

Appendix 9.5f Fauna recorded in Tan Chuk Hang and Lau Shui Heung Area

Mammals

Common Name	Scientific Name	Status	Listing	Level of Concern	Developed Area
Unidentified bat species	-	-	Cap. 170		3

Note:

- All bats found in Hong Kong are protected under the Wild Animals Protection Ordinance (Cap.170)

Avifauna

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	PL	SL	R	WL
Little Egret	<i>Egretta garzetta</i>	Common winter visitor and resident	PRC(RC)		3					2	
Chinese Pond Heron	<i>Ardeola bacchus</i>	Common winter visitor and resident	PRC(RC)		1	3				2	
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Common winter visitor and resident	(LC)		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
Crested Goshawk	<i>Accipiter trivirgatus</i>	Common resident		R							2
Spotted Dove	<i>Streptopelia chinensis</i>	Common resident			7	2	10		10		7
Emerald Dove	<i>Chalcophaps indica</i>	Uncommon resident		V	1						1
Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	Uncommon summer visitor							1		
Large Hawk Cuckoo	<i>Hierococcyx sparverioides</i>	Common summer visitor									1
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	Uncommon summer visitor							1		
Common Koel	<i>Eudynamys scolopacea</i>	Common resident							1		
Greater Coucal	<i>Centropus sinensis</i>	Common resident		V							1
Lesser Coucal	<i>Centropus bengalensis</i>	Common resident		V					3		
Collared Scops Owl	<i>Otus lettia</i>	Uncommon resident									1

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	PL	SL	R	WL
Little Swift	<i>Apus affinis</i>	Common migrant and summer visitor					1	30			
Common Kingfisher	<i>Alcedo atthis</i>	Common resident								5	1
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Uncommon winter visitor and resident	(LC)			1					
Barn Swallow	<i>Hirundo rustica</i>	Common migrant and summer visitor							1		
Grey Wagtail	<i>Motacilla cinerea</i>	Common winter visitor					1			1	4
White Wagtail	<i>Motacilla alba</i>	Common winter visitor			1	3				1	2
Olive-backed Pipit	<i>Anthus hodgsoni</i>	Common winter visitor				2			1		
Scarlet Minivet	<i>Pericrocotus flammeus</i>	Uncommon winter visitor and resident					2		5		18
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Common resident			32	15	23		20		79
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Common resident			13				8		42
Chestnut Bulbul	<i>Hypsipetes castanonotus</i>	Uncommon resident and winter visitor									6
Long-tailed Shrike	<i>Lanius schach</i>	Common resident			2	1	1		2		1
Red-flanked Bluetail	<i>Tarsiger cyanurus</i>	Common winter visitor									1
Oriental Magpie Robin	<i>Copsychus saularis</i>	Common resident			2				1	1	1
Daurian Redstart	<i>Phoenicurus aureoreus</i>	Common winter visitor				1				2	
Common Stonechat	<i>Saxicola torquata</i>	Common winter visitor			3	1					
Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Common resident									2
Common Blackbird	<i>Turdus merula</i>	Common winter visitor				1					
Rufous-capped Babbler	<i>Stachyris ruficeps</i>	Uncommon resident	LC								5
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	Common resident							9		
Greater Necklaced Laughingthrush	<i>Garrulax pectoralis</i>	Common resident							1		
Hwamei	<i>Garrulax canorus</i>	Common resident							5		4
Japanese Bush Warbler	<i>Cettia diphone</i>	Common winter visitor							1		
Zitting Cisticola	<i>Cisticola juncidis</i>	Common winter visitor	LC		1						

