

10.3b Avifauna Species Recorded within the Kam Sheung Road/Pat Heung Area

Common Name ⁽¹⁾	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 (Version 2022.2) ⁽⁹⁾	WRCW	PO	WC	DAL	MWL	PL	SL	GL	VO	DA	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 Brown Flycatcher	<i>Muscicapa dauurica</i>	Common autumn passage migrant and winter visitor. Widely distributed in Hong Kong.	M,W	-	-	-	Least Concern	Least Concern	+										
Asian Koel	<i>Eudynamis scolopacea</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-winged Stilt ⁽¹⁰⁾	<i>Himantopus himantopus</i>	Common migrant and winter visitor. Found in Deep Bay area, Long Valley, Kam Tin	W	RC	-	-	Least Concern	Least Concern			+								
Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Common resident. Widely distributed in shrubland and woodland throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern			+		+	+	+			+	
Brown Shrike	<i>Lanius cristatus</i>	Common passage migrant and scarce winter visitor. Widely distributed in open areas throughout Hong Kong.	SpM	-	-	-	Least Concern	Least Concern	+										
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	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										+	+
Common Myna	<i>Acridotheres tristis</i>	Locally common resident. Found in Mai Po, Sheung Uk Tsuen, Sheung Shui, Kam Tin, Shek Kong, Ping Shan, Mong Tseng.	R	-	-	-	Least Concern	Least Concern	+			+				+	+	+	
Common Sandpiper ⁽¹⁰⁾	<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 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					+					+	+
Eastern Cattle Egret ⁽¹⁰⁾	<i>Bubulcus coromandus</i>	Resident and common passage migrant. Widely distributed in Hong Kong.	P	(LC)	-	-	Least Concern	Least Concern			+								
Eurasian Teal ⁽¹⁰⁾	<i>Anas crecca</i>	Common winter visitor. Found in Deep Bay area, Shuen Wan, Tai Lam Chung Reservoir, Victoria Harbour, urban parks.	W	RC	-	-	Least Concern	Least Concern			++++								
Eurasian Tree Sparrow	<i>Passer montanus</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	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	+						+			+	
Green Sandpiper ⁽¹⁰⁾	<i>Tringa ochropus</i>	Common migrant and winter visitor. Found in Deep Bay area, Shuen Wan, Long Valley, Kam Tin, Shek Kong, Ho Chung.	W	-	-	-	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	+		+		+					+	
Grey Wagtail	<i>Motacilla cinerea</i>	Common passage migrant and winter visitor. Widely distributed in hill streams throughout Hong Kong.	W	-	-	-	Least Concern	Least Concern	+		++	+			+			+	

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Hair-crested Drongo	<i>Dicrurus hottentottus</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 Crow	<i>Corvus splendens</i>	Locally common resident. Distributed in some urban areas.	-	-	-	-	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	+		++	+						+	+
Japanese Tit	<i>Parus minor</i>	Common resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	+		+		+				+	+	
Large Hawk Cuckoo	<i>Hierococcyx sparveriioides</i>	Locally common spring and summer visitor. Widely distributed in woodland throughout in Hong Kong.	Su	-	-	-	Least Concern	Least Concern				+		+			+	+	
Large-billed Crow	<i>Corvus macrorhynchos</i>	Common resident. Widely distributed in Hong Kong.	R	-	-	-	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	+		++					+		+	+
Little Ringed Plover ⁽¹⁰⁾	<i>Charadrius dubius</i>	Resident, common winter visitor and passage migrant. Widely distributed in freshwater areas throughout Hong Kong.	W,R	(LC)	-	-	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	+					+				+	
Mandarin Duck ⁽¹⁰⁾	<i>Aix galericulata</i>	Scarce winter visitor. Found in Mai Po, Tai Tam, Shing Mun	-	-	Class II	Vulnerable	Near Threatened	Least Concern			+								
Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	Abundant resident. Widely distributed in shrubland throughout Hong Kong.	R	-	-	-	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 Robin	<i>Copsychus saularis</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	++		++	+	+	+	+	+	+	++	
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	Common passage migrant. Widely distributed in reed beds throughout Hong Kong.	M	-	-	-	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	+		+		+		+	+		+	
Plain Prinia	<i>Prinia inornata</i>	Locally common resident. Widely distributed in grassland throughout Hong Kong.	R	-	-	-	Least Concern	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 throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern	+		+		+					+	
Red-throated Flycatcher	<i>Ficedula albicilla</i>	Common migrant and winter visitor. Widely distributed in Hong Kong.	AM,W	-	-	-	Least Concern	Least Concern	+										
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	+++		+	++	+	+	++	+++	++	++++	
Savanna Nightjar	<i>Caprimulgus affinis</i>	Uncommon resident and passage migrant	Su,?W	-	-	-	Data Deficient	Least Concern							+				+
Scaly-breasted Munia	<i>Lonchura punctulata</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	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	+									+	
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	+		+		+	+	+	+	+	++	
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-cheeked Starling	<i>Spodiopsar cinereus</i>	Locally common winter visitor. Found in Deep Bay area, Kam Tin, Long Valley.	W	PRC	-	-	Least Concern	Least Concern	+									+	
White-rumped Munia	<i>Lonchura striata</i>	Common resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern			+								
White-shouldered Starling	<i>Sturnia sinensis</i>	Locally common passage migrant and uncommon winter visitor. Found in Kam Tin, Deep Bay area, Po Toi Island, Long Valley, Victoria Park, Ho Chung, Ma Tso Lung, Mui Wo, Lam Tsuen Valley.	M,W,Su	(LC)	-	-	Least Concern	Least Concern				+					+		

