

Appendix 9.3 Fauna Species Recorded within the assessment area

Avifauna

Common Name	Scientific Name	Distribution in Hong Kong ⁽³⁾	Principal Status ⁽⁴⁾	Level of Concern ⁽⁵⁾	Protection Status in China ⁽⁶⁾	China Red Data Book ⁽⁷⁾	Red List of China's Vertebrates ⁽⁸⁾	IUCN Red List ⁽⁹⁾	Habitat within Assessment Area										
									MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC	IF	
Amur Stonechat	<i>Saxicola stejnegeri</i>	Common passage migrant and winter visitor. Widely distributed in open cultivated fields throughout Hong Kong.	W,M	-	-	-	Least Concern	Least Concern					+						
Asian Koel	<i>Eudynamys scolopaceus</i>	Common resident. Widely distributed in Hong Kong.	Su,R	-	-	-	Least Concern	Least Concern	+					+			+		
Barn Swallow	<i>Hirundo rustica</i>	Abundant passage migrant and uncommon winter visitor. Widely distributed in Hong Kong.	SpM,Su	-	-	-	Least Concern	Least Concern	++	+	++++	+	+	++					
Black Drongo	<i>Dicrurus macrocerus</i>	Common autumn passage migrant and winter visitor. Widely distributed in open area throughout Hong Kong.	M,Su	-	-	-	Least Concern	Least Concern	+										+
Black Kite⁽²⁾⁽¹⁰⁾	<i>Milvus migrans</i>	Common resident and winter visitor. Widely distributed in Hong Kong.	W,R	(RC)	Class II	-	Least Concern	Least Concern	+++	++			+	++					++
Black-collared Starling	<i>Gracupica nigricollis</i>	Common resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	++					++		+			
Black-crowned Night Heron ⁽¹⁰⁾	<i>Nycticorax nycticorax</i>	Common resident and migrant. Widely distributed in Hong Kong.	P	(LC)	-	-	Least Concern	Least Concern											+
Black-faced Bunting	<i>Emberiza spodocephala</i>	Common winter visitor and passage migrant. Widely distributed in Hong Kong.	M,W	-	-	-	Least Concern	Least Concern	+	+	+								
Black-throated Laughingthrush	<i>Pterorhinus chinensis</i>	Common resident. Widely distributed in woodland and shrubland throughout Hong Kong.	R	-	Class II	-	Near Threatened	Least Concern	+	+									
Black-winged Cuckooshrike	<i>Lalage melaschistos</i>	Common passage migrant and scarce winter visitor. Widely distributed in woodland throughout Hong Kong.	AM,W	-	-	-	Least Concern	Least Concern						+					
Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Widely distributed in countryside areas throughout Hong Kong, except for Lantau Island.	R	-	-	-	Least Concern	Least Concern	+	+	+	+	+				+		
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	+++++	++			++	+++				+	
Chinese Hwamei⁽²⁾	<i>Garrulax canorus</i>	Common resident. Widely distributed in hillside shrubland throughout Hong Kong.	R	-	Class II	-	Near Threatened	Least Concern		+	+								
Chinese Pond Heron⁽¹⁰⁾	<i>Ardeola bacchus</i>	Common resident. Widely distributed in Hong Kong.	P	PRC (RC)	-	-	Least Concern	Least Concern										+	
Collared Crow⁽¹⁰⁾	<i>Corvus torquatus</i>	Locally common resident. Found in Inner Deep Bay area, Nam Chung, Kei Ling Ha, Tai Mei Tuk, Pok Fu Lam, Chek lap Kok, Shuen Wan, Lam Tsuen.	R	LC	-	-	Near Threatened	Vulnerable	+										
Collared Scops Owl⁽²⁾	<i>Otus lettia</i>	Common resident. Widely distributed in shrubland throughout Hong Kong.	R	-	Class II	-	Least Concern	Least Concern	+	+	+			+					
Common Emerald Dove	<i>Chalcophaps indica</i>	Uncommon but widespread resident. Widely distributed in woodland throughout Hong Kong.	R	-	-	Vulnerable	Least Concern	Least Concern	+										
Common Kestrel⁽²⁾	<i>Falco tinnunculus</i>	Common autumn migrant and winter visitor. Widely distributed in Hong Kong.	AM,W	-	Class II	-	Least Concern	Least Concern											+
Common Kingfisher	<i>Alcedo atthis</i>	Common passage migrant and winter visitor. Widely distributed in wetland habitat throughout Hong Kong.	AM,P	-	-	-	Least Concern	Least Concern						+					

