

Appendix 9.4

Mammal Species Recorded During Field Survey

Maximum count of mammal species recorded in Western Side (Sandy Ridge) of Assessment Area during field surveys and captured by auto-triggered camera for this Study

Species	Conservation Status (Fellowes <i>et al.</i> 2002 & China Red Data Book 1998) ^[1]	Hong Kong Status (AFCD Biodiversity Database 2014) ^[2]	Project Site Boundary		Assessment Area					
			UG	WL	WL	WW	UG	GR	DA	
Short-nosed Fruit Bat <i>Cynopterus sphinx</i>	-	VC								8
Himalayan Leaf- nosed Bat <i>Hipposideros armiger</i>	(LC)	VC		2						
Japanese Pipistrelle <i>Pipistrellus abramus</i>	-	VC	10+	10		2			10+	10+
Chestnut Spiny Rat <i>Niviventer fulvescens</i>	-	VC				1				
Rat sp.	-	-	1 [#]							
East Asian Porcupine <i>Hystrix brachyura</i>	PGC	VC				1 [#]	1 [^]			
Small Indian Civet <i>Viverricula indica</i>	-	VC	1 [#]			1 [#]		1 [^]		
Small Asian Mongoose <i>Herpestes javanicus</i>	-	UC	1 [#]							
Domestic Dog <i>Canis lupus familiaris</i>	-	C	2 [#]							
Leopard Cat <i>Prionailurus bengale nsis</i>	VU	UC	1 [^]			1 [#]	1 [^]			
Eurasian Wild Pig <i>Sus scrofa</i>	-	VC	1 [#]			11 ^{#3}		1 [^]		
Red Muntjac <i>Muntiacus muntjak</i>	PRC	VC	1 [#]		1 [#]	1 [#]				
Domestic Ox <i>Bos taurus</i>	-	C						1		
Total number of mammal species recorded			8	2	1	7	2	4	2	

Note:

[1] Conservation status by Fellowes *et al.* (2002): LC=Local Concern, PGC=Potential Global Concern, PRC=Potential Regional Concern. Parentheses indicate breeding or roosting population. Conservation Status by China Red Data Book (Wang 1998): VU=Vulnerable.

[2] Hong Kong Status by AFCD Biodiversity Database 2014: UC=Uncommon, C=Common, VC=Very Common.

[3] 2 adults and 9 juveniles of Eurasian Wild Pig were captured in a single photo.

Key:

Habitat Type: UG, Upland Grassland; GR=Grassland, WW=Wet Woodland, WL= Woodland, DA=Developed Area.

^ Scats or traces of the species were found.

Species was captured by auto-triggered camera; maximum count of this species represents the maximum number of individuals captured in one single photo.

Number of dates for mammal species captured by auto-triggered camera

Species	Conservation Status (Fellowes <i>et al.</i> 2002 & China Red Data Book, 1998) ^[1]	Hong Kong Status (AFCD Biodiversity Database 2014) ^[2]	26 th Jan – 1 st Feb	2 nd Feb – 8 th Feb		9 th Feb – 15 th Feb		16 th Feb – 22 nd Feb				23 rd Feb – 1 st Mar	
			Camera ³	Camera ³		Camera ³		Camera ³				Camera ³	
			1	1	2	2	3	1	2	3	4	1	2
Rat sp.	-	-											
East Asian Porcupine <i>Hystrix brachyura</i>	PGC	VC											1
Small Indian Civet <i>Viverricula indica</i>	-	VC	1	1				3				1	2
Small Asian Mongoose <i>Herpestes javanicus</i>	-	UC											
Domestic Dog <i>Canis lupus familiaris</i>	-	C											
Leopard Cat <i>Prionailurus bengalensis</i>	VU	UC			1								
Eurasian Wild Pig <i>Sus scrofa</i>	-	VC			2	3	2		2	2	1		
Red Muntjac <i>Muntiacus muntjak</i>	PRC	VC											