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White-throated Kingfisher ⁽¹⁰⁾	<i>Halcyon smymensis</i>	Common resident. Widely distributed in coastal areas throughout Hong Kong.	AM,P	(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 Bunting	<i>Emberiza chrysophrys</i>	Scarce winter visitor and passage migrant. Found in Deep Bay area, Ho Chung, Nam Chung, Ping Yeung, Tan Shan Valley, Cheung Chau, Long Valley.	M	-	-	-	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	++						+			+	
Total No. of Species Recorded									41	1	38	19	16	13	20	15	21	43	8

Notes:

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

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

(3) Agriculture, Fisheries and Conservation Department (AFCD) (2022). Hong Kong Biodiversity Information Hub.

(4) Carey, G.J., Chalmers, M.L., Diskin, D.A., Carey, G.J., Chalmers, M.L., Diskin, D.A., Kennerley, P.R., Leader, P. J., Leven, M.R., Lewthwaite, R.W., Melville, D.S., Turnbull, M. & Young, L. (2001). The Avifauna of Hong Kong. Hong Kong Bird Watching Society, Hong Kong. R=resident; W=winter visitor; Su=summer visitor; M=migrant; Sp=spring; A=autumn; P=present all year, exact composition unknown; ?W=extent of migration in winter is unclear

(5) Fellowes, J.R., Lau, M.W.N., Dudgeon, D., Reels, G.T., Ades, G.W.J., Carey, G.J., Chan, B.P.L., Kendrick, R.C., Lee, K.S., Leven, M.R., Wilson, K.D.P. & Yu, Y.T. (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;

PRC=Potential Regional Concern; RC=Regional Concern; PGC=Potential Global Concern; GC=Global 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 State Forestry Administration and Ministry of Agriculture on 14 January, 1989).

(7) Zheng, G.-M. & Wang, Q.-S. (1998). China Red Data Book of Endangered Animals: Aves. First Edition. Beijing: Science Press.

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

(9) International Union for the Conservation of Nature (IUCN) (2022). IUCN Red List of Threatened Species. Version 2022.2.

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

Abbreviation for Habitats: WRCW=Westral Compensatory Wetland; PO=Pond; WC=Watercourse; DAL=Dry Agricultural Land; MWL=Mixed Woodland; PL=Plantation; SL=Shrubland; GL=Grassland; VO=Village/Orchard; DA=Developed Area/Wasteland; IF=In Flight

Species of conservation importance is in bold type face.