Common Name	Scientific Name	Commonness	Level of Concern	CRDB	AAL	AL	DA	PL	SL	R	WL
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	Common resident			8				1		
Common Tailorbird	<i>Orthotomus sutorius</i>	Common resident			3	1			4	3	20
Dusky Warbler	<i>Phylloscopus fuscatus</i>	Common winter visitor				1			4		
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	Common winter visitor			6				1		6
Arctic Warbler	<i>Phylloscopus borealis</i>	Uncommon migrant					1				
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	Common winter visitor					4		2		1
Red-breasted Flycatcher	<i>Ficedula parva</i>	Rare winter visitor			1						
Asian Paradise Flycatcher	<i>Terpsiphone paradisi</i>	Uncommon winter visitor	LC						1		
Great Tit	<i>Parus major</i>	Common resident			2		2		2		17
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	Common resident			2		3		3		15
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	Common resident			1		1		3		5
Japanese White-eye	<i>Zosterops japonicus</i>	Common resident			3		2		12		26
Scaly-breasted Munia	<i>Lonchura punctulata</i>	Common resident			8				12		
Eurasian Tree Sparrow	<i>Passer montanus</i>	Common resident			7		1				
Black-collared Starling	<i>Sturnus nigricollis</i>	Common resident				24					
Crested Myna	<i>Acridotheres cristatellus</i>	Common resident			2	23	1		2		
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	Uncommon resident			1						
Grey Treepie	<i>Dendrocitta formosae</i>	Uncommon resident	LC						4		3
Large-billed Crow	<i>Corvus macrorhynchos</i>	Common resident							2		2
Total no. of species recorded:					24	14	14	1	30	8	30
Total no. of individuals recorded:					111	79	53	30	123	17	276

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; PL = Plantation; SL = Shrubland; R = Watercourse; WL = Woodland

Herpetofauna

Common Name	Scientific Name	Commonness	Level of Concern	Listing	Developed Area	Drainage Channel	Shrubland	Watercourse	Woodland
Asian Common Toad	<i>Bufo melanostictus</i>	Abundant and widespread			4		1		
Many-banded Krait	<i>Bungarus multicinctus multicinctus</i>	Widely distributed in the New Territories	PRC	CRDB (V)	1				
Changeable Lizard	<i>Calotes versicolor</i>	Common							1
Chinese Skink	<i>Eumeces chinensis chinensis</i>	Common and occurs throughout Hong Kong			1				
Long-tailed Skink	<i>Mabuya longicaudata</i>	Common and occurs throughout Hong Kong			2			2	
Banded Stream Snake	<i>Opisthotropis balteata</i>	Rare. Recorded from Shuen Wan, Ping Shan Chai, Pat Sin Range, Bride's Pool, Tai Long Wan, Wong Chuk Yeung, Sha Tau Kok and Lam Tsuen River				1			
Gunther's Frog	<i>Rana guentheri</i>	Very common and widespread						27	
Indian Forest Skink	<i>Sphenomorphus indicus</i>	Common and occurs in woodlands in the eastern and central New Territories	LC				1		6
Bamboo Snake	<i>Trimeresurus albolabris</i>	Widely distributed					1		
Total no. of species recorded:					4	1	3	2	2
Total no. of individuals recorded:					8	1	3	29	7

Note:

- Commonness: Chan et al. (2005, 2006, 2009), Karsen et al. (1998).
- 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 (Zhao 1998)

Butterfly

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	FW	HGL	PL	SL	R	WL
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	VC										1
Common Jay	<i>Graphium doson axion</i>	UC										3
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	VC				1						1
Red Helen	<i>Papilio helenus helenus</i>	VC								1		
Great Mormon	<i>Papilio memnon agenor</i>	VC		1						3	3	4
Paris Peacock	<i>Papilio paris paris</i>	VC		2						16	5	9
Common Mormon	<i>Papilio polytes polytes</i>	VC		2		2				3	3	3
Spangle	<i>Papilio protenor protenor</i>	VC		1		2				8	2	7
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	C				1						5
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	VC		16		2			3	12	13	29
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	C			2	1				2		
Yellow Orange Tip	<i>Ixias pyrene pyrene</i>	UC										1
Indian Cabbage White	<i>Pieris canidia canidia</i>	VC		7	1	4				11	2	6
Common Tiger	<i>Danaus genutia genutia</i>	VC		4		1				6	4	1
Blue-spotted Crow	<i>Euploea midamus midamus</i>	VC		1		2				32	4	9
Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	VC		2							4	
Glassy Tiger	<i>Parantica aglea melanoides</i>	VC										1
Common Duffer	<i>Discophora sondaica tulliana</i>	C										1
Large Faun	<i>Faunis eumeus eumeus</i>	C								1		4
Common Palmfly	<i>Elymnias hypermnestra hainana</i>	C		1								
Banded Tree Brown	<i>Lethe confusa confusa</i>	VC								1		
Dark Evening Brown	<i>Melanitis phedima muskata</i>	C										1
Dark-brand Bush Brown	<i>Mycalesis mineus mineus</i>	VC		3		1				2		15
Common Five-ring	<i>Ypthima baldus baldus</i>	VC		1							1	12
Colour Sergeant	<i>Athyma nefte seitzi</i>	C									1	3
Common Sergeant	<i>Athyma perius perius</i>	C									1	
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	C								1		

