

Appendix C. Summary of Herpetofauna Monitoring, Mammals and Insect Surveys

Table C1: Summary of herpetofauna monitoring within the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status(1)						Mean(2)
			May	Jun	Jul	Aug	Sep	Oct
Amphibians								
Gunther's Frog	<i>Hylarana guentheri</i>	-	1.0	2.5	2.0	1.0		
No. of Species Recorded			1	1	1	1	0	0
Reptiles								
Chinese Skink	<i>Plestiodon chinensis chinensis</i>	-					V	
Red-necked Keelback	<i>Rhabdophis subminiatus helleri</i>	-				0.5		
No. of Species Recorded			0	0	0	1	1	0

(1) Conservation status follows that of Fellows that of Fellowes et al. (2002), Chan et al. (2005) and Karsen et al. (1998).

(2) Refers to the mean number of individuals recorded in the reporting period (excluding the WRA)

V Indicates the species is recorded outside regular surveys.

Table C2: Summary of herpetofauna monitoring in the WRA

Common Name	Scientific Name	Conservation Status						Mean
			May	Jun	Jul	Aug	Sep	Oct
Amphibians								
Gunther's Frog	<i>Hylarana guentheri</i>	-	1.0	0.5		1.0		
Paddy Frog	<i>Fejervarya limnocharis</i>	-				0.5		
No. of Species Recorded			1	1	0	2	0	0
Reptiles								
			May	Jun	Jul	Aug	Sep	Oct
Checked Keelback	<i>Xenochrophis flavipunctatus</i>	-						V
No. of Species Recorded			0	0	0	0	0	1

- (1) Conservation status follows that of Fellows that of Fellowes et al. (2002), Chan et al. (2005) and Karsen et al. (1998).
- (2) Refers to the mean number of individuals recorded in the reporting period at WRA.
- V Indicates the species is recorded outside regular surveys.

Table C3: Summary of mammal monitoring in the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status (1)						Max (2)
			May	Jun	Jul	Aug	Sep	Oct
Mammal								
(No mammal was record during the survey period)								

- (1) Conservation status follows that of Fellows et al. (2002) and Shek (2006).
- (2) Refers to the maximum number of individuals recorded in each month in the survey area (excluding WRA).
- V Indicates the species is recorded outside regular surveys.

Table C4: Summary of mammal monitoring in the WRA

Common Name	Scientific Name	Conservation Status (1)						Max (2)
Mammal			May	Jun	Jul	Aug	Sep	Oct
Bat	<i>indet. sp. 1</i>	-		V	V			V
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	-	V					
#Leopard Cat	<i>Prionailurus bengalensis</i>	-			V			
Small Asian Mongoose	<i>Herpestes javanicus</i>	-		V				
No. of Species Recorded			1	2	2	0	0	1

- (1) Conservation status follows that of Fellows et al. (2002) and Shek (2006).
- (2) Refers to the maximum number of individuals recorded in each month at WRA.
- V Indicates the species is recorded outside regular surveys.
- (3) #Leopard Cat is listed on CITES Appendix II and vulnerable (VU) in China Red Data Book and it is protected under the Wild Animals Protection Ordinance (Cap. 170)

Table C5: Summary of dragonfly and butterfly monitoring in the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status(1)						Mean(2)
Odonate			May	Jun	Jul	Aug	Sep	Oct
Asian Amberwing	<i>Brachythemis contaminata</i>	-		0.5				
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-		1.0				
Common Bluetail	<i>Ischnura senegalensis</i>	-		0.5				
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	0.5	2.5	1.0			

Common Name	Scientific Name	Conservation Status(1)						Mean(2)
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	-		0.5				
Golden Flangetail	<i>Sinictinogomphus clavatus</i>	-		1.0				
Green Skimmer	<i>Orthetrum sabina</i>	-	0.5	6.0	1.0	0.3		
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0.5	0.5				
Saddlebag Glider	<i>Tramea virginia</i>	-		1.0				
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	2.0	28.0				
Wandering Glider	<i>Pantala flavescens</i>	-		2.0				
No. of Species Recorded			4	11	2	1	0	0
Butterfly			May	Jun	Jul	Aug	Sep	Oct
Common Mormon	<i>Papilio polytes</i>	-		1.5				
Common Sailer	<i>Neptis hylas hylas</i>	-		0.5				
Dark-brand Bush Brown	<i>Mycalesis mineus</i>	-	0.5					
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	0.3	1.5				
No. of Species Recorded			2	3	0	0	0	0

