

Appendix C. Summary of Herpetofauna Monitoring, Mammals and Insects 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								
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	-		V				
Gunther's Frog	<i>Hylarana guentheri</i>	-	1.0		1.0	2.0		
		No. of Species Recorded	1	1	1	1	0	0
Reptiles								
No reptile was recorded during the survey period	-	-	-	-	-	-	-	0
		No. of Species Recorded	0	0	0	0	0	0

- (1) Conservation status follows 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.

Proposed Comprehensive Development at Wo Shang Wai Yuen Long

Biannual EM&A Report on Ecology for May 2014 - Oct 2014 (Rev A)



Table C2. Summary of herpetofauna monitoring in the WRA

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			May	Jun	Jul	Aug	Sep	Oct
Amphibians								
Asian Common Toad	<i>Bufo melanostictus</i>	-	V					
Brown Tree Frog	<i>Polypedates megacephalus</i>	-		1.0				
Gunther's Frog	<i>Hylarana guentheri</i>	-					V	
		No. of Species Recorded	1	1	0	0	1	0
Reptiles								
Changeable Lizard	<i>Calotes versicolor</i>	-	V					
Chinese Skink	<i>Plestiodon chinensis chinensis</i>	-	V					
		No. of Species Recorded	2	0	0	0	0	0

(1) Conservation status follows 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 C3. Summary of mammal monitoring in the Survey Area (excluding the WRA)

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			May	Jun	Jul	Aug	Sep	Oct
No mammal was recorded during the survey period	-	-	0	0	0	0	0	0
		No. of Species Recorded	0	0	0	0	0	0

(1) Conservation status follows that of Fellowes et al. (2002) and Shek (2006).

(2) Refers to the maximum number of individuals recorded in each month in the survey area (excluding WRA).

Proposed Comprehensive Development at Wo Shang Wai Yuen Long

Biannual EM&A Report on Ecology for May 2014 - Oct 2014 (Rev A)



Table C4. Summary of mammal monitoring in the WRA

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			May	Jun	Jul	Aug	Sep	Oct
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	LC		V	V		V	V
No. of Species Recorded			0	1	1	0	1	1

(1) Conservation status follows that of Fellowes 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 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>	-				2.5		
Common Bluetail	<i>Ischnura senegalensis</i>	-	13.3					
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	0.3	2.0	3.0	1.5	1.0	
Evening Skimmer	<i>Tholymis tillarga</i>	-				0.5		
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	3.0	0.5	4.0	6.0	2.0	
Indigo Dropwing	<i>Trithemis festiva</i>	-	0.3					
Saddlebag Glider	<i>Tramea virginia</i>	-	2.0		2.0		3.0	
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	10.0	6.0	5.3	2.0	2.0	
Wandering Glider	<i>Pantala flavescens</i>	-	1.0		0.3	33.0	3.0	
No. of Species Recorded			7	3	5	6	5	0
Butterfly								
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	0.3	0.5	1.0			
Common Mormon	<i>Papilio polytes polytes</i>	-	0.7				3.0	
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-					1.0	

Proposed Comprehensive Development at Wo Shang Wai Yuen Long

Biannual EM&A Report on Ecology for May 2014 - Oct 2014 (Rev A)



Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾				
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	3.7	1.5			
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i>	-		0.5			
Pale Grass Blue	<i>Pseudaonotaria maha serica</i>	-	6.3	0.5			
No. of Species Recorded			4	4	1	0	2

(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 (excluding the WRA)

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

Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
			May	Jun	Jul	Aug	Sep	Oct
Asian Amberwing	<i>Brachythemis contaminata</i>	-	2.0	1.7			1.0	1.0
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	-	2.0	2.3	1.3	0.5		
Blue Sprite	<i>Pseudagrion microcephalum</i>	-	0.3					
Common Bluetail	<i>Ischnura senegalensis</i>	-	46.3	21.0	0.7			
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	2.0	2.3	5.3	2.5	10.0	
Crimson Darter	<i>Crocothemis servilia servilia</i>	-			1.0	0.5	1.0	
Green Skimmer	<i>Orthetrum sabina sabina</i>	-	3.7	5.0	6.0	12.0	8.0	2.0
Indigo Dropwing	<i>Trithemis festiva</i>	-					1.0	
Lesser Emperor	<i>Anax parthenope julius</i>	-				0.5	1.0	
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	-	3.0	1.0				
Pied Percher	<i>Neurothemis tullia tullia</i>	-	2.3	0.7	1.0		2.0	
Pied Skimmer	<i>Pseudothemis zonata</i>	-	0.7	2.3		1.0	3.0	
Russet Percher	<i>Neurothemis fulvia</i>	-				0.5		
Saddlebag Glider	<i>Tramea virginia</i>	-	3.3	0.7	4.0	4.0	1.0	2.0
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	-	17.7	20.3	8.0	11.5	9.0	5.0
Wandering Glider	<i>Pantala flavescens</i>	-	4.3	2.3	0.3	13.0		14.0
No. of Species Recorded			12	11	9	10	10	5
Butterfly			May	Jun	Jul	Aug	Sep	Oct
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	-	1.7	5.7	3.3	0.5	1.0	1.0
Common Mapwing	<i>Cyrestis thyodamas chinensis</i>	-	0.3					
Common Mormon	<i>Papilio polytes polytes</i>	-			0.7			1.0
Common Palmfly	<i>Elymnias hypermnestra hainana</i>	-			0.3			
Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	-				0.5		

Proposed Comprehensive Development at Wo Shang Wai Yuen Long

Biannual EM&A Report on Ecology for May 2014 - Oct 2014 (Rev A)



Common Name	Scientific Name	Conservation Status ⁽¹⁾	Mean ⁽²⁾					
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	-			0.3			
Indian Cabbage White	<i>Pieris canidia canidia</i>	-	1.7	0.7				
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	-	0.3	0.7	0.3			
Long-tailed Blue	<i>Lampides boeticus</i>	-	0.3					
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i>	-		1.0	0.3		1.0	
Pale Grass Blue	<i>Pseudozizeeria maha serica</i>	-	1.0	1.3				
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	-			0.7			
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	-			0.3			
	No. of Species Recorded		6	5	8	2	2	2

(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 (excluding the WRA)