Avifauna

Common Name	Scientific Name	Distribution in Hong Kong ⁽³⁾	Principal Status ⁽⁴⁾	Level of Concern ⁽⁵⁾	Protection Status in China ⁽⁶⁾	China Red Data Book ⁽⁷⁾	Red List of China's Vertebrates ⁽⁸⁾	IUCN Red List ⁽⁹⁾	Habitat within Assessment Area									
									MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC	IF
Common Sandpiper	<i>Actitis hypoleucos</i>	Common passage migrant and winter visitor. Widely distributed in wetland area throughout Hong Kong.	M,W	-	-	-	Least Concern	Least Concern						+	+			
Common Tailorbird	<i>Orthotomus sutorius</i>	Common resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	++	+		+	++					+
Crested Goshawk ⁽²⁾	<i>Accipiter trivirgatus</i>	Common resident. Widely distributed in woodlands and shrublands throughout Hong Kong.	R	-	Class II	Rare	Near Threatened	Least Concern	+									
Crested Myna	<i>Acridotheres cristatellus</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	+		++++		+					
Daurian Redstart	<i>Phoenicurus aureus</i>	Common winter visitor. Widely distributed in Hong Kong.	W	-	-	-	Least Concern	Least Concern			+		+					
Dusky Warbler	<i>Phylloscopus fuscatus</i>	Abundant winter visitor and migrant. Widely distributed in shrubland and waterside vegetation throughout Hong Kong.	W	-	-	-	Least Concern	Least Concern			+		+					
Eastern Buzzard ⁽²⁾⁽¹⁰⁾	<i>Buteo japonicus</i>	Common winter visitor. Widely distributed in Hong Kong.	W	-	Class II	-	Least Concern	Least Concern		+								+
Eurasian Tree Sparrow	<i>Passer montanus</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	+	+	+		+++					
Great Egret	<i>Ardea alba</i>	Common resident, migrant and winter visitor. Widely distributed in Hong Kong.	P		PRC (RC)	-	Least Concern	Least Concern										+
Greater Coucal	<i>Centropus sinensis</i>	Common resident. Widely distributed in Hong Kong.	R	-	Class II	Vulnerable	Least Concern	Least Concern	+	+		+	+					
Grey Heron ⁽¹⁰⁾	<i>Ardea cinerea</i>	Common winter visitor. Found in Deep Bay area, Starling Inlet, Kowloon Park, Cape D'Aguilar.	W		PRC	-	Least Concern	Least Concern										+
Hair-crested Drongo	<i>Dicrurus hottentotus</i>	Common migrant and winter visitor, and locally common resident. Widely distributed in wooded area throughout Hong Kong.	M,Su,W	-	-	-	Least Concern	Least Concern				+						
House Swift	<i>Apus nipalensis</i>	Abundant spring migrant and common resident. Widely distributed in Hong Kong.	R,SpM	-	-	-	Least Concern	Least Concern	+	++	+	+	+					
Indochinese Yuhina	<i>Staphida torqueola</i>	Uncommon but increasing winter visitor, scarce and localised in summer.	W		(LC)	-	-	Least Concern	+									
Japanese Thrush	<i>Turdus cardis</i>	Common winter visitor and migrant. Widely distributed in woodland throughout Hong Kong.	M,W	-	-	-	Least Concern	Least Concern		+								
Japanese Tit	<i>Parus minor</i>	Vagrant. Found in Wetland Park.	-	-	-	-	-	-	+	+								
Kentish Plover ⁽¹⁰⁾	<i>Charadrius alexandrinus</i>	Abundant winter visitor and scarce migrant. Found in Deep Bay area, Chek Lap Kok, Shuen Wan, Sai Kung, Lantau Island.	W		RC	-	Least Concern	Least Concern					+					
Large-billed Crow	<i>Corvus macrorhynchos</i>	Common resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	++	+	+	++	++++					+
Lesser Coucal	<i>Centropus bengalensis</i>	Uncommon resident. Widely distributed in Hong Kong.	R	-	Class II	Vulnerable	Least Concern	Least Concern			+							
Little Bunting	<i>Emberiza pusilla</i>	Common passage migrant and winter visitor. Widely distributed in open area throughout Hong Kong.	W	-	-	-	Least Concern	Least Concern		+								
Little Egret ⁽¹⁰⁾	<i>Egretta garzetta</i>	Common resident, migrant and winter visitor. Widely distributed in coastal area throughout Hong Kong.	P		PRC (RC)	-	Least Concern	Least Concern										+
Long-tailed Shrike	<i>Lanius schach</i>	Common resident. Widely distributed in open areas throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern	+		+		+					