Code of Abundance: +=Rare; ++=Occasional; +++=Common; ++++=Abundant; +++++=Dominant

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 (Version 2022.2) ⁽⁵⁾	WRCW	PO	WC	DAL	MWL	PL	SL	GL	VO	DA
Great Eggfly	<i>Hypolimnas bolina</i>	Widely distributed throughout Hong Kong	Common	-	-	-			+	+	+			+		++
Danaid Eggfly	<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							+			+
Common Sailer	<i>Neptis hylas</i>	Widely distributed throughout Hong Kong	Very common	-	-	-	+		+	+	+	+	+	+	+	++
Short-banded Sailer	<i>Phaedyma columella</i>	Widely distributed throughout Hong Kong	Common	-	-	-				+				+		+
Five-dot Sergeant	<i>Parathyma sulphitia</i>	Widely distributed throughout Hong Kong	Common	-	-	-							+			
White-edged Blue Baron	<i>Euthalia phemius</i>	Widely distributed throughout Hong Kong	Common	-	-	-										+
Black Prince	<i>Rohana parisatis</i>	Widely distributed throughout Hong Kong	Common	-	-	-										+
Red Ring Skirt	<i>Hestina assimilis</i>	Widely distributed throughout Hong Kong	Common	-	-	-	+		+							
Ceylon Blue Glassy Tiger	<i>Ideopsis similis</i>	Widely distributed throughout Hong Kong	Very common	-	-	-			+			+				
Blue Tiger	<i>Tirumala limniace</i>	Widely distributed throughout Hong Kong	Common	-	-	-			+							+
Plain Tiger	<i>Danaus chrysippus</i>	Lung Kwu Tan, Tong Fuk, Tai Ho, Tung Chung, Pak Tam Chung	Uncommon	-	-	Least Concern			+	+						+
Common Tiger	<i>Danaus genutia</i>	Widely distributed throughout Hong Kong	Common	-	-	-										+
Blue-spotted Crow	<i>Euploea midamus</i>	Widely distributed throughout Hong Kong	Very common	-	-	-			+	+			+	+		++
Total No. of Species Recorded							18	1	25	15	11	10	24	21	16	42

Notes:

(1) Agriculture, Fisheries and Conservation Department (AFCD) (2022). Hong Kong Biodiversity Information Hub.

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

(3) Fellowes, J.R., Lau, M.W.N., Dudgeon, D., Reels, G.T., Ades, G.W.J., Carey, G.J., Chan, B.P.L., Kendrick, R.C., Lee, K.S., Leven, M.R., Wilson, K.D.P. & Yu, Y.T. (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; PRC=Potential Regional Concern; RC=Regional Concern; PGC=Potential Global Concern; GC=Global 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 State Forestry Administration and Ministry of Agriculture on 14 January, 1989).

(5) International Union for the Conservation of Nature (IUCN) (2022). IUCN Red List of Threatened Species. Version 2022.2.

(6) Species no longer considered as of conservation importance due to status being widely distributed in Hong Kong.

Abbreviation for Habitats: WRCW=Westrail Compensatory Wetland; PO=Pond; WC=Watercourse; DAL=Dry Agricultural Land; MWL=Mixed Woodland; PL=Plantation; SL=Shrubland; GL=Grassland; VO=Village/Orchard; DA=Developed Area/Wasteland

Species of conservation importance is in bold type face.

Code of Abundance: +=Rare; ++=Occasional; +++=Common; ++++=Abundant; +++++=Dominant

