

Appendix 9.5c Fauna recorded in Nga Yiu Ha, Ping Yeung and Wo Keng Shan Area

Mammals

Common Name	Scientific Name	Status	Listing	Level of Concern	Abandoned Agricultural Land	Agricultural Land	Hillside Grassland	Watercourse
Unidentified bat species	-	-	Cap.170		1		5	
Lesser Bamboo Bat	<i>Tylonycteris pachypus</i>	Very Common	Cap.170, CRDB (R)	(LC)			1	
Malayan Porcupine	<i>Hystrix brachyura</i>	Very Common	Cap.170	PGC	Quill			
Eurasian Wild Pig	<i>Sus scrofa</i>	Very Common				Footprint		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)
- 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	HGL	OF	PL	SL	R	WL
Little Egret	<i>Egretta garzetta</i>	Common winter visitor and resident	PRC(RC)		2	1		3							
Chinese Pond Heron	<i>Ardeola bacchus</i>	Common winter visitor and resident	PRC(RC)		4	2		1	2				1		
Black Kite	<i>Milvus migrans</i>	Common winter visitor and resident	(RC)		3		1	1		9					
Crested Serpent Eagle	<i>Spilornis cheela</i>	Uncommon resident	(LC)	V						1					
Crested Goshawk	<i>Accipiter trivirgatus</i>	Common resident		R						1					2
Common Buzzard	<i>Buteo buteo</i>	Common winter visitor								1					1

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL
Common Kestrel	<i>Falco tinnunculus</i>	Uncommon winter visitor				1									
Chinese Francolin	<i>Francolinus pintadeanus</i>	Common resident							1	5					1
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Common resident				3		1	1						2
Green Sandpiper	<i>Tringa ochropus</i>	Common winter visitor						1							1
Rock Dove	<i>Columba livia</i>	Common resident								25					
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	Common winter visitor										2			2
Spotted Dove	<i>Streptopelia chinensis</i>	Common resident			10	2	19		1	4					6
Emerald Dove	<i>Chalcophaps indica</i>	Uncommon resident		V											
Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	Uncommon summer visitor													
Large Hawk Cuckoo	<i>Hierococcyx sparveriioides</i>	Common summer visitor				1									1
Indian Cuckoo	<i>Cuculus micropterus</i>	Uncommon summer visitor			1										
Common Koel	<i>Eudynamys scolopacea</i>	Common resident			4		1								5
Greater Coucal	<i>Centropus sinensis</i>	Common resident		V	8	1			3	1					1
Lesser Coucal	<i>Centropus bengalensis</i>	Common resident		V	4				3						2
Collared Scops Owl	<i>Otus lettia</i>	Uncommon resident													
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	Uncommon resident													
Savanna Nightjar	<i>Caprimulgus affinis</i>	Uncommon resident								5					
Little Swift	<i>Apus affinis</i>	Common migrant and summer visitor			2					5					
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Uncommon winter visitor and resident	(LC)		3			1							

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL
Barn Swallow	<i>Hirundo rustica</i>	Common migrant and summer visitor			15		2		2	21	2				6
Grey Wagtail	<i>Motacilla cinerea</i>	Common winter visitor						10							
White Wagtail	<i>Motacilla alba</i>	Common winter visitor			3	3		14		1			1	2	1
Olive-backed Pipit	<i>Anthus hodgsoni</i>	Common winter visitor			3			1				3	2		
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Common resident			24		12	8	3	4		6	2		18
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Common resident			8		3			2			2		13
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	Common resident			4					1		3	1		8
Chestnut Bulbul	<i>Hypsipetes castanonotus</i>	Uncommon resident and winter visitor													3
Long-tailed Shrike	<i>Lanius schach</i>	Common resident			6	2				2					
Siberian Rubythroat	<i>Luscinia calliope</i>	Common winter visitor			4	1				2			5		3
Red-flanked Bluetail	<i>Tarsiger cyanurus</i>	Common winter visitor								1					
Oriental Magpie Robin	<i>Copsychus saularis</i>	Common resident					2	1	1						3
Daurian Redstart	<i>Phoenicurus aureus</i>	Common winter visitor						2					3		
Common Stonechat	<i>Saxicola torquata</i>	Common winter visitor			1			1					1		
Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Common resident													1
Common Blackbird	<i>Turdus merula</i>	Common winter visitor			20										4
Grey-backed Thrush	<i>Turdus hortulorum</i>	Common winter visitor													2
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	Common resident			17				1				2	4	18
Greater Necklaced Laughingthrush	<i>Garrulax pectoralis</i>	Common resident													5