Avifauna

Common Name	Scientific Name	Distribution in Hong Kong ⁽³⁾	Principal Status ⁽⁴⁾	Level of Concern ⁽⁵⁾	Protection Status in China ⁽⁶⁾	China Red Data Book ⁽⁷⁾	Red List of China's Vertebrates ⁽⁸⁾	IUCN Red List ⁽⁹⁾	Habitat within Assessment Area									
									MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC	IF
Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	Abundant resident. Widely distributed in shrubland throughout Hong Kong	R	-	-	-	Least Concern	Least Concern	+	+	+	+	+					
Mountain Bulbul	<i>Ixos mccllellandii</i>	Uncommon resident. Found in Tai Po Kau, Ng Tung Chai.	-	-	-	-	Least Concern	Least Concern	+									
Mountain Tailorbird	<i>Phyllergates cucullatus</i>	Uncommon resident and locally common winter visitor. Found in woodland throughout Hong Kong	-	-	-	-	Least Concern	Least Concern		+								
Olive-backed Pipit	<i>Anthus hodgsoni</i>	Common passage migrant and winter visitor. Widely distributed in Hong Kong.	W	-	-	-	Least Concern	Least Concern			+		+					
Oriental Magpie	<i>Pica serica</i>	Common summer visitor. Widely distributed in open area throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern				+	+					
Oriental Magpie Robin	<i>Copsychus saularis</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	+	+	+	+	+	+				+
Pacific Reef Heron ⁽¹⁰⁾	<i>Egretta sacra</i>	Common resident. Widely distributed in coastal area throughout Hong Kong.	R	(LC)	Class II	Rare	Least Concern	Least Concern						+				+
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	Common winter visitor and migrant. Found in woodland throughout Hong Kong.	W	-	-	-	Least Concern	Least Concern	+			+	+					
Peregrine Falcon ⁽²⁾⁽¹⁰⁾	<i>Falco peregrinus</i>	Locally common resident and winter visitor. Widely distributed in Hong Kong.	R,W	(LC)	Class II	-	Near Threatened	Least Concern										+
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	Passage migrant and common visitor. Widely distributed in open area throughout Hong Kong.	Su	-	-	-	Least Concern	Least Concern	+									
Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	Common resident. Widely distributed in woodland edges through Hong Kong.	R	-	-	-	Least Concern	Least Concern	++	+	+	+	++					
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	+++	++	+	++	+++	+			++	
Rock Dove	<i>Columba livia</i>	Locally common resident. Widely distributed in urban area throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern					+					
Rufous-capped Babbler	<i>Cyanoderma ruficeps</i>	Common resident	R	LC	-	-	Least Concern	Least Concern	+	+								
Scarlet Minivet	<i>Pericrocotus speciosus</i>	Common resident. Found in Tai Po Kau, the Peak, Lam Tsuen, Cape D'Aguilar Road, Shing Mun.	R	-	-	-	Least Concern	Least Concern	+									
Scaly-breasted Munia	<i>Lonchura punctulata</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern					+					
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	Common resident. Widely distributed in open areas throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern			+	+						
Spotted Dove	<i>Spilopelia chinensis</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	++	+	+	+	++				+	
Swinhoe's White-eye	<i>Zosterops simplex</i>	Abundant resident. Widely distributed in Hong Kong.	R,?W	-	-	-	Least Concern	Least Concern	+++	++	+	+	+					
Tristram's Bunting	<i>Emberiza tristrami</i>	Uncommon winter visitor. Widely distributed in woodland throughout Hong Kong.	W	-	-	-	Near Threatened	Least Concern					+					
White Wagtail	<i>Motacilla alba</i>	Resident, common passage migrant and winter visitor. Widely distributed in Hong Kong.	W,R	-	-	-	Least Concern	Least Concern	+	+		+	+					
White-breasted Waterhen ⁽¹⁰⁾	<i>Amaurornis phoenicurus</i>	Common resident. Widely distributed in wetland throughout Hong Kong	R	-	-	-	Least Concern	Least Concern			+							
White-throated Kingfisher ⁽¹⁰⁾	<i>Halcyon smyrnensis</i>	Common resident. Widely distributed in coastal areas throughout Hong Kong.	AM,P	(LC)	Class II	-	Least Concern	Least Concern					+	+				

Avifauna

Common Name	Scientific Name	Distribution in Hong Kong ⁽³⁾	Principal Status ⁽⁴⁾	Level of Concern ⁽⁵⁾	Protection Status in China ⁽⁶⁾	China Red Data Book ⁽⁷⁾	Red List of China's Vertebrates ⁽⁸⁾	IUCN Red List ⁽⁹⁾	Habitat within Assessment Area											
									MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC	IF		
White-rumped Muia	<i>Lonchura striata</i>	Common resident. Widely distributed in wetland throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern	+					+						
White-shouldered Starling	<i>Sturnia sinensis</i>	Locally common passage migrant and uncommon winter visitor.	R	(LC)	-	-	Least Concern	Least Concern	+											
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	Common resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern		+	+	+								
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	Abundant winter visitor and migrant. Widely distributed in woodland throughout Hong Kong.	W	-	-	-	Least Concern	Least Concern	+	+	+	+								

Notes:

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

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

(3) AFCD (2023). Hong Kong Biodiversity Information Hub.

(4) Carey *et al.* (2001): R=resident; W=winter visitor; Su=summer visitor; M = migrant; A = autumn; P = present all year, exact composition unknown; ?W = extent of migration in winter is unclear

(5) Fellowes *et al.* (2002). Wild Animals to Watch: Terrestrial and Freshwater Fauna of Conservation Concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159. LC=Local Concern; RC=Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in nesting and/or roosting sites rather than in general occurrence.

(6) List of Wild Animals Under State Protection (promulgated by the National Forestry and Grassland Administration in 2021). (7) Zheng, G. M. and Wang, Q. S. (1998). China Red Data Book.Aves.

(7) Zheng, G. M. and Wang, Q. S. (1998). China Red Data Book. Aves.

(8) Jiang *et al.* (2016). Red List of China's Vertebrates.

(9) IUCN (2024). The IUCN Red List of Threatened Species. Version 2023.01.

(10) Wetland-dependent species (including wetland-dependent species and waterbirds).

Abbreviation for Habitats: MWL = Mixed Woodland; SL = Shrubland; SG/G = Shrubby Grassland/ Grassland; PL = Plantation; DA = Developed Area; RS = Rocky Shore; SS = Soft Shore; NWC = Natural Watercourse; MWC = Modified Watercourse; and IF = In Flight

Code for Abundance: +++++ = Dominant; ++++ = Abundant; +++ = Frequent; ++ = Occasional; + = Scarce