10.3b Odonate Species Recorded in the Kam Sheung Road/Pat Heung Assessment Area

Common Name	Scientific Name	Distribution in Hong Kong ⁽¹⁾	Level of Concern ⁽²⁾	Protection Status in China ⁽³⁾	IUCN Red List (Version 2022.2) ⁽⁴⁾	IUCN Priority Species for Conservation ⁽⁵⁾	WRCW	PO	WC	DAL	PL	SL	GL	VO	DA
Orange-tailed Midget	<i>Agriocnemis femina oryzae</i>	Widely distributed in disused paddy fields, marshes, ditches and weedy ponds margins; Scattered	-	-	Least Concern	-	+		+						
Wandering Midget	<i>Agriocnemis pygmaea</i>	Widely distributed in marshes, abandoned paddy fields and weedy pond margins throughout Hong Kong; Sparse	-	-	Least Concern	-	+								
Orange-tailed Sprite	<i>Ceriatrion auranticum ryukyuanum</i>	Widely distributed in weedy ponds, marshes, abandoned fields or grasslands adjacent to waters; Very Widespread	-	-	Least Concern	-									
Common Bluetail	<i>Ischnura senegalensis</i>	Widely distributed in all wetland habitats except fast flowing rivers throughout Hong Kong; Scattered	-	-	Least Concern	-			+						
Yellow Featherlegs	<i>Copera marginipes</i>	Widely distributed in lowland streams, ditches, and weedy margins of pond throughout Hong Kong; Widespread	-	-	Least Concern	-			+						
Black Threadtail	<i>Prodasineura autumnalis</i>	Often perches on the plants near streams. Widely distributed in streams throughout Hong Kong; Widespread	-	-	Least Concern	-			+						
Common Flangetail	<i>Ictinogomphus pertinax</i>	Widely distributed in ponds and still water throughout Hong Kong; Widespread	-	-	Least Concern	-	+								
Asian Amberwing	<i>Brachythemis contaminata</i>	Widely distributed in weedy ponds and sluggish streams; Scattered	-	-	Least Concern	-			+						
Crimson Darter	<i>Crocothemis servilia servilia</i>	Widely distributed in cultivated areas, ponds and marshes throughout the New Territories; Scattered	-	-	Least Concern	-	+		+						
Russet Percher	<i>Neurothemis fulvia</i>	Found in marshes, cultivated areas, streams, tanks and irrigation feeders, sometimes even found in nearly dried out marshy areas. Widely distributed throughout Hong Kong; Widespread	-	-	Least Concern	-	+						+		+
Pied Percher	<i>Neurothemis tullia tullia</i>	Favours marshes and abandoned rice paddies. Widely distributed throughout Hong Kong; Widespread	-	-	Least Concern	-									
Red-faced Skimmer	<i>Orthetrum chrysis</i>	Widely distributed in pools and marshy areas adjacent to flowing streams throughout Hong Kong; Very Widespread	-	-	Least Concern	-			+						
Common Blue Skimmer	<i>Orthetrum glaucum</i>	Widely distributed in streams, conduits, drainage channels, seepages and road gutters throughout Hong Kong; Very Widespread	-	-	Least Concern	-						+			+
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	Widely distributed in slow streams, ponds, rain puddles and irrigation conduits; Widespread	-	-	Least Concern	-	+		++			+	+		+
Green Skimmer	<i>Orthetrum serapia</i>	Widely distributed in all wetland habitats throughout Hong Kong; Widespread	-	-	Least Concern	-	+		+	+			+		+
Wandering Glider	<i>Pantala flavescens</i>	Widely distributed all over Hong Kong; Widespread	-	-	Least Concern	-		+	++++	++++	++	+	+++	++	++++
Pied Skimmer	<i>Pseudothemis zonata</i>	Widely distributed in woodlands adjacent to reservoirs, sluggish streams, ponds, tanks and marshes throughout Hong Kong; Very Widespread	-	-	Least Concern	-	+					+			+
Variagated Flutterer	<i>Rhyothemis variegata arria</i>	Widely distributed in marshes, ponds and tanks throughout Hong Kong; Widespread	-	-	Least Concern	-	+					+			
Evening Skimmer	<i>Tholymis tillarga</i>	Widely distributed in marshes, weedy ponds and tanks throughout Hong Kong; Scattered	-	-	Least Concern	-			+					+	

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Saddlebag Glider	<i>Tramea virginia</i>	Widely distributed in trees adjacent to ponds and lakes throughout Hong Kong; Widespread	-	-	Least Concern	-			+						+
Crimson Dropwing	<i>Trithemis aurora</i>	Found in marshes, ponds, streams, and/or even ornamental ponds in urban areas. Widely distributed throughout Hong Kong; Very Widespread	-	-	Least Concern	-	+								
Indigo Dropwing	<i>Trithemis festiva</i>	Favours sluggish sections of streams with a strong current or the small rock pools in mountain streams. Widespread in Hong Kong; Widespread	-	-	Least Concern	-	+		+				+		
Total No. of Species Recorded							11	1	13	2	1	5	5	2	7

Notes:

(1)(a) Agriculture, Fisheries and Conservation Department (AFCD) (2022). Hong Kong Biodiversity Information Hub.

(b) Reels, G.T. (2019). An Annotated Check List of Hong Kong Dragonflies and Assessment of Their Local Conservation Significance. Faunistic Studies in South-east Asian and Pacific Island Odonata. Journal of the International Dragonfly Fund 30:1-49.