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	FW	HGL	PL	SL	R	WL
Rustic	<i>Cupha erymanthis erymanthis</i>	VC								1		2
Common Mapwing	<i>Cyrestis thyodamas chinensis</i>	C								1		
Gaudy Baron	<i>Euthalia lubentina lubentina</i>	UC									2	
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	VC				4	1				2	1
Grey Pansy	<i>Junonia atlites atlites</i>	C		1								
Yellow Pansy	<i>Junonia hierta hierta</i>	UC								1		
Lemon Pansy	<i>Junonia lemonias lemonias</i>	UC		3								
Blue Admiral	<i>Kaniska canace canace</i>	C			1					1	1	1
Common Sailer	<i>Neptis hylas hylas</i>	VC		2				1		6		2
Short-banded Sailer	<i>Phaedyma columella columella</i>	UC								1		
Black Prince	<i>Rohana parisatis staurakius</i>	C		4	1					4	1	
Plum Judy	<i>Abisara echerius echerius</i>	VC		3		1				1	2	2
Punchinello	<i>Zemeros flegyas flegyas</i>	C								4		5
"Gram Blue, Cupid"	<i>Euchrysops cnejus cnejus</i>	C		4						2		1
Tailed Cupid	<i>Everes lacturnus rileyi</i>	C										2
Purple Sapphire	<i>Heliophorus epicles phoenicoparyphus</i>	C		1							2	
Long-tailed Blue, Pea Blue	<i>Lampides boeticus</i>	C								10		
Pale Grass Blue	<i>Zizeeria maha serica</i>	VC		2		8				6		
Oriental Straight Swift	<i>Parnara bada bada</i>	C										2
Chinese Dart	<i>Potanthus confucius confucius</i>	C										1
Water Snow Flat	<i>Tagiades litigiosus litigiosus</i>	C										2
Grass Demon	<i>Udaspes folus</i>	UC		1								
Total no. of species recorded:				21	4	14	1	1	1	26	18	32
Total no. of individuals recorded:				62	5	31	1	1	3	137	53	137

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; FW = Freshwater Wetland; HGL = Hillside Grassland; PL=Plantation; SL = Shrubland; R = Watercourse; WL = Woodland