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL
Hwamei	<i>Garrulax canorus</i>	Common resident								1					
Japanese Bush Warbler	<i>Cettia diphone</i>	Common winter visitor							1						1
Brownish-flanked Bush Warbler	<i>Cettia fortipes</i>	Common winter visitor											1		
Bright-capped Cisticola	<i>Cisticola exilis</i>	Uncommon winter visitor	LC							2			6		
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	Common resident			3				2	6			4		3
Plain Prinia	<i>Prinia inornata</i>	Common resident			4		5								
Common Tailorbird	<i>Orthotomus sutorius</i>	Common resident			3					1		1	1		10
Dusky Warbler	<i>Phylloscopus fuscatus</i>	Common winter visitor			3	1				1			2		
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	Common winter visitor											3		4
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	Common winter visitor						4	1			2	4		1
Greenish Warbler	<i>Phylloscopus trochiloides</i>	Uncommon winter visitor													1
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	Uncommon migrant								2			2		1
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	Common winter visitor													2
Great Tit	<i>Parus major</i>	Common resident					2			2		2	1		12
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	Common resident					2								2
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	Common resident					1				1				2
Japanese White-eye	<i>Zosterops japonicus</i>	Common resident					12				1	5	11		10
Little Bunting	<i>Emberiza pusilla</i>	Common winter visitor						6							
Black-faced Bunting	<i>Emberiza spodocephala</i>	Common winter visitor						1					1		
White-rumped Munia	<i>Lonchura striata</i>	Common resident					2	2							10

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL
Scaly-breasted Munia	<i>Lonchura punctulata</i>	Common resident			26	1							7		1
Eurasian Tree Sparrow	<i>Passer montanus</i>	Common resident					16								
Black-collared Starling	<i>Sturnus nigricollis</i>	Common resident			1	1	1	3	4		1		4		
White-shouldered Starling	<i>Sturnus sinensis</i>	Uncommon winter visitor and resident	(LC)							3	1				
Crested Myna	<i>Acridotheres cristatellus</i>	Common resident			75	3	9		1		2	2	1		26
Black-naped Oriole	<i>Oriolus chinensis</i>	Uncommon migrant	LC												2
Black Drongo	<i>Dicrurus macrocercus</i>	Common resident			4	2		3	1	2					2
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	Uncommon resident						1							2
Blue Magpie	<i>Urocissa erythrorhyncha</i>	Common resident										1			3
Large-billed Crow	<i>Corvus macrorhynchos</i>	Common resident			2							1			42
Total no. of species recorded:					30	15	16	20	16	27	6	11	31	3	45
Total no. of individuals recorded:					267	25	90	65	28	111	8	28	87	7	250

Note:

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- 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; HGL = Hillside Grassland; OF = Open Field; PL = Plantation; SL = Shrubland; R = Watercourse; WL = Woodland

Herpetofauna

Common Name	Scientific Name	Commonness	Level of Concern	Listing	AAL	AL	DA	DC	FW	OF	PL	R	WL
Asian Common Toad	<i>Bufo melanostictus</i>	Abundant and widespread			22		3	40				1	
Paddy Frog	<i>Fejervarya limnocharis</i>	Very common and widespread throughout the New Territories			157			2	100		100		1
Chinese Gecko	<i>Gekko chinensis</i>	Very common and occurs throughout Hong Kong					1						
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	Widespread and very common in the New Territories			31				30				
Ornate Pigmy Frog	<i>Microhyla ornata</i>	Common and evenly distributed in the New Territories			2	10			30	1		1	
Chinese Cobra	<i>Naja atra</i>	Found throughout the territory	PRC	Cap. 586, CRDB (V), CITES	1								
White-spotted Slug Snake	<i>Pareas margaritophorus</i>	Fairly Common					1						
Brown Tree Frog	<i>Polypedates megacephalus</i>	Widespread and very common										1	
Gunther's Frog	<i>Rana guentheri</i>	Very common and widespread			4	6	5	31	41		1	1	
Slender Forest Skink	<i>Scincella modesta</i>	Common and occurs in scattered sites in the New Territories											1
Indian Forest Skink	<i>Sphenomorphus indicus</i>	Common and occurs in woodlands in the eastern and central New Territories	LC				1						
Checkered Keelback	<i>Xenochrophis piscator</i>	Occurs throughout the New Territories							1				
Total no. of species recorded:					6	2	5	3	5	1	2	4	2
Total no. of individuals recorded:					217	16	11	73	202	1	101	4	2