- (1) Conservation status follows that of Fellows et al. (2002) and Shek (2006), Lo & Hui (2004), Wilson (2004) and Young & Yiu (2002).
- (2) Refers to the mean number of individuals recorded in each month in the survey area (excluding the WRA)

Table C6: Summary of dragonfly and butterfly monitoring in the WRA

Common Name	Scientific Name	Conservation Status(1)						Mean (2)
Odonate			May	Jun	Jul	Aug	Sep	Oct
Asian Amberwing	<i>Brachythemis contaminata</i>	-	1.0		0.5	1.3	5.0	1.0
Asian Pintail	<i>Acisoma panorpoides</i>	-	1.0					
Black-kneed Featherlegs	<i>Pseudocoperia ciliata</i>	-						4.0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	1.0	1.0	1.0		1.0	2.0
Blue Percher	<i>Diplacodes trivialis</i>	-					1.0	
Common Bluetail	<i>Ischnura senegalensis</i>	-	1.0	0.5	1.0	3.3	2.0	
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	5.5	1.0	3.5	3.0		4.0
Eastern Lilysquatter	<i>Paracercion melanotum</i>	-	6.0					
Green Skimmer	<i>Orthetrum sabina</i>	-	5.0		1.5	0.3		1.0
Lesser Emperor	<i>Anax parthenope julius</i>	-		0.5		0.3		
Marsh Skimmer	<i>Orthetrum luzonicum</i>	-	0.5					
Orange-tailed Midget	<i>Agriocnemis femina oryzae</i>	-	3.0					
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	2.0				2.0	4.0
Pied Percher	<i>Neurothemis tullia tullia</i>	-	0.5			0.3		

Common Name	Scientific Name	Conservation Status(1)						Mean (2)
Pied Skimmer	<i>Pseudothemis zonata</i>	-	6.5	1.0	1.0			
Ruby Darter	<i>Rhodothemis rufa</i>	-	1.0					
Saddlebag Glider	<i>Tramea virginia</i>	-	2.5	0.5		0.7		1.0
Variigated Flutterer	<i>Rhyothemis variegata arria</i>	-	16.0	37.0	10.0	6.3		2.0
Wandering Glider	<i>Pantala flavescens</i>	-		3.0			1.0	2.0
No. of Species Recorded			15	8	7	8	6	9
Butterfly			May	Jun	Jul	Aug	Sep	Oct
Blue Spotted Crow	<i>Euploea midamus</i>	-			0.5			
Ceylon Blue Glassy Tiger	<i>Ideopsis similis</i>	-		0.5				
Chocolate Royal	<i>Remelana jangala mudra</i>	-			0.5			
Common Jay	<i>Graphium doson axion</i>	-	1.0					
Common Mormon	<i>Papilio polytes</i>	-	0.5	0.5				
Common Sailer	<i>Neptis hylas hylas</i>	-			0.5		1.0	
Dark-brand Bush Brown	<i>Mycalesis mineus</i>	-			0.5			
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-						2.0
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	-			0.5	0.7		

Common Name	Scientific Name	Conservation Status(1)	Mean (2)					
Green Flash	<i>Artipe eryx</i>	-	0.5					
Indian Fritillary	<i>Argyreus hyperbius hyperbius</i>	-		0.5			1.0	
Lemon Emigrant	<i>Catopsilia pomona</i>	-			1.0			
Paris Peacock	<i>Papilio paris</i>	-	0.5					
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-			0.5			
Rustic	<i>Cupha erymanthis</i>	-	1.0					
No. of Species Recorded			3	4	8	1	2	1

(1) Conservation status follows that of Fellowes et al. (2002), Lo & Hui (2004), Wilson (2004) and Young & Yiu (2002).

(2) Refers to the mean number of individuals recorded in each month in the survey area at WRA