Dragonfly

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	FW	SL	R	WL
Chinese Greenwing	<i>Neurobasis chinensis chinensis</i>	C								23	
Common Blue Jewel	<i>Rhinocypha perforata perforata</i>	A							1	5	
Wandering Midget	<i>Agriocnemis pygmaea</i>	C								2	
Dusky Lilysquatter	<i>Cercion calamorum dyeri</i>	U	LC							18	
Eastern Lilysquatter	<i>Cercion melanotum</i>	U	LC							12	
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	A								11	2
Common Bluetail	<i>Ischnura senegalensis</i>	A								1	
Ferruginous-faced Sprite	<i>Pseudagrion pruinatum fraseri</i>	U								14	
Orange-faced Sprite	<i>Pseudagrion rubriceps rubriceps</i>	C								12	
Yellow Featherlegs	<i>Copera marginipes</i>	A								14	22
Black Threadtail	<i>Prodasineura autumnalis</i>	A								13	
Pale-spotted Emperor	<i>Anax guttatus</i>	A								1	
Lesser Emperor	<i>Anax parthenope julius</i>	C								2	
Common Flangetail	<i>Ictinogomphus pertinax</i>	A								24	
Regal Pond Cruiser	<i>Epopthalmia elegans</i>	C								5	
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	C								1	
Asian Amberwing	<i>Brachythemis contaminata</i>	A								5	
Crimson Darter	<i>Crocothemis servilia servilia</i>	A								2	
Russet Percher	<i>Neurothemis fulvia</i>	A			2					1	1
Pied Percher	<i>Neurothemis tullia tullia</i>	C		1						2	
Red-faced Skimmer	<i>Orthetrum chrysis</i>	C			1					1	2
Common Blue Skimmer	<i>Orthetrum glaucum</i>	A		2	1	1			4	2	1
Marsh Skimmer	<i>Orthetrum luzonicum</i>	A								1	
Common Red Skimmer	<i>Orthetrum pruinatum neglectum</i>	A		4	1	1		4		11	
Green Skimmer	<i>Orthetrum sabina sabina</i>	C								3	
Lesser Blue Skimmer	<i>Orthetrum triangulare triangulare</i>	C								2	
Wandering Glider	<i>Pantala flavescens</i>	A		64	80	38		1	13	49	90
Pied Skimmer	<i>Pseudothemis zonata</i>	C								10	

Common Name	Scientific Name	Commonness	Level of Concern	AAL	AL	DA	DC	FW	SL	R	WL
Ruby Darter	<i>Rhodothemis rufa</i>	C	LC							3	
Variegated Flutterer	<i>Rhyothemis variegata arria</i>	C								3	
Saddlebag Glider	<i>Tramea virginia</i>	C							1		1
Crimson Dropwing	<i>Trithemis aurora</i>	A					1		2	52	
Indigo Dropwing	<i>Trithemis festiva</i>	A		1						11	
Scarlet Basker	<i>Urothemis signata signata</i>	C	LC							5	
Emerald Cascader	<i>Zygonyx iris insignis</i>	A	PGC							3	2
Total no. of species recorded:				5	5	3	1	2	6	33	8
Total no. of individuals recorded:				72	85	40	1	5	22	323	121

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)
- Habitat: AAL = Abandoned Agricultural Land; AL = Agricultural Land; DA = Developed Area; DC = Drainage Channel; FW = Freshwater Wetland; SL = Shrubland; R = Watercourse; WL = Woodland

Freshwater Fish

Common Name	Scientific Name	Commonness	Level of Concern	Listing	Kwan Tei River	Tan Shan River
---	<i>Acrossocheilus parallens</i>	Rare			+	
Small Snakehead	<i>Channa asiatica</i>	Uncommon in wild, cultivated	LC		+	
Whitespotted Walking Catfish	<i>Clarias fuscus</i>	Common			+	
Common Carp	<i>Cyprinus carpio</i>	Not common in streams, occurs in reservoirs and cultivated		IUCN (VU)		+
Mosquito Fish	<i>Gambusia affinis</i>	Common			++	++
Broken-band Hillstream Loach	<i>Liniparhomaloptera disparis</i>	Common				+++
Paradise Fish	<i>Macropodus opercularis</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			+++	+++
Goby	<i>Rhinogobius duospilus</i>	Common			++	+++
Variable Platyfish	<i>Xiphophorus variatus</i>	Common			+	+++
Freshwater Minnow	<i>Zacco platypus</i>	Common				+
Total no. of species recorded:					10	10

- Commonness: Lee et al. (2004).
- 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 (Yue & Chen 1998)
- IUCN – IUCN Red List of Threatened Species (Version 2010.4); Letters in parentheses: EN = Endangered, VU = Vulnerable, NT = Near Threatened
- Relative Abundance:
 - + = 1-5 individuals
 - ++ = 6-10 individuals
 - +++ = 11-20 individuals
 - ++++ = 21-50 individuals
 - +++++ = >50 individuals