue-spotted Crow	<i>Euploea midamus midamus</i>	-	1	0.5	0
Common Indian Crow	<i>Euploea core amydone</i>	-	1	0.5	0
Lemon Pansy	<i>Junonia lemonias lemonias</i>	-	1	0.5	0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	2	2.0	0
Common Sailor	<i>Neptis hylas hylas</i>	-	1	0.5	0
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-	1	1.0	0
Angled Castor	<i>Ariadne ariadne alterna</i>	-	1	0.5	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	2	2.5	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	2	4.5	0
Lesser Grass Blue	<i>Zizina otis</i>	-	1	2.0	0
Tiny Grass Blue	<i>Zizula hylax</i>	-	1	0.5	0
Tailless Line Blue	<i>Prosotas dubiosa</i>	-	1	2.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	0.5	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	2	1.0	0
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	1	2.5	0
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	1	0.5	0
Common Mime	<i>Chilasa clytia clytia</i>	-	1	0.5	0
Common Mormon	<i>Papilio polytes polytes</i>	-	2	3.5	0
Pale Palm Dart	<i>Telicota colon</i>	LC	1	0.5	0
Formosan Swift	<i>Borbo cinnara</i>	-	1	0.5	0
Conjoined Swift	<i>Pelopidas conjunctus</i>	-	1	1.0	0
Colon Swift	<i>Caltoris bromus</i>	-	1	0.5	0
Chinese Dart	<i>Potanthus confucius confucius</i>	-	1	0.5	0
Indian Palm Bob	<i>Suastus gremius gremius</i>	-	1	0.5	0

Note:

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