

Appendix 9.5g Fauna recorded in Wo Hop Shek and Yuen Leng Area

Mammals

Common Name	Scientific Name	Status	Listing	Level of Concern	Woodland
Leopard Cat	<i>Prionailurus bengalensis</i>	Uncommon	Cap.170, Cap.586, CITES, CRDB (V)		Scat
Eurasian Wild Pig	<i>Sus scrofa</i>	Very Common			Trace

Note:

- 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	HGL	PL	SL	R	WL
Grey Heron	<i>Ardea cinerea</i>	Common winter visitor	PRC					2					
Little Egret	<i>Egretta garzetta</i>	Common winter visitor and resident	PRC(RC)					5		1		1	
Chinese Pond Heron	<i>Ardeola bacchus</i>	Common winter visitor and resident	PRC(RC)					2		1			
Black Kite	<i>Milvus migrans</i>	Common winter visitor and resident	(RC)										1
Crested Serpent Eagle	<i>Spilornis cheela</i>	Uncommon resident	(LC)	V					1				
Besra	<i>Accipiter virgatus</i>	Uncommon resident											1
Chinese Francolin	<i>Francolinus pintadeanus</i>	Common resident							1		1		
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Common resident											1

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	HGL	PL	SL	R	WL
Green Sandpiper	<i>Tringa ochropus</i>	Common winter visitor						2					
Common Sandpiper	<i>Actitis hypoleucos</i>	Common winter visitor						1					
Spotted Dove	<i>Streptopelia chinensis</i>	Common resident				2							
Large Hawk Cuckoo	<i>Hierococcyx sparveroides</i>	Common summer visitor			1						1		
Lesser Coucal	<i>Centropus bengalensis</i>	Common resident		V	1								
Common Kingfisher	<i>Alcedo atthis</i>	Common resident						1					
Eurasian Wryneck	<i>Jynx torquilla</i>	Uncommon winter visitor						1					
Barn Swallow	<i>Hirundo rustica</i>	Common migrant and summer visitor			1								1
Grey Wagtail	<i>Motacilla cinerea</i>	Common winter visitor						2					
White Wagtail	<i>Motacilla alba</i>	Common winter visitor			1			16					
Olive-backed Pipit	<i>Anthus hodgsoni</i>	Common winter visitor				1							
Scarlet Minivet	<i>Pericrocotus flammeus</i>	Uncommon winter visitor and resident				1							1
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Common resident			2	2	1	13		3	4		11
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Common resident				7		1			1		10
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	Common resident			3								
Long-tailed Shrike	<i>Lanius schach</i>	Common resident					1						1

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	HGL	PL	SL	R	WL
Siberian Rubythroat	<i>Luscinia calliope</i>	Common winter visitor											1
Red-flanked Bluetail	<i>Tarsiger cyanurus</i>	Common winter visitor											1
Oriental Magpie Robin	<i>Copsychus saularis</i>	Common resident			2						1		
Common Stonechat	<i>Saxicola torquata</i>	Common winter visitor						1					
Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Common resident											1
Japanese Thrush	<i>Turdus cardis</i>	Uncommon winter visitor						1					
Grey-backed Thrush	<i>Turdus hortulorum</i>	Common winter visitor											1
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	Common resident											1
Hwamei	<i>Garrulax canorus</i>	Common resident											3
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	Common resident			1			1			1		1
Plain Prinia	<i>Prinia inornata</i>	Common resident						1					
Common Tailorbird	<i>Orthotomus sutorius</i>	Common resident						1			2		13
Dusky Warbler	<i>Phylloscopus fuscatus</i>	Common winter visitor				1		6					
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	Common winter visitor						1					
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	Common winter visitor						1					2
Greenish Warbler	<i>Phylloscopus trochiloides</i>	Uncommon winter visitor											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	HGL	PL	SL	R	WL
Great Tit	<i>Parus major</i>	Common resident					3				1		3
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	Common resident											5
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	Common resident											2
Japanese White-eye	<i>Zosterops japonicus</i>	Common resident					2			3	3		5
Black-headed Bunting	<i>Emberiza melanocephala</i>	Uncommon winter visitor										1	
White-rumped Munia	<i>Lonchura striata</i>	Common winter visitor						1					7
Scaly-breasted Munia	<i>Lonchura punctulata</i>	Common resident			12	3		2					
Eurasian Tree Sparrow	<i>Passer montanus</i>	Common resident				4	4	9		2			
Black-collared Starling	<i>Sturnus nigricollis</i>	Common resident					3						
Crested Myna	<i>Acridotheres cristatellus</i>	Common resident			3		1						
Common Magpie	<i>Pica pica</i>	Common resident					1						
Large-billed Crow	<i>Corvus macrorhynchos</i>	Common resident											1
Total no. of species recorded:					10	8	8	22	2	5	11	2	23
Total no. of individuals recorded:					27	21	16	71	2	10	23	2	68