(2) Fellowes, J.R., Lau, M.W.N., Dudgeon, D., Reels, G.T., Ades, G.W.J., Carey, G.J., Chan, B.P.L., Kendrick, R.C., Lee, K.S., Leven, M.R., Wilson, K.D.P. & Yu, Y.T. (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; PRC=Potential Regional Concern; RC=Regional Concern; PGC=Potential Global Concern; GC=Global 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.

(3) List of Wild Animals Under State Protection (promulgated by State Forestry Administration and Ministry of Agriculture on 14 January, 1989).

(4) International Union for the Conservation of Nature (IUCN) (2022). IUCN Red List of Threatened Species. Version 2022.2.

(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: WRCW=Westrail Compensatory Wetland; PO=Pond; WC=Watercourse; DAL=Dry Agricultural Land; PL=Plantation; SL=Shrubland; GL=Grassland; VO=Village/Orchard; DA=Developed Area/Wasteland

Species of conservation importance is in bold type face.

Code of Abundance: +=Rare; +=Occasional; +++=Common; ++++=Abundant; ++++=Dominant

10.3b Herpetofauna Species Recorded in the Kam Sheung Road/Pat Heung Assessment Area

Common Name	Scientific Name	Distribution in Hong Kong ⁽³⁾	Level of Concern ⁽⁴⁾	Protection Status in China ⁽⁵⁾	China Red Data Book ⁽⁶⁾	Red List of China's Vertebrates ⁽⁷⁾	IUCN Red List (Version 2022.2) ⁽⁸⁾	WRCW	WC	SL	GL	DA
Amphibian												
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	Widely distributed in Hong Kong	-	-	-	-	Least Concern		+		+	++
Butler's Pygmy Frog	<i>Microhyla butleri</i>	Widely distributed in Hong Kong	-	-	-	-	Least Concern	+				
Ornate Pygmy Frog	<i>Microhyla fissipes</i>	Widely distributed in Hong Kong	-	-	-	-	Least Concern	+++++				
Paddy Frog	<i>Fejervarya limnocharis</i>	Widely distributed throughout Hong Kong	-	-	-	-	Least Concern		+			
Gunther's Frog	<i>Sylvirana guentheri</i>	Widely distributed throughout Hong Kong	-	-	-	-	Least Concern	+	+			+
Greenhouse Frog	<i>Eleutherodactylus planirostris</i>	Widely distributed throughout Hong Kong	-	-	-	-	Least Concern	+				
Brown Tree Frog	<i>Polypedates megacephalus</i>	Widely distributed throughout Hong Kong	-	-	-	-	Least Concern	++	+		+	+
Total No. of Species Recorded								5	4	0	2	3
Reptile												
Red-eared Slider	<i>Trachemys scripta elegans</i>	Widely distributed and commonly found in reservoirs or ponds in urban parks	-	-	-	-	Least Concern	+				
Chinese Gecko	<i>Gekko chinensis</i>	Widely distributed throughout Hong Kong	-	-	-	Least Concern	Least Concern		+	+		+++
Bowring's Gecko	<i>Hemidactylus bowringii</i>	Distributed throughout Hong Kong	-	-	-	Least Concern	Least Concern			+		++
Brook's Gecko	<i>Hemidactylus brookii</i>	Distributed in buildings in the western district on Hong Kong Island and Northern New Territories	-	-	-	Least Concern	Least Concern					+
House Gecko	<i>Hemidactylus frenatus</i>	Recorded in Hong Kong Island	-	-	-	-	Least Concern					+
Changeable Lizard	<i>Calotes versicolor</i>	Widely distributed throughout Hong Kong.	-	-	-	Least Concern	Least Concern			+		+
Grass Lizard	<i>Takydromus sexlineatus ocellatus</i>	Distributed in grassland and woodland throughout Hong Kong	-	-	-	Least Concern	Least Concern				+	
Long-tailed Skink	<i>Eutropis longicaudata</i>	Widely distributed throughout Hong Kong	-	-	-	Least Concern	Least Concern			+		+
Total No. of Species Recorded								1	1	4	1	6

Notes:

(1) Agriculture, Fisheries and Conservation Department (AFCD) (2022). Hong Kong Biodiversity Information Hub.