Species of conservation importance is in **bold** type face

Appendix 9.3 Fauna Species Recorded within the assessment area

Mammal

Common Name	Scientific Name	Distribution in Hong Kong ⁽²⁾	Level of Concern ⁽³⁾	Protection Status in China ⁽⁴⁾	China Red Data Book ⁽⁵⁾	Red List of China's Vertebrates ⁽⁶⁾	IUCN Red List ⁽⁷⁾	Habitat within Assessment Area								
								MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC
Chinese Noctule ⁽¹⁾	<i>Nyctalus plancyi</i>	Fairly widely distributed in countryside areas throughout Hong Kong	PRC (RC)	-	-	Least Concern	Least Concern		+			+				
Domestic Cat	<i>Felis catus</i>	Widely distributed in urban and forested areas throughout Hong Kong.	-	-	-	-	-					+				
Domestic Dog	<i>Canis lupus familiaris</i>	Widely distributed in urban and countryside areas throughout Hong Kong.	-	-	-	-	-					++				
Eurasian Wild Pig	<i>Sus scrofa</i>	Very widely distributed in countryside areas throughout Hong Kong	-	-	-	Least Concern	Least Concern	+	+							
Grey Shrew	<i>Crocidura attenuata</i>	Fairly widely distributed. Found in Tai Po Kau, Pak Sha O, Wong Lung Hang and Pok Fu Lam	-	-	-	Least Concern	Least Concern			+						
Himalayan Leaf-nosed Bat ⁽¹⁾	<i>Hipposideros armiger</i>	Widely distributed in countryside areas throughout Hong Kong	(LC)	-	-	Least Concern	Least Concern	+	+							
Indochinese Forest Rat	<i>Rattus andamanensis</i>	Widely distributed in countryside areas throughout Hong Kong	-	-	-	Least Concern	Least Concern	+	+							
Intermediate Horseshoe Bat ⁽¹⁾	<i>Rhinolophus affinis</i>	Widely distributed in countryside areas throughout Hong Kong.	(LC)	-	-	Least Concern	Least Concern	+								
Japanese Pipistrelle ⁽¹⁾	<i>Pipistrellus abramus</i>	Widely distributed throughout Hong Kong	-	-	-	Least Concern	Least Concern	+	+			+				
Least Horseshoe Bat ⁽¹⁾	<i>Rhinolophus pusillus</i>	Widely distributed in countryside areas throughout Hong Kong	PRC (RC)	-	-	Least Concern	Least Concern	+								
Leopard Cat ⁽¹⁾	<i>Prionailurus bengalensis</i>	Widely distributed in countryside areas throughout Hong Kong, except for Lantau Island	-	Class II	Vulnerable	Vulnerable	Least Concern	+	+	+		+	+			
Lesser Bent-winged Bat ⁽¹⁾	<i>Miniopterus pusillus</i>	Fairly widely distributed in countryside areas throughout Hong Kong.	(LC)	-	-	Near Threatened	Least Concern	+								
Pallas's Squirrel ⁽¹⁾	<i>Callosciurus erythraeus</i>	Fairly widely distributed, with the styani subspecies found in the New Territories	-	-	-	Least Concern	Least Concern	+				+				
Rickett's Big-footed Myotis ⁽¹⁾	<i>Myotis ricketti</i>	Fairly widely distributed in countryside areas throughout Hong Kong.	(LC)	-	Vulnerable	-	Vulnerable	+				+				
Short-nosed Fruit Bat ⁽¹⁾	<i>Cynopterus sphinx</i>	Very widely distributed in urban and countryside areas throughout Hong Kong.	-	-	Indeterminate	Near Threatened	Least Concern					+				
Unidentified Miniopterus sp. ⁽¹⁾	<i>Miniopterus sp.</i>	Widely distributed in countryside areas throughout Hong Kong.	-	-	-	-	-	+				+				
Unknown Vespertilionidae species 1 ⁽¹⁾	-	-	-	-	-	-	-	+				+				
Unknown Vespertilionidae species 2 ⁽¹⁾	-	-	-	-	-	-	-	+				+				

Notes:

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

(2) AFCD (2023). Hong Kong Biodiversity Information Hub.

(3) Fellowes et al. (2002). Wild Animals to Watch: Terrestrial and Freshwater Fauna of Conservation Concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159. LC = Local Concern; RC = Regional Concern.

Letters in parentheses indicate that the assessment is on the basis of restrictedness in nesting and/or roosting sites rather than in general occurrence.

(4) List of Wild Animals Under State Protection (promulgated by the National Forestry and Grassland Administration in 2021).

(5) Wang, S. (1998). China Red Data Book of Endangered Animals. Mammalia. First Edition. Beijing: Science Press.

(6) Jiang et al. (2016). Red List of China's Vertebrates. *Biodiversity Science* 24(5): 500-551.

(7) IUCN (2024). The IUCN Red List of Threatened Species. Version 2023.01.

Abbreviation for Habitats: MWL = Mixed Woodland; SL = Shrubland; SG/G = Shrubby Grassland/ Grassland; PL = Plantation; DA = Developed Area; RS = Rocky Shore; SS = Soft Shore; NWC = Natural Watercourse; and MWC = Modified Watercourse

Code for Abundance: +++++ = Dominant; ++++ = Abundant; +++ = Frequent; ++ = Occasional; + = Scarce

