

## Appendix 9.5e Fauna recorded in Shan Tong, Man Uk Pin and Loi Tung Area

### Mammals

Common Name	Scientific Name	Status	Listing	Level of Concern	Agricultural Land	Drainage Channel	Freshwater Wetland	Shrubland	Woodland (Conservation Area)
Unidentified bat species	-	-	Cap. 170		2	1			
Leopard Cat	<i>Prionailurus bengalensis</i>	Uncommon	Cap.170, Cap.586, CITES, CRDB (V)						Scat
Musk Shrew	<i>Suncus murinus</i>	Common						1	
Eurasian Wild Pig	<i>Sus scrofa</i>	Very Common					Footprint		

#### Note:

- All bats found in Hong Kong are protected under the Wild Animals Protection Ordinance (Cap.170)
- Status: Shek et al. 2007.
- Level of Concern – LC = Local Concern, RC = Regional Concern, PRC = Potential Regional Concern, PGC = Potential Global Concern, GC = Global Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes et al. 2002)
- CITES – Convention on International Trade in Endangered Species of Wild Fauna and Flora
- CRDB – China Red Data Book: E = Endangered, V = Vulnerable, R = Rare, I = Indeterminate (Wang 1998)

### Avifauna

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	FW	OF	PL	PD	SL	R	WL	WL (CA)
Little Egret	<i>Egretta garzetta</i>	Common winter visitor and resident	PRC(RC)		1			1								
Chinese Pond Heron	<i>Ardeola bacchus</i>	Common winter visitor and resident	PRC(RC)		1	1						2				
Crested Serpent Eagle	<i>Spilornis cheela</i>	Uncommon resident	(LC)	V											1	1
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Common resident				1		4	2							
Green Sandpiper	<i>Tringa ochropus</i>	Common winter visitor						1								
Common Sandpiper	<i>Actitis hypoleucos</i>	Common winter visitor						1								

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	FW	OF	PL	PD	SL	R	WL	WL (CA)	
Rock Dove	<i>Columba livia</i>	Common resident														1	
Spotted Dove	<i>Streptopelia chinensis</i>	Common resident			1		7									11	2
Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	Uncommon summer visitor											1			1	1
Large Hawk Cuckoo	<i>Hierococcyx sparveroides</i>	Common summer visitor														1	1
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	Uncommon summer visitor											2				
Common Koel	<i>Eudynamys scolopacea</i>	Common resident					2									1	
Greater Coucal	<i>Centropus sinensis</i>	Common resident		V	1								2				1
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	Uncommon resident											1			2	
Little Swift	<i>Apus affinis</i>	Common migrant and summer visitor											1			4	
Common Kingfisher	<i>Alcedo atthis</i>	Common resident						2									
Barn Swallow	<i>Hirundo rustica</i>	Common migrant and summer visitor			2		3		3							1	2
Grey Wagtail	<i>Motacilla cinerea</i>	Common winter visitor						3									
White Wagtail	<i>Motacilla alba</i>	Common winter visitor			1		1	3	1			2					
Olive-backed Pipit	<i>Anthus hodgsoni</i>	Common winter visitor				2					2						
Scarlet Minivet	<i>Pericrocotus flammeus</i>	Uncommon winter visitor and resident															2
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Common resident			4	9		8			6		3			35	21

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	FW	OF	PL	PD	SL	R	WL	WL (CA)
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Common resident			2	3							3		2	10
Chestnut Bulbul	<i>Hypsipetes castanonotus</i>	Uncommon resident and winter visitor											2		11	4
Long-tailed Shrike	<i>Lanius schach</i>	Common resident			1		2	3								
Oriental Magpie Robin	<i>Copsychus saularis</i>	Common resident				1	2	2		1	1		1			
Common Stonechat	<i>Saxicola torquata</i>	Common winter visitor											1			
Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Common resident											2			
Common Blackbird	<i>Turdus merula</i>	Common winter visitor											1			
Grey-backed Thrush	<i>Turdus hortulorum</i>	Common winter visitor														1
Streak-breasted Scimitar Babbler	<i>Pomatorhinus ruficollis</i>	Uncommon resident														1
Rufous-capped Babbler	<i>Stachyris ruficeps</i>	Uncommon resident	LC												1	
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	Common resident						4			1		8			
Greater Necklaced Laughingthrush	<i>Garrulax pectoralis</i>	Common resident													1	4
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	Common resident			2				4				2	1	2	
Common Tailorbird	<i>Orthotomus sutorius</i>	Common resident									1		5			3
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	Common winter visitor											1			
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	Common winter visitor							1				2	1		
Hainan Blue Flycatcher	<i>Cyornis hainanus</i>	Uncommon summer visitor											1			

