

Appendix 6.4 Fauna Recorded Within the Assessment Area

Common Name <sup>(1)</sup>	Scientific Name	Distribution in Hong Kong	Level of Concern <sup>(2)</sup>	Protection Status in China <sup>(3)</sup>	China Red Data Book	IUCN Red List (Version 2012.1)	Mixed Woodland	Disturbed Woodland	Grassland/Shrubland Mosaic	Village/Orchard	Plantation	Pond/Stream	Wasteland/Developed Area	Rocky Shore	Sandy Shore	In Flight
<b>Avifauna</b>																
Little Egret	<i>Egretta garzetta</i>	Common	PRC (RC)	-	-	-								X		
Pacific Reef Egret	<i>Egretta sacra</i>	Uncommon	LC	Class II	Rare	-								X		
Chinese Pond Heron	<i>Ardeola bacchus</i>	Common	PRC (RC)	-	-	-							X			
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Common	(LC)	-	-	-			X			X				
Black Kite <sup>(4)</sup>	<i>Milvus migrans</i>	Common	(RC)	Class II	-	-			X	X	X	X	X			XX
White-bellied Sea-Eagle <sup>(4)</sup>	<i>Haliaeetus leucogaster</i>	Uncommon	(RC)	Class II	-	-										X
Eastern Buzzard	<i>Buteo japonicus</i>	Common	-	Class II	-	-							X			X
Chinese Francolin	<i>Francolinus pintadeanus</i>	Common	-	-	-	-			X							
Common Sandpiper	<i>Actitis hypoleucos</i>	Common	-	-	-	-								X		
Grey-tailed Tattler	<i>Tringa glareola</i>	Common	LC	-	-	-								X		
Sanderling	<i>Calidris alba</i>	Uncommon	LC	-	-	-								X		
Domestic Dove	<i>Columba livia</i>	Common	-	-	-	-				X			X			
Spotted Dove	<i>Streptopelia chinensis</i>	Abundant	-	-	-	-	X	XX	XX	X	XXX	X	XXX			
Asian Koel	<i>Eudynamis scolopacea</i>	Common	-	-	-	-		X		X	X	X				
Greater Coucal	<i>Centropus sinensis</i>	Common	-	Class II	Vulnerable	-		X	X		X					
Common Kingfisher	<i>Alcedo atthis</i>	Common	-	-	-	-								X		
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Common	(LC)	-	-	-						X				
Barn Swallow	<i>Hirundo rustica</i>	Common	-	-	-	-			XX			XX				
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Common	-	-	-	-						X		X	X	
Grey Wagtail	<i>Motacilla cinerea</i>	Common	-	-	-	-				X						
White Wagtail	<i>Motacilla alba</i>	Common	-	-	-	-			X			X	XX	X	X	
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Abundant	-	-	-	-	XX	XX	XXXX	XX	XXX	X	XXX			
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Abundant	-	-	-	-	XX	X	XXX	X	XXX	X	XXX			
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	Uncommon	-	-	-	-	XX		X	X			X			
Long-tailed Shrike	<i>Lanius schach</i>	Common	-	-	-	-	X				X					
Oriental Magpie Robin	<i>Copsychus saularis</i>	Abundant	-	-	-	-		X	XX	XX	XX		XX			
Daurian Redstart	<i>Phoenicurus auroreus</i>	Common	-	-	-	-					X					
Siberian Stonechat	<i>Saxicola maurus</i>	Common	-	-	-	-			X				X			
Blue Rock Thrush	<i>Monticola solitarius</i>	Uncommon	-	-	-	-								X		
Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Common	-	-	-	-	X				X	X				
Grey-backed Thrush	<i>Turdus hortulorum</i>	Common	-	-	-	-			X							
Chinese Hwamei	<i>Garrulax canorus</i>	Common	-	-	-	-					X					
Zitting Cisticola	<i>Cisticola juncidis</i>	Common	LC	-	-	-					X					
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	Common	-	-	-	-	X		XXX							
Plain Prinia	<i>Prinia inornata</i>	Common	-	-	-	-			X							
Common Tailorbird	<i>Orthotomus sutorius</i>	Common	-	-	-	-	XX	X	XX	X	X					
Dusky Warbler	<i>Phylloscopus fuscatus</i>	Common	-	-	-	-			X							
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	Common	-	-	-	-		X	X		XX					
Great Tit	<i>Parus major</i>	Common	-	-	-	-	X	X	X	X	X		X			
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	Common	-	-	-	-			X							
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	Common	-	-	-	-		X		X						
Japanese White-eye	<i>Zosterops japonicus</i>	Abundant	-	-	-	-	XX	X	XXX	X	XXXX		XX			
White-rumped Munia	<i>Lonchura striata</i>	Common	-	-	-	-					X					
Scaly-breasted Munia	<i>Lonchura punctulata</i>	Common	-	-	-	-			X		X	X				
Eurasian Tree Sparrow	<i>Passer montanus</i>	Abundant	-	-	-	-			XX	XX	XXXX	X	XXXX			
Black-collared Starling	<i>Gracupica nigricollis</i>	Common	-	-	-	-			XX	X	XX	X	XXX			
Crested Myna	<i>Acridotheres cristatellus</i>	Common	-	-	-	-			XXX	X	XX	XX	XXX			
Black Drongo	<i>Dicurus macrocercus</i>	Common	-	-	-	-			XX	X	X	XX	X			
Red-billed Blue Magpie	<i>Urocissa erythrorhyncha</i>	Common	-	-	-	-			X		X	X				
Eurasian Magpie	<i>Pica pica</i>	Common	-	-	-	-			X		XX	X	XXX			
Large-billed Crow	<i>Corvus macrorhynchos</i>	Common	-	-	-	-			X		X	X	XX			
Collared Crow	<i>Corvus torquatus</i>	Uncommon	LC	-	-	-			X				X			
House Crow	<i>Corvus splendens</i>	Common	-	-	-	-			X		X		XX			