Species of conservation importance is in bold type face

Appendix 9.3 Fauna Species Recorded within the assessment area

Herpetofauna

Common Name	Scientific Name	Distribution in Hong Kong ⁽²⁾	Level of Concern ⁽³⁾	Protection Status in China ⁽⁴⁾	China Red Data Book ⁽⁵⁾	Red List of China's Vertebrates ⁽⁶⁾	IUCN Red List ⁽⁷⁾	Habitat within Assessment Area								
								MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC
Amphibian																
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	Widely distributed in Hong Kong.	-	-	-	Least Concern	Least Concern		+		+	++			+	
Asiatic Painted Frog	<i>Kaloula pulchra</i>	Widely distributed in Hong Kong.	-	-	-	Least Concern	Least Concern		+		+	+				
Brown Tree Frog	<i>Polypedates megacephalus</i>	Widely distributed throughout Hong Kong.	-	-	-	Least Concern	Least Concern	+	+	+	+	++				
Butler's Pigmy Frog	<i>Microhyla butleri</i>	Widely distributed in Hong Kong.	-	-	-	Least Concern	Least Concern		+			+				
Greenhouse Frog	<i>Eleutherodactylus planirostris</i>	Widely distributed throughout Hong Kong.	-	-	-	-	Least Concern	++	+		+	+				
Gunther's Frog	<i>Sylvirana guentheri</i>	Widely distributed throughout Hong Kong.	-	-	-	Least Concern	Least Concern					+			+	
Ornate Pigmy Frog	<i>Microhyla fissipes</i>	Widely distributed in Hong Kong.	-	-	-	Least Concern	Least Concern					+				
Paddy Frog	<i>Fejervarya limnocharis</i>	Widely distributed throughout Hong Kong.	-	-	-	Least Concern	Least Concern					+			+	
Reptile																
Bamboo Snake	<i>Cryptelytrops albolabris</i>	Widely distributed in countryside areas throughout Hong Kong, except for Lantau	-	-	-	Least Concern	Least Concern		+		+	+				
Bowring's Gecko	<i>Hemidactylus bowringii</i>	Distributed throughout Hong Kong.	-	-	-	Least Concern	Least Concern		+		+	++				
Changeable Lizard	<i>Calotes versicolor</i>	Widely distributed throughout Hong Kong.	-	-	-	Least Concern	Least Concern		+		+	+				
Chinese Gecko	<i>Gekko chinensis</i>	Widely distributed throughout Hong Kong.	-	-	-	Least Concern	Least Concern	+	+		+	+				
Common Rat Snake⁽²⁾	<i>Ptyas mucosus</i>	Widely distributed throughout Hong Kong.	PRC	-	Endangered	Endangered	Least Concern		+							
Common Wolf Snake	<i>Lycodon capucinus</i>	Widely distributed at low elevations throughout Hong Kong Island, Lantau	-	-	-	Near Threatened	Least Concern	+								
Four-clawed Gecko	<i>Gehyra mutilata</i>	Widely distributed throughout Hong Kong.	-	-	-	Vulnerable	Least Concern					+				
Garnot's Gecko	<i>Hemidactylus garnotii</i>	Distributed in Lantau Island, Hong Kong Island and eastern New Territories.	-	-	-	Least Concern	Least Concern				+	+				

Notes:

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

(2) AFCD (2023). Hong Kong Biodiversity Information Hub.

(3) Fellowes et al. (2002). Wild Animals to Watch: Terrestrial and Freshwater Fauna of Conservation Concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159: LC = Local Concern; RC = Regional Concern.

Letters in parentheses indicate that the assessment is on the basis of restrictedness in nesting and/or roosting sites rather than in general occurrence.

(4) List of Wild Animals Under State Protection (promulgated by the National Forestry and Grassland Administration in 2021).

(5) Wang, S. (1998). China Red Data Book of Endangered Animals. Mammalia. First Edition. Beijing: Science Press.

(6) Jiang et al. (2016). Red List of China's Vertebrates. *Biodiversity Science* 24(5): 500-551.

(7) IUCN (2024). The IUCN Red List of Threatened Species. Version 2023.01.

Abbreviation for Habitats: MWL = Mixed Woodland; SL = Shrubland; SG/G = Shrubby Grassland/ Grassland; PL = Plantation; DA = Developed Area; RS = Rocky Shore; SS = Soft Shore; NWC = Natural Watercourse; and MWC = Modified Watercourse

Code for Abundance: +++++ = Dominant; ++++ = Abundant; +++ = Frequent; ++ = Occasional; + = Scarce

