

10.3g Avifauna Species Recorded within the Tai Shu Ha Assessment 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⁾	MA	PO	WC	DAL	MWL	PL	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 Koel	<i>Eudynamis 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							+	+	++	
Besra ⁽²⁾	<i>Accipiter virgatus</i>	Common resident and migrant. Found in Tai Po Kau, Deep Bay area, Chek Lap Kok, Cheung Chau, Soko Islands.	R	-	Class II	-	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-throated Laughingthrush	<i>Pterorhinus chinensis</i>	Common resident. Widely distributed in woodland and shrubland throughout Hong Kong.	R	-	-	-	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						+				
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern						+	+			
Chinese Francolin	<i>Francolinus pintadeanus</i>	Common resident. Widely distributed in grassland throughout Hong Kong.	R	-	-	-	Near Threatened	Least Concern							+			
Chinese Grosbeak	<i>Eophona migratoria</i>	Common winter visitor. Found in Kam Tin, Nam Chung, Shek Kong, Deep Bay area, Ho Chung, Lam Tsuen, Hok Tau, Island House and Kowloon Park.	M	LC	-	-	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 Scops Owl ⁽²⁾	<i>Otus lettia</i>	Common resident. Widely distributed in shrubland throughout Hong Kong.	R	-	Class II	-	Least Concern	Least Concern						+				
Common Kingfisher ⁽¹⁰⁾	<i>Alcedo atthis</i>	Common passage migrant and winter visitor. Widely distributed in wetland habitat throughout Hong Kong.	AM,P	-	-	-	Least Concern	Least Concern		+								
Common Tailorbird	<i>Orthotomus sutorius</i>	Common 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						+			+	
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								+		
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 Swift	<i>Apus nipalensis</i>	Abundant spring migrant and common resident. Widely distributed in Hong Kong.	R,SpM	-	-	-	Least Concern	Least Concern										+
Indian Cuckoo	<i>Cuculus micropterus</i>	Locally common spring and summer visitor. Widely distributed in Hong Kong.	Su	-	-	-	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 sparverioides</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							+	+		+
Long-tailed Shrike	<i>Lanius schach</i>	Common resident. Widely distributed in open areas throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern							+			
Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	Abundant resident. Widely distributed in shrubland throughout Hong Kong.	R	-	-	-	Least Concern	Least Concern	+	+		+	+	+	+			

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⁾	MA	PO	WC	DAL	MWL	PL	GL	VO	DA	IF
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		+				+	+	+	+	
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				+						
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Abundant resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern	+		+	+	+	+++	++	+	+	
Rufous-capped Babbler	<i>Cyanoderma ruficeps</i>	Common resident. Found in Shing Mun, Tai Po Kau, Tai Mek Tuk, Ng Tung Chai, Fo Tan, Tai Mo Shan, The Peak, Kadoorie Agricultural Research Centre.	R	LC	-	-	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							+			
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-rumped Munia	<i>Lonchura striata</i>	Common resident. Widely distributed in Hong Kong.	R	-	-	-	Least Concern	Least Concern						+				
White's Thrush	<i>Zoothera aurea</i>	Uncommon winter visitor and migrant. Widely distributed in woodland throughout Hong Kong.	W	-	-	-	Least Concern	Least Concern						+				
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 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									4	6	2	5	8	26	14	12	13	3

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.V.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: MA=Marsh/Reed; PO=Pond; WC=Watercourse; DAL=Dry Agricultural Land; MWL=Mixed Woodland; PL=Plantation; 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