(2) Fellowes, J.R., Lau, M.W.N., Dudgeon, D., Reels, G.T., Ades, G.W.J., Carey, G.J., Chan, B.P.L., Kendrick, R.C., Lee, K.S., Leven, M.R., Wilson, K.D.P. & Yu, Y.T. (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; PRC=Potential Regional Concern; RC=Regional Concern; PGC=Potential Global Concern; GC=Global Concern.

(3) List of Wild Animals Under State Protection (promulgated by State Forestry Administration and Ministry of Agriculture on 14 January, 1989).

(4) Zhao, E.M. (1998). China Red Data Book of Endangered Animals. Amphibia and Reptilia. First Edition. Beijing: Science Press.

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

(6) International Union for the Conservation of Nature (IUCN) (2022). IUCN Red List of Threatened Species. Version 2022.2.

Abbreviation for Habitats: WRCW=Westrail Compensatory Wetland; WC=Watercourse; SL=Shrubland; GL=Grassland; DA=Developed Area/Wasteland

Species of conservation importance is in bold type face.

Code of Abundance: +=Rare; ++=Occasional; +++=Common; ++++=Abundant; +++++=Dominant

10.3b Mammal Species Recorded within the Kam Sheung Road/Pat Heung Assessment Area

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 (Version 2022.2) ⁽⁷⁾	WRCW	WC	PL	SL	GL	VO	DA
Himalayan Leaf-nosed Bat ⁽¹⁾	<i>Hipposideros armiger</i>	Widely distributed in countryside areas throughout Hong Kong	(LC)	-	-	Least Concern	Least Concern							+
Chinese Noctule ⁽¹⁾	<i>Nyctalus plancyi</i>	Fairly widely distributed in countryside areas throughout Hong Kong	PRC, (RC)	-	-	Least Concern	Least Concern	+						++
Japanese Pipistrelle ⁽¹⁾	<i>Pipistrellus abramus</i>	Widely distributed throughout Hong Kong	-	-	-	Least Concern	Least Concern	+	++	+			+	++++
Unknown Vespertilionidae species 1 ⁽¹⁾	-	-	-	-	-	-	-		+		+		+	+++
Unknown Vespertilionidae species 2 ⁽¹⁾	-	-	-	-	-	-	-		+				+	++
Lesser Bamboo Bat ⁽¹⁾	<i>Tylonycteris fulvida</i>	Fairly widely distributed in countryside areas throughout Hong Kong	(LC)	-	Rare	Least Concern	Least Concern							++
Pallas's Squirrel ⁽¹⁾	<i>Callosciurus erythraeus</i>	Fairly widely distributed, with the styani subspecies found in the New Territories (e.g. Tai Lam, Shing Mun and Tai Po Kau), and the thai subspecies found on the Hong Kong Island (e.g. Tai Tam and Pok Fu Lam)	-	-	-	Least Concern	Least Concern	+					+	+
Eurasian Wild Pig	<i>Sus scrofa</i>	Very widely distributed in countryside areas throughout Hong Kong	-	-	-	Least Concern	Least Concern					+		+
Total No. of Species Recorded								3	3	1	1	1	4	8

Notes:

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

(2) Agriculture, Fisheries and Conservation Department (AFCD) (2022). Hong Kong Biodiversity Information Hub.

(3) Fellowes, J.R., Lau, M.W.N., Dudgeon, D., Reels, G.T., Ades, G.W.J., Carey, G.J., Chan, B.P.L., Kendrick, R.C., Lee, K.S., Leven, M.R., Wilson, K.D.P. & Yu, Y.T. (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; PRC=Potential Regional Concern; RC=Regional Concern; PGC=Potential Global Concern; GC=Global 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 State Forestry Administration and Ministry of Agriculture on 14 January, 1989).

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

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

(7) International Union for the Conservation of Nature (IUCN) (2022). IUCN Red List of Threatened Species. Version 2022.2.

Abbreviation for Habitats: WRCW=Westrail Compensatory Wetland; WC=Watercourse; DAL=Dry Agricultural Land; PL=Plantation; SL=Shrubland; GL=Grassland; VO=Village/Orchard; DA=Developed Area/Wasteland

Species of conservation importance is in bold type face.

Code of Abundance: +=Rare; ++=Occasional; +++=Common; ++++=Abundant; +++++=Dominant