Notes:

(1) All wild birds are protected under the Wild Animals Protection Ordinance (Cap. 170)

(2) Fellowes et al. (2002): LC=Local Concern; RC=Regional Concern; PRC=Potential Regional 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.

(3) List of Wild Animals Under State Protection (promulgated by State Forestry Administration and Ministry of Agriculture on 14 January, 1989). (國家重點保護野生動物名錄(1989年1月14日林業局及農業部發佈施行))

(4) Protected under Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)

Species of conservation interest is in bold type face

Code of Abundance: x = Rare; xx = Occasional; xxx = Common; xxxx = Abundant

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Common Name	Scientific name	Distribution in Hong Kong	Mixed Woodland	Disturbed Woodland	Grassland /Shrubland	Village/Orchard	Plantation	Pond/Stream	Wasteland / Developed Area	Rocky Shore
<b>Butterfly</b>										
<b>Hesperiidae</b>										
Forest Hopper	<i>Astictopterus jama chinensis</i>	Common					x			
<b>Yellow Band Dart</b>	<i>Potanthus pava pava</i>	Very rare			x					
Bevan's Swift	<i>Pseudoborbo bevani</i>	Uncommon			x					
<b>Large Branded Swift</b>	<i>Pelopidas subochraceus</i>	Very rare			x					
<b>Papilionidae</b>										
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	Common		x	x					
Common Mime	<i>Chilasa clytia clytia</i>	Common				x	x			
Lime Butterfly	<i>Papilio demoleus demoleus</i>	Common			xx					
Red Helen	<i>Papilio helenus helenus</i>	Very common			xx					
Common Mormon	<i>Papilio polytes polytes</i>	Very common	x		xxx	x	xx	x	xx	x
Great Mormon	<i>Papilio memnon agenor</i>	Very common		x	x		xx	xx		
Spangle	<i>Papilio protenor protenor</i>	Very common						x		
Paris Peacock	<i>Papilio paris paris</i>	Very common			x				x	
<b>Pieridae</b>										
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	Very common		x	xxx	x	x		x	
Indian Cabbage White	<i>Pieris canidia canidia</i>	Very common			x		x	x	x	
Yellow Orange Tip	<i>Ixias pyrene pyrene</i>	Uncommon			x					
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	Common					x			
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	Common			xx		xx		x	x
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	Very common		x	xxx	xx	xxx	xx	xx	xx
Three-spot Grass Yellow	<i>Eurema blanda hylama</i>	Common			x					
<b>Lycaenidae</b>										
Purple Sapphire	<i>Heliophorus epicles phoenicoparyphus</i>	Common					x			
Long-tailed Blue	<i>Lampides boeticus</i>	Common		x	x	x				
Pale Grass Blue	<i>Pseudozizeeria maha</i>	Very common			xx	x	x	x	xx	
Dark Grass Blue	<i>Zizeeria karsandra karsandra</i>	Uncommon	x		x					
Tailed Cupid	<i>Everes lacturnus vileyi</i>	Common			xxx					
Common Hedge Blue	<i>Acytolepis puspa gisca</i>	Common						xx	x	
Gram Blue	<i>Euchrysops cnejus cnejus</i>	Common			x		x	x		
Lime Blue	<i>Chilades lajus leucofasciatus</i>	Common	x			x				
Plains Cupid	<i>Chilades pandava pandava</i>	Uncommon			x				x	
<b>Riodinidae</b>										
Plum Judy	<i>Abisara echerius echerius</i>	Very common			xx	x	x		x	
<b>Satyridae</b>										
Common Evening Brown	<i>Melanitis leda leda</i>	Common							x	
Dark Evening Brown	<i>Melanitis phedima muskata</i>	Uncommon						x		
Common Palmfly	<i>Elymnias hypermnestra hainana</i>	Common					x			
Dark-brand Bush Brown	<i>Mycalesis mineus mineus</i>	Very common	xx	x	xxx		x	x		
South China Bush Brown	<i>Mycalesis zonata</i>	Common	x		x	x	x	x		
Common Five-ring	<i>Ypthima baldus baldus</i>	Very common			xx					
<b>Amathusiidae</b>										
Large Faun	<i>Faunis eumeus eumeus</i>	Common	x		x	x	x			
<b>Nymphalidae</b>										
Angled Castor	<i>Ariadne ariadne alterna</i>	Common		x	xx		x			
Rustic	<i>Cupha erymanthis erymanthis</i>	Very common		x	xx	x	x			
Blue Admiral	<i>Kaniska canace canace</i>	Common			x					
Chocolate Pansy	<i>Junonia iphita iphita</i>	Common		x						
Blue Pansy	<i>Junonia orithya orithya</i>	Uncommon			x					
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	Common	xx	x	xx	x	xxx	xx	xx	x
Common Sailer	<i>Neptis hylas hylas</i>	Common	x	x	xxx	x	x		xx	x
Colour Sergeant	<i>Athyma nefte seitzi</i>	Common					x			
Staff Sergeant	<i>Athyma selenophora leucophryne</i>	Common			xx			x		
White-edged Blue Baron	<i>Euthalia phemius seitzi</i>	Common			x					
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	Common						x		
<b>Danaidae</b>										
Glassy Tiger	<i>Parantica aglea melanoides</i>	Common			x					
Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	Very common			xxx		x	x	xx	
Common Tiger	<i>Danaus genutia genutia</i>	Common	x		xx				x	x
Blue-spotted Crow	<i>Euploea midamus midamus</i>	Very common			x				x	
Common Indian Crow	<i>Euploea core amymone</i>	Common		x	x	x	xx	x	xx	

