

## 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 <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Amphibian</b>	<b>No. of species recorded:</b>	<b>3</b>			
Asian Common Toad	<i>Bufo melanostictus</i>	-	2	7.0	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 <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Reptile</b>	<b>No. of species recorded:</b>	<b>1</b>			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	8.0	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 (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 <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Amphibian</b>	<b>No. of species recorded:</b>	<b>3</b>			
Asian Common Toad	<i>Bufo melanostictus</i>	-	1	3.0	0
Gunther's Frog	<i>Hylarana guentheri</i>	-	1	0.5	0
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	2.5	0
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Reptile</b>	<b>No. of species recorded:</b>	<b>3</b>			
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1	3.5	0
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	1	0.5	0

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
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 twelve 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 <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Max <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Mammal</b>	<b>No. of species recorded:</b>	<b>2</b>			
Short-nosed Fruit Bat	<i>Cynopterus sphinx</i>	-	1	1	0
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	1	2	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 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 <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Max <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Mammal</b>	<b>No. of species recorded:</b>	<b>2</b>			
Short-nosed Fruit Bat	<i>Cynopterus sphinx</i>	-	1	6	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 six 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 <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>4</b>			
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	4.0	0
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterflies</b>	<b>No. of species recorded:</b>	<b>7</b>			
Common Sailor	<i>Neptis hylas hylas</i>	-	1	1.0	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	3.0	0
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	1.0	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	41.0	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

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 <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>12</b>			
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	1	2.0	0
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

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	2.0	V
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	4.0	V
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
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	-	-	V
Evening Skimmer	<i>Tholymis tillarga</i>	-	1	1.0	V
Dingy Dusk-darter	<i>Zyxomma petiolatum</i>	-	1	1.0	0

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2022 Occurrence <sup>(2)</sup>	Mar 2022 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterflies</b>	<b>No. of species recorded:</b>	<b>16</b>			
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
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 13 outside surveys were conducted

V Indicates the species is recorded outside regular surveys