

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>	-		2.0	1.0			3.0
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	-			1.0			
No. of Species Recorded			0	1	2	0	1	0
Reptiles								
(No reptile was recorded during the survey period)								
No. of Species Recorded			0	0	0	0	0	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(2)					
			May	Jun	Jul	Aug	Sep	Oct
Amphibians								
Gunther's Frog	<i>Hylarana guentheri</i>	-		2.0	1.0			
No. of Species Recorded			0	1	1	0	0	0
Reptiles								
Checkered Keelback	<i>Xenochrophis flavipunctatus</i>	-				0.5		
No. of Species Recorded			0	0	0	1	0	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 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
Bat	<i>indet. sp. 2</i>	-						V
Leopard Cat	<i>Prionailurus bengalensis</i>	-	V	V	V			V
Small Indian Civet	<i>Viverricula indica</i>	-			V			
No. of Species Recorded			1	2	3	0	0	3

- (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)						
			May	Jun	Jul	Aug	Sep	Oct	
Odonate									
Asian Amberwing	<i>Brachythemis contaminata</i>	-				0.5			
Common Bluetail	<i>Ischnura senegalensis</i>	-					2.0		
Common Flangetail	<i>Ictinogomphus pertinax</i>	-			0.5	2.0	5.0	3.0	
Green Skimmer	<i>Orthetrum sabina sabina</i>	-			0.5	1.5	1.0		
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0.7						
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	1.3	10.7	3.5	12.5			
Wandering Glider	<i>Pantala flavescens</i>	-			3.5	69.5			
No. of Species Recorded			2	1	4	5	3	1	
Butterfly									
Common Sailer	<i>Neptis hylas hylas</i>	-						3.0	
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-				0.5	3.0	4.0	
Indian Cabbage White	<i>Pieris canidia canidia</i>	-						3.0	
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-				1.0			
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-		6.0					
No. of Species Recorded			0	1	0	2	1	3	

- (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	
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	2.0	0.5	0.5	0.5			
Common Bluetail	<i>Ischnura senegalensis</i>	-	0.7		4.0	0.5	6.0	6.0	
Common Flangetail	<i>Ictinogomphus pertinax</i>	-		2.0	3.0	2.0	8.0	3.0	
Crimson Dropwing	<i>Trithemis aurora</i>	-		0.5					
Eastern Lilysquatter	<i>Paracercion melanotum</i>	-		0.5					
Green Skimmer	<i>Orthetrum sabina</i>	-	1.7	0.5	2.5	1.0	4.0		
Pied Percher	<i>Neurothemis tullia tullia</i>	-			2.5	2.0			
Saddlebag Glider	<i>Tramea virginia</i>	-	0.3	2.0	1.5	3.0			
Lesser Emperor	<i>Anax parthenope julius</i>	-				0.5			
Sapphire Flutterer	<i>Rhyothemis triangularis</i>	-		1.5					
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	6.7	43.0	6.5	1.5			
Wandering Glider	<i>Pantala flavescens</i>	-	1.0	0.5		19.0	2.0		
No. of Species Recorded			6	9	7	9	4	2	
Butterfly			May	Jun	Jul	Aug	Sep	Oct	
Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	-			0.5				
Chestnut Angle	<i>Odontoptilum angulatum angulatum</i>	-		0.5					
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	-	0.3						

Common Name	Scientific Name	Conservation Status(1)	Mean (2)					
Common Mapwing	<i>Cyrestis thyodamas chinensis</i>	-	0.3					
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-		4.0				
Common Indian Crow	<i>Euploea core amymone</i>	-			1.0			
Common Palmfly	<i>Elymnias hypermnestra hainana</i>	-			0.5			
Common Sailer	<i>Neptis hylas hylas</i>	-		0.5	1.0			4.0
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-		0.5	1.0	1.5	9.0	12.0
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	0.7	1.0				3.0
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-					3.0	
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-			1.0			
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	-	0.3					
Rustic	<i>Cupha erymanthis erymanthis</i>	-		0.5				
No. of Species Recorded			4	6	6	1	2	3

(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