

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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾	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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾	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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾	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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾	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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Max ⁽³⁾	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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Max ⁽³⁾	Records Outside Surveys
Mammal	No. of species recorded:			1	
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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾
Odonata	No. of species recorded:			4
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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾
Butterfly	No. of species recorded:			2
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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾
Odonata	No. of species recorded:			15
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
Organge-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 ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾
Variagated Flutterer	<i>Rhyothemis variegata arria</i>	-	1	16.0
Species Name	Scientific Name	Conservation Status ⁽¹⁾	May 2016 Occurrence ⁽²⁾	May 2016 Mean ⁽³⁾
Butterfly	No. of species recorded:		3	
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.