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. (Fellowes 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; HGL = Hillside Grassland; PL = Plantation; SL = Shrubland; R = Watercourse; WL = Woodland

Herpetofauna

Common Name	Scientific Name	Commonness	Level of Concern	Listing	AAL	AL	DA	DC	SL	R	WL
Asian Common Toad	<i>Bufo melanostictus</i>	Abundant and widespread			60		1				14
Copperhead Racer	<i>Elaphe radiata</i>	Recorded from many areas of the territory	PRC	CRDB (E)					1		
Paddy Frog	<i>Fejervarya limnocharis</i>	Very common and widespread throughout the New Territories			7						
Chinese Gecko	<i>Gekko chinensis</i>	Very common and occurs throughout Hong Kong					1				
Chinese Bullfrog	<i>Hoplobatrachus chinensis</i>	Fairly common and widespread throughout the New Territories	PRC		2	1		1			
Spotted Narrow-mouthed Frog	<i>Kalophrynus interlineatus</i>	Common and widespread in central and northern New Territories									2
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	Widespread and very common in the New Territories			4						
Long-tailed Skink	<i>Mabuya longicaudata</i>	Common and occurs throughout Hong Kong					1				1
Brown Tree Frog	<i>Polypedates megacephalus</i>	Widespread and very common			1	3					
Gunther's Frog	<i>Rana guentheri</i>	Very common and widespread			9	11		3		1	
Indian Forest Skink	<i>Sphenomorphus indicus</i>	Common and occurs in woodlands in the eastern and central New Territories	LC								3
Red-eared Slider	<i>Trachemys scripta elegans</i>	Widely distributed						1			
Total no. of species recorded:					6	3	3	3	1	1	4
Total no. of individuals recorded:					83	15	3	5	1	1	20

Note:

- Commonness: Chan et al. (2004, 2005, 2006, 2009), Karsen et al. (1998).
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- CRDB – China Red Data Book: E = Endangered, V = Vulnerable, R = Rare, I = Indeterminate (Zhao 1998)
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Butterfly

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	PL	SL	R	WL
Common Mime	<i>Chilasa clytia clytia</i>	C				1					
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	VC									1
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	VC			1						14
Red Helen	<i>Papilio helenus helenus</i>	VC					1				
Great Mormon	<i>Papilio memnon agenor</i>	VC			1	1					
Paris Peacock	<i>Papilio paris paris</i>	VC				2					11
Common Mormon	<i>Papilio polytes polytes</i>	VC		2	3	6			1		7
Spangle	<i>Papilio protenor protenor</i>	VC									6
Five-bar Swordtail	<i>Pathysa antiphates antiphates</i>	C									3
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	C					1				8
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	VC									2
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	VC		4		3	7		9		7
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	C			3				1		2
Yellow Orange Tip	<i>Ixias pyrene pyrene</i>	UC								1	
Indian Cabbage White	<i>Pieris canidia canidia</i>	VC		5	6	4	10	1	3		
Common Tiger	<i>Danaus genutia genutia</i>	VC		1		1	3	1	1		
Common Indian Crow	<i>Euploea core amymone</i>	VC						1			
Blue-spotted Crow	<i>Euploea midamus midamus</i>	VC									4
Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	VC									1
Glassy Tiger	<i>Parantica aglea melanoides</i>	VC		1							2
Blue Tiger	<i>Tirumala limniace limniace</i>	C									1
Large Faun	<i>Faunis eumeus eumeus</i>	C									1
Banded Tree Brown	<i>Lethe confusa confusa</i>	VC									1
Dark-brand Bush Brown	<i>Mycalesis mineus mineus</i>	VC							5		
Common Five-ring	<i>Ypthima baldus baldus</i>	VC					1				11
Colour Sergeant	<i>Athyma nefte seitzii</i>	C									4
Common Sergeant	<i>Athyma perius perius</i>	C		1							

