

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 2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	1			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	2.0	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	Apr 2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	1			
Bowring's Gecko	<i>Hemidactylus bowringii</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 survey 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⁾	May 2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Amphibian	No. of species recorded:	5			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	0.5	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	1	0.5	0
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	0.5	0
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-	1	2.5	0
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	1.5	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Reptile	No. of species recorded:	1			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	2	3.0	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 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⁾	May 2024 Occurrence ⁽²⁾	May 2024 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	0			
Note:					
(1) Conservation status follows that of Fellowes <i>et al.</i> (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⁾	May 2024 Occurrence ⁽²⁾	May 2024 Max ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Mammal	No. of species recorded:	1			
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	1	1	0
Note:					
(1) Conservation status follows that of Fellowes <i>et al.</i> (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.					
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⁾	May 2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	6			
Common Bluetail	<i>Ischnura senegalensis</i>	-	2	5.5	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	1.5	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	1.5	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	2.0	0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	2	2.5	0
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2	39.5	0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterflies	No. of species recorded:	11			
Rustic	<i>Cupha erymanthis erymanthis</i>	-	1	0.5	0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	2	1.0	0
Common Evening Brown	<i>Melanitis leda</i>	-	1	1.0	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	2	1.5	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	0.5	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	2	4.5	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	1	0.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	2	1.0	0
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	-	1	0.5	0
Lime Butterfly	<i>Papilio demoleus</i>	-	1	0.5	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 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⁾	May2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Odonata	No. of species recorded:	20			
Orange-tailed Midget	<i>Agriocnemis femina oryzae</i>	-	1	0.5	0
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	1	1.0	0
Orange-tailed Sprite	<i>Ceragrion auranticum ryukyuanum</i>	-	1	2.0	0
Common Bluetail	<i>Ischnura senegalensis</i>	-	2	8.0	0
Orange-faced Sprite	<i>Pseudagrion rubriceps rubriceps</i>	-	1	1.0	0
Yellow Featherlegs	<i>Copera marginipes</i>	-	2	3.5	0
Pale-spotted Emperor	<i>Anax guttatus</i>	-	-	-	V
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	2	2.0	0
Asian Pintail	<i>Acisoma panorpoides</i>	-	1	1.0	0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	2	2.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	2	2.0	0
Crimson Darter	<i>Crocothemis servilia servilia</i>	-	1	0.5	0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	-	-	V
Red-faced Skimmer	<i>Orthetrum chrysis</i>	-	1	0.5	0
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	2	4.0	0
Wandering Glider	<i>Pantala flavescens</i>	-	1	0.5	0
Pied Skimmer	<i>Pseudothemis zonata</i>	-	2	4.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	May2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	1	4.0	0
Evening Skimmer	<i>Tholymis tillarga</i>	-	1	0.5	0
Saddlebag Glider	<i>Tramea virginia</i>	-	1	0.5	0

Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2024 Occurrence ⁽²⁾	May 2024 Mean ⁽³⁾	Records Outside Surveys ⁽⁴⁾
Butterflies	No. of species recorded:	14			
Blue-spotted Crow	<i>Euploea midamus midamus</i>	-	2	1.0	0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	2	1.5	0
Common Sailor	<i>Neptis hylas hylas</i>	-	1	0.5	0
Common Evening Brown	<i>Melanitis leda</i>	-	2	1.0	0
Common Palmfly	<i>Elymnias hypermnestra hainana</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>	-	2	16.5	0
Common Hedge Blue	<i>Acytolepis puspa</i>	-	1	0.5	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	1.0	0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	2	1.0	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>	-	2	1.0	0
Paintbrush Swift	<i>Baoris farri</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.