Species of conservation importance is in **bold** type face

Appendix 9.3 Fauna Species Recorded within the assessment area

Butterfly

Common Name	Scientific Name	Distribution in Hong Kong ⁽¹⁾	Local Restrictedness and Species of Conservation Concern ⁽²⁾	Level of Concern ⁽³⁾	Protection Status in China ⁽⁴⁾	IUCN Red List ⁽⁵⁾	Habitat within Assessment Area									
							MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC	
Banded Tree Brown	<i>Lethe confusa</i>	Widely distributed throughout Hong Kong.	Common	-	-	-		+								
Blue Admiral	<i>Kaniska canace</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+									
Blue Tiger	<i>Tirumala limniace</i>	Widely distributed throughout Hong Kong.	Common	-	-	-		+	+							
Ceylon Blue Glassy Tiger	<i>Ideopsis similis</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	+	+		+					
Chocolate Royal	<i>Remelana jangala</i>	Widely distributed throughout Hong Kong.	Common	-	-	-		+	+							
Colour Sergeant	<i>Athyma nefte</i>	Widely distributed throughout Hong Kong.	Common	-	-	-				+						
Common Bluebottle	<i>Graphium sarpedon</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+		+		+				+	
Common Five-ring	<i>Ypthima baldus</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-			+							
Common Grass Yellow	<i>Eurema hecabe</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	++	+	++	+					
Common Hedge Blue	<i>Acytoplepis puspa</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+	+								
Common Indian Crow	<i>Euploea core</i>	Widely distributed throughout Hong Kong.	Common	-	-	-			+							
Common Jay	<i>Graphium doson</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+				+					
Common Jester	<i>Symbrenthia lilaea</i>	Widely distributed throughout Hong Kong.	Common	-	-	-				+						
Common Lineblue	<i>Prosotas nora</i>	-	-	-	-	-			+							
Common Mime	<i>Chilasa clytia</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+	+	+		+					
Common Mormon	<i>Papilio polytes</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	+	+	+	+	+				
Common Sailer	<i>Neptis hylas</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	+	+	+	+					
Common Sergeant	<i>Athyma perius</i>	Widely distributed throughout Hong Kong.	Uncommon	-	-	-				+						
Common Tiger	<i>Danaus genutia</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+		+							
Danaid Egg-fly	<i>Hypolimnas misippus</i>	Ngau Ngak Shan, Lung Kwu, Tan, Hong Kong Wetland Park, Mount Parker, Cloudy Hill, Lin Ma Hang.	Uncommon	LC	-	Least Concern				+						
Dark-Brand Bush Brown	<i>Mycalasis mineus</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	+	+	+	+					
Five-bar Swordtail	<i>Pathysa antiphates</i>	Widely distributed throughout Hong Kong.	Common	-	-	-					+					
Five-dot Sergeant	<i>Parathyma sulphita</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+		+							
Forest Hopper	<i>Astictopterus jama</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+		+							
Forget-me-not	<i>Catochrysops strabo</i>	Widely distributed throughout Hong Kong.	Very Rare	-	-	-			+							
Formosan Swift	<i>Borbo cinnara</i>	Widely distributed throughout Hong Kong.	Common	-	-	-					+					
Gaudy Baron	<i>Euthalia lubentina</i>	Widely distributed throughout Hong Kong.	Uncommon	-	-	-	+				+					
Glassy Tiger	<i>Parantica aglea</i>	Widely distributed throughout Hong Kong.	Common	-	-	-				+	+					
Grass Demon	<i>Udaspes folus</i>	Widely distributed throughout Hong Kong.	Rare	-	-	-	+									
Great Eggfly	<i>Hypolimnas bolina</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+				+	+				
Great Mormon	<i>Papilio memnon</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+		+							
Great Orange Tip	<i>Hebomoia glaucippe</i>	Widely distributed throughout Hong Kong.	Common	-	-	-					+					
Green Flash	<i>Artipe eryx</i>	Widely distributed throughout Hong Kong.	Uncommon	-	-	-					+					
Indian Cabbage White	<i>Pieris canidia</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	+	+		++					
Indian Palm Bob	<i>Suastus gremius</i>	Widely distributed throughout Hong Kong.	Uncommon	-	-	-	+									
Large Faun	<i>Faunis eumeus</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	++	+		+	+				+	
Lemon Emigrant	<i>Catopsilia pomona</i>	Widely distributed throughout Hong Kong.	Common	-	-	-				+		+				
Lime Blue	<i>Chilades lajus</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+						+			
Lime Butterfly	<i>Papilio demoleus</i>	Widely distributed throughout Hong Kong.	Common	-	-	-				+						
Long-tailed Blue	<i>Lampides boeticus</i>	Widely distributed throughout Hong Kong.	Common	-	-	-				+	+					
Metallic Cerulean	<i>Jamides alecto</i>	Victoria Peak, Fung Yuen, Chuen Lung, Mui Wo.	Very rare	-	-	-	+	+			+					
Paintbrush Swift	<i>Baoris farri</i>	Deep Water Bay, Shing Mun, Lam Tsuen, Fung Yuen, Wu Kau Tang, Lai Chi Wo.	Rare	-	-	-			+							

Butterfly

Common Name	Scientific Name	Distribution in Hong Kong ⁽¹⁾	Local Restrictedness and Species of Conservation Concern ⁽²⁾	Level of Concern ⁽³⁾	Protection Status in China ⁽⁴⁾	IUCN Red List ⁽⁵⁾	Habitat within Assessment Area								
							MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC
Painted Jezebel	<i>Delias hyparete</i>	Widely distributed throughout Hong Kong.	Uncommon	-	-	-			+						
Pale Grass Blue	<i>Zizeeria maha</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	++	+	+	++				
Paris Peacock	<i>Papilio paris</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-		+	+	+	+	+			
Peacock Pansy	<i>Junonia almana</i>	Widely distributed throughout Hong Kong.	Common	-	-	-					+				
Plum Judy	<i>Abisara echerius</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	++	+	+	+	+				
Rare Swift	<i>Papilio helenus</i>	Widely distributed throughout Hong Kong.	Uncommon	-	-	-		+							
Red Helen	<i>Papilio helenus</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	+	+		+				
Red Ring Skirt	<i>Hestina assimilis</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+								
Red-base Jezebel	<i>Delias pasithoe</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	++	++++	++++	+	+				
Rustic	<i>Cupha erymanthis</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+			+	+				
Silver Streak Blue	<i>Iraota timoleon</i>	Widely distributed throughout Hong Kong.	Uncommon	-	-	-		+							
Small Cabbage White	<i>Pieris rapae</i>	Shep Mun Kap, Fan Lau, Ngong Ping, Kam Tin, Ho Chung, Luk Keng, Tuen Mun Ash Lagoon.	Rare	-	-	-		+			+				
South China Bush Brown	<i>Mycalasis zonata</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+	+							
Southern Sullied Sailer	<i>Neptis clinia</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+	+							
Spangle	<i>Papilio protenor</i>	Widely distributed throughout Hong Kong.	Very common	-	-	-	+	+							
Swallowtail	<i>Papilio xuthus</i>	Kap Lung, Ma On Shan, Tai Tam, Sha Lo Wan, Kat O, Lung Kwu Tan, Wu Kau Tang, Lung Kwu Chau.	Rare	-	-	-		+	+						
Tailed Jay	<i>Graphium agamemnon</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+								
Tailless Line Blue	<i>Prosotas dubiosa</i>	North Lantau Island.	Vagrant	-	-	-	+	+			+				
Water Snow Flat	<i>Tagiades litigiosus</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+								
Punchinello	<i>Zemeros flegyas</i>	Widely distributed throughout Hong Kong.	Common	-	-	-	+								