Note:

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Common Name	Scientific name	Distribution in Hong Kong	Mixed Woodland	Disturbed Woodland	Grassland/ Shrubland Mosaic	Village / Orchard	Plantation	Pond/Stream	Wasteland/ Developed Area	Rocky Shore
<b>Damselfly</b>										
Common Bluetail	<i>Ischnura senegalensis</i>	Abundant		x						
Black-kneed Featherlegs	<i>Copera ciliata</i>	Abundant	x					x		
Yellow Featherlegs	<i>Copera marginipes</i>	Abundant						x		
Black Threadtail	<i>Prodasineura autumnalis</i>	Abundant				x		xx		
<b>Dragonfly</b>										
Pale-spotted Emperor	<i>Anax guttatus</i>	Abundant						x		
Lesser Emperor	<i>Anax parthenope julius</i>	Common	x					x		
Crimson Darter	<i>Crocothemis servilia servilia</i>	Abundant				x	x	x		x
Russet Percher	<i>Neurothemis fulvia</i>	Abundant						x		
Red-faced Skimmer	<i>Orthetrum chrysis</i>	Common				x		x		
Common Blue Skimmer	<i>Orthetrum glaucum</i>	Abundant		xx	xx	xx	xx	xxxx	x	x
Marsh Skimmer	<i>Orthetrum luzonicum</i>	Abundant			x			x		
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	Abundant		x				xx		
Green Skimmer	<i>Orthetrum sabina sabina</i>	Common	xx	xx	x	xx				
Lesser Blue Skimmer	<i>Orthetrum triangulare triangulare</i>	Common						xx		
Wandering Glider	<i>Pantala flavescens</i>	Abundant	xx	x	xxx		xxxx	xx	xxxx	x
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	Common	x		x				x	
Saddlebag Glider	<i>Tamea virginia</i>	Common						x		
Crimson Dropwing	<i>Trithemis aurora</i>	Abundant				x		x		
Indigo Dropwing	<i>Trithemis festiva</i>	Abundant					x	xxx		

Note:

Code of Abundance: x = Rare; xx = Occasional; xxx = Common; xxxx = Abundant

Appendix 6.4 Fauna Recorded Within the Assessment Area

Common Name	Scientific name	Distribution in Hong Kong	Disturbed Woodland	Grassland/ Shrubland Mosaic	Village/ Orchard	Plantation	Pond/Stream	Wasteland/ Developed Area	Rocky Shore
<b>Amphibian</b>									
Asian Common Toad	<i>Bufo melanostictus</i>	Abundant	x	x	x		x	x	
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	Widely distributed	x			xx	x	xx	
Butler's Pigmy Frog	<i>Microhyla butleri</i>	Widely distributed		x		x			
Marbled Pigmy Frog	<i>Microhyla pulchra</i>	Common		x					
Gunther's Frog	<i>Rana guentheri</i>	Widely distributed		x					
Brown Tree Frog	<i>Polypedates megacephalus</i>	Widely distributed	xx	xx		xx	x		
<b>Reptile</b>									
Chinese Gecko	<i>Gekko chinensis</i>	Very common and widely distributed	xx			x		xx	
Bowring's Gecko	<i>Hemidactylus bowringii</i>	Most commonly seen gecko				xx		xxx	
Changeable Lizard	<i>Calotes versicolor</i>	Widely distributed		x					x
Long-tailed Skink	<i>Mabuya longicaudata</i>	Common	x		x				
Slender Forest Skink	<i>Scincella modesta</i>	Common		xx		x			
Reeves' Smooth Skink	<i>Scincella reevesii</i>	Common					x		
Large-spotted Cat Snake	<i>Boiga multomaculata</i>	Common and Widespread						x	
Bamboo Snake	<i>Trimeresurus albolabris</i>	Distributed in shrubland, grassland							x

Note:

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Common Name	Scientific name	Distribution in Hong Kong	Grassland/ Shrubland Mosaic	Wasteland/Developed Area
<b>Mammals</b>				
<b>Japanese Pipistrelle</b> <sup>(1)</sup>	<i>Pipistrellus abramus</i>	Abundant	x	x
Asian House Rat	<i>Rattus tanezumi</i>	Common		x

Notes:

(1) Protected under Wild Animal Protection Ordinance (Cap. 170)

Code of Abundance: x = Rare

Appendix 6.4 Fauna Recorded Within the Assessment Area

Freshwater Communities Recorded in Watercourse

Taxa	Species / Family Name	Common Name	Relative Abundance										
			Stream 1			Stream 2			Stream 3			Stream 4	
			Lower	Middle	Upper	Lower	Middle	Upper	Lower	Middle	Upper	Lower	Upper
<b>Lower Invertebrate</b>													
Hirudinea		Leeches								X			
Hydrachnida		Water Mites			X								
<b>Snail</b>													
Prosobranchia	<i>Physella acuta</i>			X	XX			X	XX		X	X	
	<i>Sinotaia quadrata</i>						X						
	Viviparidae		X	XX	XX								
Pulmonata	Planorbidae		XXX	XXX	XXXX		X	X	X				
<b>Crab</b>													
	<i>Eriocheir japonicus</i>							X					
<b>Shrimp</b>													
	<i>Caridina cantonensis</i>					XXXX	XXXX	XX	XXX		XXXX	X	
<b>Insect</b>													
Diptera (True flies)	Chironomidae	Non-biting midges		XXX	X	X							
	<i>Simuliidae: Simulium</i>						X						
Ephemeroptera (Mayflies)	Baetidae										X		
	<i>Baetis</i> (Baetidae)					X	X						
	<i>Cloeon</i> (Baetidae)								XX		XX		
	<i>Proclleon</i> (Baetidae)					XX	X	XXXX	XXX		X		
	<i>Liebebiella</i> (Baetidae)		XXXX		XXX			X			X		
	Ephemerellidae					XX	X	X					
	<i>Isca purpurea</i> (Leptophlebiidae)					XX							
	Leptophlebiidae					XXX					XXX		
Trichoptera (Caddisflies)	<i>Hydropsyche</i> (Hydropsychidae)					X							
	Philopotamidae			X	X				XX				
	<i>Rhyacophilidae</i>					X							
	Caenidae					X							
Heteroptera	<i>Ptilomera tigrina</i>						X	X			X		
	<i>Metrocoris sp. (Gerrinae)</i>							X					
	<i>Enithares sp.</i>					XX							
Megaloptera (Fishflies)	<i>Neochauliodes boweringi</i>								XX				
Zygoptera (Damselflies)	Coenagrionidae								X			X	
Anisoptera (Dragonflies)	<i>Zygonyx iris</i>		X										
	<i>Sympetrum</i> (Libellulidae)				XX								
	<i>Tramaea</i> (Libellulidae)				X								
	Cordulegasteridae			XX	XX								
Orthoptera	<i>Tetrigidae</i>		XXX			XXX	XXX						
<b>Fish</b>													
	<i>Mugil cephalus</i>	Grey Mullet										X	
	<i>Siganus canaliculatus</i>	White-spotted Rabbit Fish										XX	
	<i>Terapon jarbua</i>	Crescent-banded Grunter										X	
<b>Tadpole</b>													
	<i>Polypedates megacephalus</i>	Brown Tree Frog	X	X		X							

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