

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⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	2			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	1.5	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	0.5	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	1			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	3.5	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 survey and seven 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⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	7			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	2.0	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	1	0.5	0
Paddy Frog	<i>Fejervarya limnocharis</i>	-	1	0.5	0
Chinese Bullfrog	<i>Hoplobatrachus chinensis</i>	PRC	1	0.5	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	1.0	0
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-	1	1.0	0
Ornate Pigmy Frog	<i>Microhyla fissipes</i>	-	2	10.0	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	2			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	2	5.0	0
Four-clawed Gecko	<i>Gehyra mutilata</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 survey 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⁾	July 2024 Occurrence ⁽²⁾	July 2024 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 (excluding the WRA).

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

(5) Nine 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⁾	July 2024 Occurrence ⁽²⁾	July 2024 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	1			
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	1	7	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) Nine regular surveys and eight outside surveys were conducted.

V Indicates the species is recorded outside regular surveys

Species tagged with '#' are Category II protected under terrestrial wildlife state protection.

Table J5: Summary of dragonflies (odonata) and butterfly monitoring in the Survey Area (excluding the WRA)

Species Name	Scientific Name	Conservation Status ⁽¹⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	6			
Orange-tailed Sprite	<i>Ceragrion auranticum ryukyuanum</i>	-	1	1.0	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	1.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	0.5	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	0.5	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	1.0	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	6.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterflies	No. of species recorded:	4			
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	2	1.0	0
Common Sailor	<i>Neptis hylas hylas</i>	-	2	1.5	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1	0.5	0
Small Cabbage White	<i>Pieris rapae crucivora</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 (excluding the WRA).

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

(5) Two Regular 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⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	16			
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	1	0.5	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	1.0	0
Orange-faced Sprite	<i>Pseudagrion rubriceps rubriceps</i>	-	-	-	V
Yellow Featherlegs	<i>Copera marginipes</i>	-	2	1.0	0
Pale-spotted Emperor	<i>Anax guttatus</i>	-	-	-	V
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	2	2.0	0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	2	2.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	2	5.0	0
Crimson Darter	<i>Crocothemis servilla servilla</i>	-	1	1.5	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	2	3.5	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	1	0.5	0
Wandering Glider	<i>Pantala flavescens</i>	-	2	7.0	0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	1	1.5	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	4.0	0
Evening Skimmer	<i>Tholymis tillarga</i>	-	1	1.0	V

Species Name	Scientific Name	Conservation Status ⁽¹⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Scarlet Basker	<i>Urothemis signata signata</i>	LC	1	0.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	July 2024 Occurrence ⁽²⁾	July 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterflies	No. of species recorded:	9			
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	1	0.5	0
Common Evening Brown	<i>Melanitis leda</i>	-	1	0.5	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	0.5	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1	0.5	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	1	0.5	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	1.0	0
Rare Swift	<i>Parnara ganga</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).
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