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	FW	OF	PL	PD	SL	R	WL	WL (CA)
Great Tit	<i>Parus major</i>	Common resident											6		1	1
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	Common resident											2		5	6
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	Common resident						2					2		1	1
Japanese White-eye	<i>Zosterops japonicus</i>	Common resident			2			10			5		16		4	11
Scaly-breasted Munia	<i>Lonchura punctulata</i>	Common resident				1				5						
Eurasian Tree Sparrow	<i>Passer montanus</i>	Common resident					7									
Black-collared Starling	<i>Sturnus nigricollis</i>	Common resident					2				1					
Crested Myna	<i>Acridotheres cristatellus</i>	Common resident				3	2	2		1						
Black Drongo	<i>Dicrurus macrocercus</i>	Common resident													1	
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	Uncommon resident													2	
Grey Treepie	<i>Dendrocitta formosae</i>	Uncommon resident	LC												1	3
Common Magpie	<i>Pica pica</i>	Common resident									1					
Large-billed Crow	<i>Corvus macrorhynchos</i>	Common resident			1										1	1
<b>Total no. of species recorded:</b>					<b>12</b>	<b>8</b>	<b>9</b>	<b>14</b>	<b>6</b>	<b>2</b>	<b>8</b>	<b>2</b>	<b>22</b>	<b>2</b>	<b>23</b>	<b>20</b>
<b>Total no. of individuals recorded:</b>					<b>19</b>	<b>21</b>	<b>28</b>	<b>46</b>	<b>16</b>	<b>2</b>	<b>18</b>	<b>4</b>	<b>65</b>	<b>2</b>	<b>91</b>	<b>77</b>

- Note:
- Level of Concern – LC = Local Concern, RC = Regional Concern, PRC = Potential Regional Concern, PGC = Potential Global Concern, GC = Global Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellows et al. 2002)
  - CRDB – China Red Data Book: E = Endangered, V = Vulnerable, R = Rare, I = Indeterminate (Zheng & Wang 1998)
  - Habitat: AAL = Abandoned Agricultural Land; AL = Agricultural Land; DA = Developed Area; DC = Drainage Channel; FW = Freshwater Wetland; OF = Open Field; PL = Plantation; PD = Pond; SL = Shrubland; R = Watercourse; WL = Woodland; WL (CA) = Woodland (Conservation Area)

## Herpetofauna

Common Name	Scientific Name	Commonness	Level of Concern	Listing	AAL	AL	DA	DC	FW	PL	SL	R	WL (CA)
Asian Common Toad	<i>Bufo melanostictus</i>	Abundant and widespread						4					1
Chinese Skink	<i>Eumeces chinensis chinensis</i>	Common and occurs throughout Hong Kong						2					
Paddy Frog	<i>Fejervarya limnocharis</i>	Very common and widespread throughout the New Territories				1			2	1			
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	Widespread and very common in the New Territories				3					5		
Long-tailed Skink	<i>Mabuya longicaudata</i>	Common and occurs throughout Hong Kong										1	
White-spotted Slug Snake	<i>Pareas margaritophorus</i>	Fairly Common						1					
Gunther's Frog	<i>Rana guentheri</i>	Very common and widespread			1	4		6	5			12	
Indian Forest Skink	<i>Sphenomorphus indicus</i>	Common and occurs in woodlands in the eastern and central New Territories	LC										2
<b>Total no. of species recorded:</b>					<b>1</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>
<b>Total no. of individuals recorded:</b>					<b>1</b>	<b>8</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>1</b>	<b>5</b>	<b>13</b>	<b>3</b>

Note:

- Commonness: Chan et al. (2005, 2006, 2009), Karsen et al. (1998).
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- Habitat: AAL = Abandoned Agricultural Land; AL = Agricultural Land; DC = Drainage Channel; FW = Freshwater Wetland; PL = Plantation; SL = Shrubland; R = Watercourse; WL = Woodland

