

# Appendix 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>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>	Records Outside Surveys
Amphibian	No. of species recorded:			1	
Gunther's Frog	<i>Hylarana guentheri</i>	-	1	1.0	
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>	Records Outside Surveys
Reptile	No. of species recorded:			0	
(No records in May 2016)					

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).

Table J2: Summary of herpetofauna monitoring in the WRA

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>	Records Outside Surveys
Amphibian	No. of species recorded:			1	
Gunther's Frog	<i>Hylarana guentheri</i>	-	1	1.0	
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>	Records Outside Surveys
Reptile	No. of species recorded:			0	
(No records in May 2016)					

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.

Table J3: Summary of mammal monitoring in the Survey Area (excluding the WRA)

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Max <sup>(3)</sup>	Records Outside Surveys
Mammal	No. of species recorded:			0	
(No records in May 2016)					

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).

Table J4: Summary of mammal monitoring in the WRA

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Max <sup>(3)</sup>	Records Outside Surveys
<b>Mammal</b>	<b>No. of species recorded:</b>			<b>1</b>	
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	-	-	✓

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 at WRA.

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>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>			<b>4</b>
Common Flangetail	<i>Ictionogomphus pertinax</i>	-	1	0.5
Green Skimmer	<i>Orthetrum sabina</i>	-	1	0.5
Pied Skimmer	<i>Pseudothemis zonata</i>	-	1	0.5
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	1	2.0
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>
<b>Butterfly</b>	<b>No. of species recorded:</b>			<b>2</b>
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-	1	0.5
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1	3.0

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).

Table J6: Summary of dragonflies (odonata) and butterfly monitoring in the WRA

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>
<b>Odonata</b>	<b>No. of species recorded:</b>			<b>15</b>
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1	1.0
Asian Pintail	<i>Acisoma panorpoides</i>	-	1	1.0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	1	1.0
Common Bluetail	<i>Ischnura senegalensis</i>	-	1	1.0
Common Flangetail	<i>Ictionogomphus pertinax</i>	-	1	5.5
Eastern Lilysquatter	<i>Paracercion melanotum</i>	-	1	6.0
Green Skimmer	<i>Orthetrum sabina</i>	-	1	5.0
Marsh Skimmer	<i>Orthetrum luzonicum</i>	-	1	0.5
Orange-tailed Midget	<i>Agriocnemis femina oryzae</i>	-	1	3.0
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	1	2.0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	1	0.5
Pied Skimmer	<i>Pseudothemis zonata</i>	-	1	6.5
Ruby Darter	<i>Rhodothemis rufa</i>	-	1	1.0
Saddlebag Glider	<i>Tramea virginia</i>	-	1	2.5

Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	-	1	16.0
Species Name	Scientific Name	Conservation Status <sup>(1)</sup>	May 2016 Occurrence <sup>(2)</sup>	May 2016 Mean <sup>(3)</sup>
<b>Butterfly</b>	<b>No. of species recorded:</b>		<b>3</b>	
Common Jay	<i>Graphium doson axion</i>	-	1	1.0
Common Mormon	<i>Papilio polytes</i>	-	1	0.5
Rustic	<i>Cupha erymanthis</i>	-	1	1.0

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.