

## 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 2024 Occurrence <sup>(2)</sup>	Mar 2024 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Amphibian</b>	<b>No. of species recorded:</b>	<b>0</b>			
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2024 Occurrence <sup>(2)</sup>	Mar 2024 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Reptile</b>	<b>No. of species recorded:</b>	<b>0</b>			

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) One regular survey and five 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 2024 Occurrence <sup>(2)</sup>	Mar 2024 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Amphibian</b>	<b>No. of species recorded:</b>	<b>1</b>			
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	-	1	1.0	0
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2024 Occurrence <sup>(2)</sup>	Mar 2024 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>	-	-	-	V

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) One regular survey 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 <sup>(1)</sup>	Mar 2024 Occurrence <sup>(2)</sup>	Mar 2024 Max <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Mammal</b>	<b>No. of species recorded:</b>	<b>1</b>			
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	1	3	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) Five 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 <sup>(1)</sup>	Mar 2024 Occurrence <sup>(2)</sup>	Mar 2024 Max <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Mammal</b>	<b>No. of species recorded:</b>	<b>3</b>			
Short-nosed Fruit Bat	<i>Cynopterus sphinx</i>	-	1	2	0
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	1	1	0
Leopard Cat#*	<i>Prionailurus bengalensis</i>	Class II	1	1	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) Five regular surveys and 13 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.

\* scats of the Leopard Cat were found during regular survey on 5 March 2024

**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 2024 Occurrence <sup>(2)</sup>	Mar 2024 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>1</b>			
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	1.0	0

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2024 Occurrence <sup>(2)</sup>	Mar 2024 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterflies</b>	<b>No. of species recorded:</b>	<b>4</b>			
Common Hedge Blue	<i>Acytolepis puspa</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	5.0	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) One Regular and five 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 2024 Occurrence <sup>(2)</sup>	Mar 2024 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>	<b>3</b>			
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	1.0	0
Asian Amberwing	<i>Brachythemis contaminata</i>	-	-	-	V
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	-	-	V
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	Mar 2024 Occurrence <sup>(2)</sup>	Mar 2024 Mean <sup>(3)</sup>	Records Outside Surveys <sup>(4)</sup>
<b>Butterflies</b>	<b>No. of species recorded:</b>	<b>9</b>			
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-	1	1.0	0
Angled Castor	<i>Ariadne ariadne alterna</i>	-	1	1.0	0
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	1.0	0
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1	17.0	0
Lesser Grass Blue	<i>Zizina otis</i>	-	-	-	V
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	1	10.0	0
Small Cabbage White	<i>Pieris rapae crucivora</i>	-	1	3.0	0
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	-	1	1.0	0
Common Bluebottle	<i>Graphium sarpedon sarpedon</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 18 outside surveys were conducted.

V Indicates the species is recorded outside regular surveys.