## Butterfly

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL	WL (CA)
Common Mime	<i>Chilasa clytia clytia</i>	C						2							
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	VC													2
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	VC						1							
Chinese Peacock	<i>Papilio bianor bianor</i>	C										1			

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL	WL (CA)
Lime Butterfly	<i>Papilio demoleus demoleus</i>	C						1							
Red Helen	<i>Papilio helenus helenus</i>	VC													1
Great Mormon	<i>Papilio memnon agenor</i>	VC		1								4			3
Paris Peacock	<i>Papilio paris paris</i>	VC					1	4				8	1		2
Common Mormon	<i>Papilio polytes polytes</i>	VC					2	1			1	4	1		6 1
Spangle	<i>Papilio protenor protenor</i>	VC													7
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	C									1				1
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i>	C									3				
Painted Jezebel	<i>Delias hyparete hierte</i>	UC						1							
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	VC						1							
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	VC		2		2	1	3							4
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	C													1
Yellow Orange Tip	<i>Ixias pyrene pyrene</i>	UC										1			
Indian Cabbage White	<i>Pieris canidia canidia</i>	VC		5	10	2	4	5		1	3	30	7		
Plain Tiger	<i>Danaus chrysippus chrysippus</i>	UC				2									
Common Tiger	<i>Danaus genutia genutia</i>	VC						1							1
Blue-spotted Crow	<i>Euploea midamus midamus</i>	VC									1				
Large Faun	<i>Faunis eumeus eumeus</i>	C													1
Common Palmfly	<i>Elymnias hypermnestra hainana</i>	C		1				1							
Banded Tree Brown	<i>Lethe confusa confusa</i>	VC						9							2
Dark Evening Brown	<i>Melanitis phedima muskata</i>	C						1							1
Dark-brand Bush Brown	<i>Mycalesis mineus mineus</i>	VC						8			1	1			4 2
Common Five-ring	<i>Ypthima baldus baldus</i>	VC		1				33				1			1 2
Angled Castor	<i>Ariadne ariadne alterna</i>	C		1						1					1
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	C													2
Common Mapwing	<i>Cyrestis thyodamas chinensis</i>	C		1						1		1	1		
White-edged Blue Baron	<i>Euthalia phemius seitzii</i>	C						1							

Common Name	Scientific Name	Commonness	Level of Concern	Habitat												WL (CA)
				AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL		
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	C					1	1					1			
Peacock Pansy	<i>Junonia almana almana</i>	C						1								
Great Egg-fly	<i>Hypolimnna bolina kezia</i>	VC				1								2		
Chocolate Pansy	<i>Junonia iphita iphita</i>	UC						1								
Common Sailer	<i>Neptis hylas hylas</i>	VC		2			1	4		1			1		2	
White Commodore	<i>Parasarpa dudu hainanensis</i>	UC						1								
Black Prince	<i>Rohana parisatis staurakius</i>	C						1						2		
Plum Judy	<i>Abisara echerius echerius</i>	VC		1				1					1		3	
Punchinello	<i>Zemeros flegyas flegyas</i>	C						3							1	
Purple Sapphire	<i>Heliophorus epicles phoenicoparyphus</i>	C		1				3								
Transparent Six-line Blue	<i>Nacaduba kurava euplea</i>	C						2								
Lesser Forest Blue	<i>Taraka hamada isona</i>	R	LC					2						1	1	
Pale Grass Blue	<i>Zizeeria maha serica</i>	VC		1		3		1	2		2				1	
Bush Hopper	<i>Ampittia dioscorides etura</i>	UC						1								
Conjoined Swift	<i>Pelopidas conjunctus conjunctus</i>	UC													1	
Chinese Dart	<i>Potanthus confucius confucius</i>	C													1	
Grass Demon	<i>Udaspes folus</i>	UC						1								
<b>Total no. of species recorded:</b>				<b>11</b>	<b>1</b>	<b>4</b>	<b>7</b>	<b>30</b>	<b>1</b>	<b>4</b>	<b>7</b>	<b>12</b>	<b>8</b>	<b>21</b>	<b>5</b>	
<b>Total no. of individuals recorded:</b>				<b>17</b>	<b>10</b>	<b>9</b>	<b>11</b>	<b>96</b>	<b>2</b>	<b>4</b>	<b>12</b>	<b>54</b>	<b>16</b>	<b>46</b>	<b>7</b>	