Notes:

(1) AFCD (2023). Hong Kong Biodiversity Information Hub.

(2) AFCD (2011). A Review of the Local Restrictedness of Hong Kong Butterflies.

(3) Fellowes et al. (2002). Wild Animals to Watch: Terrestrial and Freshwater Fauna of Conservation Concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.

(4) List of Wild Animals Under State Protection (promulgated by the National Forestry and Grassland Administration in 2021).

(5) IUCN (2024). The IUCN Red List of Threatened Species. Version 2023.01.

Abbreviation for Habitats: MWL = Mixed Woodland; SL = Shrubland; SG/G = Shrubby Grassland/ Grassland; PL = Plantation; DA = Developed Area; RS = Rocky Shore; SS = Soft Shore; NWC = Natural Watercourse; and MWC = Modified Watercourse

Code for Abundance: +++++ = Dominant; ++++ = Abundant; +++ = Frequent; ++ = Occasional; + = Scarce

Species of conservation importance is in **bold** type face

Appendix 9.3 Fauna Species Recorded within the assessment area

Odonate

Common Name	Scientific Name	Distribution in Hong Kong ⁽¹⁾	Level of Concern ⁽²⁾	Protection Status in China ⁽³⁾	IUCN Red List ⁽⁴⁾	IUCN Priority Species for Conservation ⁽⁵⁾	Habitat within Assessment Area									
							MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC	
Black Threadtail	<i>Prodasineura autumnalis</i>	Widely distributed in streams throughout Hong Kong.	-	-	Least Concern	-	+								+	
Black-banded Gossamerwing	<i>Euphaea decorata</i>	Widely distributed in streams throughout Hong Kong.	-	-	Least Concern	-									+	
Blue Percher	<i>Diplacodes trivialis</i>	Widespread, especially in late summer, when it can be found almost everywhere in Hong Kong.	-	-	Least Concern	-						+				
Blue Threadtail	<i>Prodasineura autumnalis</i>	Often perches on the plants near streams. Widely distributed in streams throughout Hong Kong; Widespread.	-	-	Least Concern	-									+	
Common Blue Skimmer	<i>Orthetrum glaucum</i>	Widely distributed in streams, conduits, drainage channels, seepages and road gutters throughout Hong Kong.	-	-	Least Concern	-	+				+	+				
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	Widely distributed in streams throughout Hong Kong.	-	-	Least Concern	-	+	+								
Green Skimmer	<i>Orthetrum sabina sabina</i>	Widely distributed in all wetland habitats throughout Hong Kong.	-	-	Least Concern	-		+				+				
Lesser Emperor	<i>Anax julius</i>	Often found in lowland ponds and sluggish rivers. Widely distributed throughout Hong Kong.	-	-	Least Concern	-		+								
Marsh Skimmer	<i>Orthetrum luzonicum</i>	Widely distributed in abandoned paddies, marshy swampy and boggy locations.	-	-	Least Concern	-	+	+		+						
Red-faced Skimmer	<i>Orthetrum chrysis</i>	Widely distributed in streams throughout Hong Kong.	-	-	Least Concern	-	+									
Wandering Glider	<i>Pantala flavescens</i>	Widely distributed in countryside areas throughout Hong Kong, except for Lantau	-	-	Least Concern	-	++	+++		++	++					

Notes:

(1) AFCD (2023). Hong Kong Biodiversity Information Hub.

(2) Fellowes et al. (2002). Wild Animals to Watch: Terrestrial and Freshwater Fauna of Conservation Concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159:

(3) List of Wild Animals Under State Protection (promulgated by the National Forestry and Grassland Administration in 2021).

(4) IUCN (2024). The IUCN Red List of Threatened Species. Version 2023.01.

(5) Moore, N.W. (1997). Dragonflies - Status Survey and Conservation Action Plan. IUCN/SSC Odonata Specialist Group. IUCN, Gland, Switzerland and Cambridge, UK. v + 28 pp.