Species	Conservation Status (Fellowes <i>et al.</i> 2002 & China Red Data Book, 1998) ^[1]	Hong Kong Status (AFCD Biodiversity Database 2014) ^[2]	2 nd Mar – 8 th Mar				9 th Mar – 15 th Mar			16 th Mar – 22 nd Mar			23 rd Mar – 29 th Mar	
			Camera ³				Camera ³			Camera ³			Camera ³	
			1	2	3	4	1	2	3	1	3	4	1	4
Rat sp.	-	-					1							
East Asian Porcupine <i>Hystrix brachyura</i>	PGC	VC												
Small Indian Civet <i>Viverricula indica</i>	-	VC	3	1		1	1			1	3	5	2	
Small Asian Mongoose <i>Herpestes javanicus</i>	-	UC										1		
Domestic Dog <i>Canis lupus</i>	-	C							1			1		

Species	Conservation Status (Fellowes <i>et al.</i> 2002 & China Red Data Book, 1998) ^[1]	Hong Kong Status (AFCD Biodiversity Database 2014) ^[2]	2 nd Mar – 8 th Mar				9 th Mar – 15 th Mar			16 th Mar – 22 nd Mar			23 rd Mar – 29 th Mar	
			Camera ³				Camera ³			Camera ³			Camera ³	
			1	2	3	4	1	2	3	1	3	4	1	4
<i>familiaris</i>														
Leopard Cat <i>Prionailurus bengalensis</i>	VU	UC												
Eurasian Wild Pig <i>Sus scrofa</i>	-	VC	1	2	1	2		1	1					
Red Muntjac <i>Muntiacus muntjak</i>	PRC	VC		1										

Species	Conservation Status (Fellowes <i>et al.</i> 2002 & China Red Data Book, 1998) ^[1]	Hong Kong Status (AFCD Biodiversity Database 2014) ^[2]	30 th Mar – 5 th Apr			6 th Apr – 12 th Apr				13 th Apr – 19 th Apr	20 th Apr – 26 th Apr	27 th Apr – 30 th Apr
			Camera ³			Camera ³				Camera ³	Camera ³	Camera ³
			1	3	4	1	2	3	4	2	3	3
Rat sp.	-	-										
East Asian Porcupine <i>Hystrix brachyura</i>	PGC	VC		1					1			1
Small Indian Civet <i>Viverricula indica</i>	-	VC				1						
Small Asian Mongoose <i>Herpestes javanicus</i>	-	UC										
Domestic Dog <i>Canis lupus familiaris</i>	-	C										
Leopard Cat <i>Prionailurus bengalensis</i>	VU	UC										
Eurasian Wild Pig <i>Sus scrofa</i>	-	VC		2	1		2	1		1	1	
Red Muntjac <i>Muntiacus muntjak</i>	PRC	VC	1		1							

Note:

[1] Conservation status by Fellowes *et al.* (2002): PGC=Potential Global Concern, PRC=Potential Regional Concern. Conservation status by China Red Data Book (Wang 1998): VU= Vulnerable.

[2] Hong Kong Status by AFCD Biodiversity Database 2014: UC=Uncommon, C=Common, VC=Very Common.

[3] Only cameras with mammal species captured are shown in the table.

Maximum count of mammal species recorded in Eastern side of Assessment Area (LMHR) during field surveys

Species	Conservation Status ^[1]	Hong Kong Status (AFCD Biodiversity Database 2014) ^[2]	Project Site Boundary		Assessment Area
			AG	PL	UG*
Japanese Pipistrelle <i>Pipistrellus abramus</i>	-	VC	2	1	
Small Indian Civet <i>Viverricula indica</i>	-	VC			1^
Total number of mammal species recorded			1	1	1

Notes:

[1] Conservation status by Fellowes et al. (2002). Conservation Status by China Red Data Book (Wang 1998).

[2] Hong Kong Status by AFCD Biodiversity Database 2014: UC=Uncommon, C=Common, VC=Very Common.

Key:

* include both upland grassland and lowland grassland

Habitat Type: UG=Upland Grassland, AG=Agricultural Land, PL=Plantation.

^ Scats or traces of the species were found.