Note:

- Commonness: Yiu & Young (2002). C = Common; R = Rare; UC = Uncommon; VC = Very Common; VR = Very Rare
- Level of Concern – LC = Local Concern, RC = Regional Concern, PRC = Potential Regional Concern, PGC = Potential Global Concern, GC = Global Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes et al. 2002)
- Habitat: AAL = Abandoned Agricultural Land; AL = Agricultural Land; DA = Developed Area; DC = Drainage Channel; FW = Freshwater Wetland; HGL = Hillside Grassland; OF = Open Field; PL = Plantation; SL = Shrubland; R = Watercourse; WC = Watercourse; WL = Woodland; WL (CA) = Woodland (Conservation Area)

## Dragonfly

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	FW	OF	R	SL	WL	WL(CA)
Chinese Greenwing	<i>Neurobasis chinensis chinensis</i>	C					1			1			
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	A						4					3
Marsh Dancer	<i>Onychargia atrocyana</i>	C						1					
Orange-faced Sprite	<i>Pseudagrion rubriceps rubriceps</i>	C						1					
Black-kneed Featherlegs	<i>Copera ciliata</i>	A						1		1			
Yellow Featherlegs	<i>Copera marginipes</i>	A					15	3		4			
Black Threadtail	<i>Prodasineura autumnalis</i>	A					3	1					
Dingy Dusk-hawker	<i>Gynacantha subinterrupta</i>	U	LC							1			
Giant River Hawker	<i>Tetracanthagyna waterhousei</i>	C								1			
Common Flangetail	<i>Ictinogomphus pertinax</i>	A					1						
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	C		1				1					
Blue Percher	<i>Diplacodes trivialis</i>	A				1							
Amber-winged Glider	<i>Hydrobasileus croceus</i>	C						2					
Forest Chaser	<i>Lyriothemis elegantissima</i>	C						1					2
Russet Percher	<i>Neurothemis fulvia</i>	A						2					
Pied Percher	<i>Neurothemis tullia tullia</i>	C		1									
Marsh Skimmer	<i>Orthetrum luzonicum</i>	A		1	2			15	5				
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	A		2			3	1	1	5			
Green Skimmer	<i>Orthetrum sabina sabina</i>	C							3			1	
Wandering Glider	<i>Pantala flavescens</i>	A		20	135	2	5		1		40	30	
Pied Skimmer	<i>Pseudothemis zonata</i>	C						1					4
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	C					1						
Crimson Dropwing	<i>Trithemis aurora</i>	A				1	3						
Indigo Dropwing	<i>Trithemis festiva</i>	A								2			
Emerald Cascader	<i>Zygonyx iris insignis</i>	A	PGC							1			
<b>Total no. of species recorded:</b>				5	2	2	8	13	4	9	1	2	3
<b>Total no. of individuals recorded:</b>				25	127	4	32	34	10	16	40	31	9

Note:

- Commonness: Tam et al. (2008), Wilson et al. (2004). A = Abundant; C = Common; R = Rare; U = Uncommon



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### Freshwater Fish

Common Name	Scientific Name	Commonness	Level of Concern	Listing	River Indus	Loi Tung Stream
Small Snakehead	<i>Channa asiatica</i>	Uncommon in wild, cultivated	LC			+
Whitespotted Walking Catfish	<i>Clarias fuscus</i>	Common				+
Mosquito Fish	<i>Gambusia affinis</i>	Common			++++	++
Nile Tilapia	<i>Oreochromis niloticus</i>	Common			+	
Predaceous Chub	<i>Parazacco spilurus</i>	Common		CRDB (V)	++	
Guppy	<i>Poecilia reticulata</i>	Common			++	+
Chinese Barb	<i>Puntius semifasciolatus</i>	Common			+	+
Variable Platyfish	<i>Xiphophorus variatus</i>	Common			+	
<b>Total no. of species recorded:</b>					<b>6</b>	<b>5</b>

- Commonness: Lee et al. (2004).
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- CRDB – China Red Data Book: E = Endangered, V = Vulnerable, R = Rare, I = Indeterminate (Yue & Chen 1998)
- Relative Abundance:
  - + = 1-5 individuals
  - ++ = 6-10 individuals
  - +++ = 11-20 individuals
  - ++++ = 21-50 individuals
  - +++++ = >50 individuals