Note:

- Commonness: Chan et al. (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	FW	HGL	OF	PL	SL	R	WL		
Common Mime	<i>Chilasa clytia clytia</i>	C	1		1										
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	VC	2		1	1	1						1		1
Lime Butterfly	<i>Papilio demoleus demoleus</i>	C									1				
Red Helen	<i>Papilio helenus helenus</i>	VC	1												1
Great Mormon	<i>Papilio memnon agenor</i>	VC				1						1	2		1
Paris Peacock	<i>Papilio paris paris</i>	VC							1			1	3	1	5
Common Mormon	<i>Papilio polytes polytes</i>	VC	10	3	1	7	1						7	1	10
Spangle	<i>Papilio protenor protenor</i>	VC	1			7						2		2	3
Five-bar Swordtail	<i>Pathysa antiphates antiphates</i>	C	1												
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	C	1										2		8
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i>	C											3		
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	VC			6		1							1	5
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	VC	24		3	6	4	4	1	2	2	3	10		
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	C			1										
Yellow Orange Tip	<i>Ixias pyrene pyrene</i>	UC	4			1									
Indian Cabbage White	<i>Pieris canidia canidia</i>	VC	15	10	8	15	10	6	2		5	2	1		
Common Tiger	<i>Danaus genutia genutia</i>	VC	1									1			
Blue-spotted Crow	<i>Euploea midamus midamus</i>	VC	1												2
Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	VC	1			1									
Common Duffer	<i>Discophora sondaica tulliana</i>	C													1
Large Faun	<i>Faunis eumeus eumeus</i>	C											2		
Banded Tree Brown	<i>Lethe confusa confusa</i>	VC													1
Common Tree Brown	<i>Lethe rohria permagnis</i>	UC											1		
Common Evening Brown	<i>Melanitis leda leda</i>	VC	1												
Dark Evening Brown	<i>Melanitis phedima muskata</i>	C	1										2		1
Dark-brand Bush Brown	<i>Mycalesis mineus mineus</i>	VC	10			1					6	5	17		
South China Bush Brown	<i>Mycalesis zonata</i>	C											1		

Common Name	Scientific Name	Commonness	Level of Concern											
				AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL
Common Five-ring	<i>Ypthima baldus baldus</i>	VC		4		1		5	1			1	3	2
Small Three-ring	<i>Ypthima norma norma</i>	VR	LC						1					
Angled Castor	<i>Ariadne ariadne alterna</i>	C		1				1						
Staff Sergeant	<i>Athyma selenophora leucophryne</i>	C												1
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	C						1						
Rustic	<i>Cupha erymanthis erymanthis</i>	VC		2										2
Gaudy Baron	<i>Euthalia lubentina lubentina</i>	UC				1								
White-edged Blue Baron	<i>Euthalia phemius seitzii</i>	C		1										
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	C							1					
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	VC					1						1	
Peacock Pansy	<i>Junonia almana almana</i>	C						1						
Grey Pansy	<i>Junonia atlites atlites</i>	C				1		1						
Lemon Pansy	<i>Junonia lemonias lemonias</i>	UC											1	
Blue Admiral	<i>Kaniska canace canace</i>	C		1			1							
Common Sailer	<i>Neptis hylas hylas</i>	VC		4		2	1	5	2			1		6
Black Prince	<i>Rohana parisatis staurakius</i>	C		1										
Plum Judy	<i>Abisara echerius echerius</i>	VC		4				8	2		1	10	2	2
Punchinello	<i>Zemeros flegyas flegyas</i>	C		1				1						4
Common Hedge Blue	<i>Acytolepis puspa gisca</i>	C												1
Lime Blue	<i>Chilades lajus leucofasciatus</i>	VC							2			5		
"Gram Blue, Cupid"	<i>Euchrysops cnejus cnejus</i>	C												3
Small Grass Blue	<i>Famegana alsulus eggletoni</i>	C						1					2	
Long-tailed Blue, Pea Blue	<i>Lampides boeticus</i>	C		1										
Slate Flash	<i>Rapala manea schistacea</i>	C										1		
Club Silverline	<i>Spindasis syama peguana</i>	UC										2		
Pale Grass Blue	<i>Zizeeria maha serica</i>	VC							1			5		
Bush Hopper	<i>Ampittia dioscorides etura</i>	UC						1						
Forest Hopper	<i>Astictopterus jama chinensis</i>	C		1										
Formosan Swift	<i>Borbo cinnara</i>	C										2		