Abbreviation for Habitats: MWL = Mixed Woodland; SL = Shrubland; SG/G = Shrubby Grassland/ Grassland; PL = Plantation; DA = Developed Area; RS = Rocky Shore; SS = Soft Shore; NWC = Natural Watercourse; and MWC = Modified Watercourse

Code of abundance: +++++ = Dominant; ++++ = Abundant; +++ = Frequent; ++ = Occasional; + = Scarce

Species of conservation importance is in **bold** type face

Appendix 9.3 Fauna Species Recorded within the assessment area

Freshwater Communities

Common Name	Scientific Name	Distribution in Hong Kong ⁽¹⁾	Level of Concern ⁽²⁾	Protection Status in China ⁽³⁾	China Red Data Book ⁽⁴⁾	Red List of China's Vertebrates ⁽⁵⁾	IUCN Red List ⁽⁶⁾	Sampling points						
								F1	F2	F3	F4	F5	F6	
Backswimmer	<i>Anisops sp.</i>	-	-	-	-	-	-							++
Backswimmer	<i>Enithares biimpressa</i>	-	-	-	-	-	-							+
Blood Worm	<i>Chironomidae sp.</i>	-	-	-	-	-	-							+
Caddisfly (Trichoptera) Larva	<i>Hydropsychidae sp.</i>	-	-	-	-	-	-							++
Canton Bee Shrimp	<i>Caridina cantonensis</i>	-	-	-	-	-	-			++	++	+++		
Copepod	<i>Copepoda sp.</i>	-	-	-	-	-	-							++++
Freshwater Prawn	<i>Macrobrachium sp.</i>	-	-	-	-	-	-							+
Freshwater Shrimp	<i>Caridina sp.</i>	-	-	-	-	-	-							++++
Freshwater Snail	<i>Physella acuta</i>	-	-	-	-	-	-							+++
Guppy	<i>Poecilia reticulata</i>	-	-	-	-	-	Least Concern					+	+	
Long-armed Freshwater Shrimp	<i>Macrobrachium formosense</i>	-	-	-	-	-	-					+	+	
Marsh Beetle (Larva)	<i>Scirtidae sp.</i>	-	-	-	-	-	-							++
Mayfly (Ephemeroptera) Larva	<i>Cloeon sp.</i>	-	-	-	-	-	-							++
Mayfly (Ephemeroptera) Larva	<i>Electrogena ngi</i>	-	-	-	-	-	-							++
Mosquito Fish	<i>Gambusia affinis</i>	-	-	-	-	-	Least Concern			++	+++	+		
Mosquito Larva	<i>Armigeres sp.</i>	-	-	-	-	-	-							+
Mosquito Larva	<i>Culicidae sp.</i>	-	-	-	-	-	-							++++
Ostracod	<i>Ostracoda sp.</i>	-	-	-	-	-	-							+++
Riffle Bug	<i>Microvelia sp.</i>	-	-	-	-	-	-							++
Unidentified Skimmer (Larva)	<i>Orthetrum sp.</i>	-	-	-	-	-	-							+
Velvet Water Bug	<i>Hebridae sp.</i>	-	-	-	-	-	-							+
Water Mite	<i>Hydrachnidia sp.</i>	-	-	-	-	-	-							+
Water Scavenger Beetle	<i>Amphiops sp.</i>	-	-	-	-	-	-							+
Water Scavenger Beetle	<i>Enochrus sp.</i>	-	-	-	-	-	-							+
Water Scavenger Beetle	<i>Helochares fuliginosus</i>	-	-	-	-	-	-							++
Water Skater	<i>Ptilomera tigrina</i>	-	-	-	-	-	-			+	+	+	+	
Water Treader	<i>Mesoveliidae sp.</i>	-	-	-	-	-	-							++

Notes:

(1) AFCD (2023). Hong Kong Biodiversity Information Hub; Dudgeon D. (2003). Hong Kong Field Guides: Hillstreams; Lee et al. (2004). Field Guide to the Freshwater Fish of Hong Kong.

(2) Fellowes et al. (2002). Wild Animals to Watch: Terrestrial and Freshwater Fauna of Conservation Concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159

(3) List of Wild Animals Under State Protection (promulgated by the National Forestry and Grassland Administration in 2021).

(4) Yue P. and Chen Y. (1998). China Red Data Book of Endangered Animals: Pisces. Science Press, Beijing.

(5) Jiang et al. (2016). Red List of China's Vertebrates.

(6) IUCN (2024). The IUCN Red List of Threatened Species. Version 2023.01.

Sampling point (the watercourse it locates at): F1(S1); F2(S2); F3(S3); F4(S4); F5(S5); F6 (W1)

Code for Abundance: +++++ = Dominant; ++++ = Abundant; +++ = Frequent; ++ = Occasional; + = Scarce Species of conservation importance is in **bold** type face

Appendix 9.3 Fauna Species Recorded within the assessment area

Firefly

Common Name	Scientific Name	Distribution in Hong Kong ⁽¹⁾	IUCN Red List ⁽²⁾	Habitat within Assessment Area								
				MWL	SL	SG/G	PL	DA	RS	SS	NWC	MWC
Rimmed Window Firefly	<i>Pyrocoelia analis</i>	Commonly seen in countryside, farmlands, abandoned farmlands, fish ponds, wetlands,	-					+				

Notes:

(1) AFCD (2023). Hong Kong Biodiversity Information Hub.

(2) IUCN (2024). The IUCN Red List of Threatened Species. Version 2023.01.

Abbreviation for Habitats: MWL = Mixed Woodland; SL = Shrubland; SG/G = Shrubby Grassland/ Grassland; PL = Plantation; DA = Developed Area; RS = Rocky Shore; SS = Soft Shore; NWC = Natural Watercourse; and MWC = Modified Watercourse

Code for Abundance: +++++ = Dominant; ++++ = Abundant; +++ = Frequent; ++ = Occasional; + = Scarce Species of conservation importance is in **bold** type face