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	PL	SL	R	WL
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	C		1		1					
Rustic	<i>Cupha erymanthis erymanthis</i>	VC									5
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	C									2
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	VC		1	1	2				1	
Grey Pansy	<i>Junonia atlites atlites</i>	C		5			1				
Common Sailer	<i>Neptis hylas hylas</i>	VC		2							15
Black Prince	<i>Rohana parisatis staurakius</i>	C		1		6			2		
Plum Judy	<i>Abisara echerius echerius</i>	VC									3
Punchinello	<i>Zemeros flegyas flegyas</i>	C		1							6
Lime Blue	<i>Chilades lajus leucofasciatus</i>	VC		1							
Purple Sapphire	<i>Heliophorus epicles phoenicoparyphus</i>	C								1	
Peacock Royal	<i>Tajuria cippus malcolmi</i>	UC	LC							1	
Pale Grass Blue	<i>Zizeeria maha serica</i>	VC		6		1	4				2
Formosan Swift	<i>Borbo cinnara</i>	C									1
Tree Flitter	<i>Hyarotis adrastus praba</i>	UC									1
Contiguous Swift	<i>Polytremis lubricans lubricans</i>	C									1
Water Snow Flat	<i>Tagiades litigious litigious</i>	C									3
Total no. of species recorded:				14	6	11	8	3	10	1	28
Total no. of individuals recorded:				32	15	28	28	3	25	1	125

Note:

- Commonness: Yiu & Young (2002). C = Common; R = Rare; UC = Uncommon; VC = Very Common; VR = Very Rare
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Dragonfly

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	R	WL
Chinese Greenwing	<i>Neurobasis chinensis chinensis</i>	C						1	
Orange-tailed Midget	<i>Agricnemis femina oryzae</i>	A					3		
Eastern Lilysquatter	<i>Cercion melanotum</i>	U	LC				1		
Common Bluetail	<i>Ischnura senegalensis</i>	A		1			2		
Orange-faced Sprite	<i>Pseudagrion rubriceps rubriceps</i>	C					3		
Yellow Featherlegs	<i>Copera marginipes</i>	A				2	1	1	
Black Threadtail	<i>Prodasineura autumnalis</i>	A				1			
Lesser Emperor	<i>Anax parthenope julius</i>	C					2		
Russet Percher	<i>Neurothemis fulvia</i>	A		4					
Red-faced Skimmer	<i>Orthetrum chrysis</i>	C							1
Common Blue Skimmer	<i>Orthetrum glaucum</i>	A		8		6			4
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	A		6	1	4	11	1	5
Green Skimmer	<i>Orthetrum sabina sabina</i>	C		1				1	2
Wandering Glider	<i>Pantala flavescens</i>	A		5		120	1		2
Pied Skimmer	<i>Pseudothemis zonata</i>	C				3			
Ruby Darter	<i>Rhodothemis rufa</i>	C	LC				2		
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	C				1			
Saddlebag Glider	<i>Tramea virginia</i>	C		1			1		
Crimson Dropwing	<i>Trithemis aurora</i>	A		2			10		1
Indigo Dropwing	<i>Trithemis festiva</i>	A		5		2	5	2	
Emerald Cascader	<i>Zygonyx iris insignis</i>	A	PGC						1
Total no. of species recorded:				9	1	8	12	5	7
Total no. of individuals recorded:				33	1	139	42	6	16

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	Kau Lung Hang Stream	Ma Wat Channel
Whitespotted Walking Catfish	<i>Clarias fuscus</i>	Common				+
Nile Tilapia	<i>Oreochromis niloticus</i>	Common			+++	+++
Total no. of species recorded:					1	3

- Commonness: Lee et al. (2004).
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- Relative Abundance:
 - + = 1-5 individuals
 - ++ = 6-10 individuals
 - +++ = 11-20 individuals
 - ++++ = 21-50 individuals
 - +++++ = >50 individuals