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	FW	HGL	OF	PL	SL	R	WL
Banana Skipper	<i>Erionota torus</i>	C											1	
Chestnut Angle	<i>Odontoptilum angulatum angulatum</i>	C			1									1
Great Swift	<i>Pelopidas assamensis</i>	UC	LC					1						
Contiguous Swift	<i>Polytremis lubricans lubricans</i>	C												1
Chinese Dart	<i>Potanthus confucius confucius</i>	C		1										
Greenish Palm Dart	<i>Telicota ancilla horisa</i>	C										1		
Grass Demon	<i>Udaspes folus</i>	UC						27						
Total no. of species recorded:				28	3	11	12	17	10	3	6	24	11	25
Total no. of individuals recorded:				97	14	26	43	70	21	4	13	66	19	90

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)
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Dragonfly

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	FW	HGL	SL	R	WL
Chinese Greenwing	<i>Neurobasis chinensis chinensis</i>	C									4	
Common Blue Jewel	<i>Rhinocypha perforata perforata</i>	A						1			2	
Black-banded Gossamerwing	<i>Euphaea decorata</i>	A									2	
Orange-tailed Midget	<i>Agricnemis femina oryzae</i>	A									1	
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	A					3				2	
Orange-faced Sprite	<i>Pseudagrion rubriceps rubriceps</i>	C					3				1	
Yellow Featherlegs	<i>Copera marginipes</i>	A					15	3			80	
Black Threadtail	<i>Prodasineura autumnalis</i>	A					1			1	19	
Pale-spotted Emperor	<i>Anax guttatus</i>	A					3					
Common Flangetail	<i>Ictinogomphus pertinax</i>	A									9	
Crimson Darter	<i>Crocothemis servilia servilia</i>	A			3	1	1	1			3	
Pied Percher	<i>Neurothemis tullia tullia</i>	C			3			4				
Red-faced Skimmer	<i>Orthetrum chrysis</i>	C			1		1					
Common Blue Skimmer	<i>Orthetrum glaucum</i>	A					6					
Marsh Skimmer	<i>Orthetrum luzonicum</i>	A					1					
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	A		1	1		8	7				
Green Skimmer	<i>Orthetrum sabina sabina</i>	C		1	5		1				1	
Lesser Blue Skimmer	<i>Orthetrum triangulare triangulare</i>	C					1	1				
Wandering Glider	<i>Pantala flavescens</i>	A		119	2	36	30	76	10	1	1	15
Pied Skimmer	<i>Pseudothemis zonata</i>	C					1				1	
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	C		1								
Saddlebag Glider	<i>Tramea virginia</i>	C								1		
Crimson Dropwing	<i>Trithemis aurora</i>	A			1	1	22	7			8	
Indigo Dropwing	<i>Trithemis festiva</i>	A					9					
Dingy Dusk-darter	<i>Zyxomma petiolatum</i>	C									1	
Total no. of species recorded:				4	7	3	16	8	1	3	15	1
Total no. of individuals recorded:				122	16	38	106	100	10	3	135	15

Note:

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

Common Name	Scientific Name	Commonness	Level of Concern	Listing	River Ganges
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)	+++
Chinese Barb	<i>Puntius semifasciolatus</i>	Common			+++
Total no. of species recorded:					5

- 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