10.3g Butterfly Species Recorded within the Tai Shu Ha Assessment Area

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⁾	MA	PO	WC	SWG	DAL	MWL	PL	GL	VO	DA
Chinese Dart	<i>Potanthus confucius</i>	Widely distributed throughout Hong Kong	Uncommon	-	-	-				+						
Formosan Swift	<i>Borbo cinnara</i>	Widely distributed throughout Hong Kong	Common	-	-	-			+				+	+		
Common Bluebottle	<i>Graphium sarpedon</i>	Widely distributed throughout Hong Kong	Very common	-	-	-							+			
Common Jay	<i>Graphium doson</i>	Widely distributed throughout Hong Kong	Common	-	-	-	+									
Tailed Jay	<i>Graphium agamemnon</i>	Widely distributed throughout Hong Kong	Common	-	-	-									+	+
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	-	-	-		+	+			+	++	++	+	++
Great Mormon	<i>Papilio memnon</i>	Widely distributed throughout Hong Kong	Very common	-	-	-			+				++	++	+	
Spangle	<i>Papilio protenor</i>	Widely distributed throughout Hong Kong	Very common	-	-	-			+				+		+	+
Paris Peacock	<i>Papilio paris</i>	Widely distributed throughout Hong Kong	Very common	-	-	-			+					+		+
Indian Cabbage White	<i>Pieris canidia</i>	Widely distributed throughout Hong Kong	Very common	-	-	-								+	+	
Lemon Emigrant	<i>Catopsilia pomona</i>	Widely distributed throughout Hong Kong	Common	-	-	-									+	
-	<i>Catopsilia spp.</i>	-	-	-	-	-										+
Common Grass Yellow	<i>Eurema hecabe</i>	Widely distributed throughout Hong Kong	Very common	-	-	-								+	+	++
-	<i>Eurema spp.</i>	-	-	-	-	-	+	+						+++	+	+++
Chocolate Royal	<i>Remelana jangala</i>	Widely distributed throughout Hong Kong	Common	-	-	-									+	
Green Flash	<i>Artipe eryx</i>	Widely distributed throughout Hong Kong	Uncommon	-	-	Least Concern				+						
Dark Cerulean	<i>Jamides bochos</i>	Widely distributed throughout Hong Kong	Common	-	-	-										+
Metallic Cerulean	<i>Jamides alecto</i>	Victoria Peak, Fung Yuen, Chuen Lung, Mui Wo	Very rare	-	-	-								+		
Long-tailed Blue	<i>Lampides boeticus</i>	Widely distributed throughout Hong Kong	Common	-	-	-								++		
Pale Grass Blue	<i>Pseudozizeeria maha</i>	Widely distributed throughout Hong Kong	Very common	-	-	-	+		+		+				+	+
Lesser Grass Blue	<i>Zizina otis</i>	Widely distributed throughout Hong Kong	Common	-	-	Least Concern							+			
Gram Blue	<i>Euchrysops cnejus</i>	Widely distributed throughout Hong Kong	Uncommon	-	-	-								+	+	+
Tiny Grass Blue	<i>Zizula hylax</i>	Lung Kwu Tan, Fung Yuen, Sha Lo Wan	Very rare; Species of conservation concern	-	-	Least Concern							+			
Tailless Line Blue	<i>Prosotas dubiosa</i>	North Lantau Island	-	-	-	-		+		+				+		
Plum Judy	<i>Abisara echerius</i>	Widely distributed throughout Hong Kong	Very common	-	-	-			+		+		+			
Dark Evening Brown	<i>Melanitis phedima</i>	Widely distributed throughout Hong Kong	Uncommon	-	-	-				+			+			
Banded Tree Brown	<i>Lethe confusa</i>	Widely distributed throughout Hong Kong	Common	-	-	-			+				+			
Dark-brand Bush Brown	<i>Mycalasis mineus</i>	Widely distributed throughout Hong Kong	Very common	-	-	-							+	+	+	+
Common Five-ring	<i>Ypthima baldus</i>	Widely distributed throughout Hong Kong	Very common	-	-	-	+						++	+		+
Large Faun	<i>Faunis eumeus</i>	Widely distributed throughout Hong Kong	Common	-	-	-										+
Angled Castor	<i>Ariadne ariadne</i>	Widely distributed throughout Hong Kong	Common	-	-	-	+							+		+
Rustic	<i>Cupha erymanthis</i>	Widely distributed throughout Hong Kong	Very common	-	-	-										+
Great Eggfly	<i>Hypolimnas bolina</i>	Widely distributed throughout Hong Kong	Common	-	-	-							+		+	+
Common Sailer	<i>Neptis hylax</i>	Widely distributed throughout Hong Kong	Very common	-	-	-			+					+	+	+
Staff Sergeant	<i>Athyma selenophora</i>	Widely distributed throughout Hong Kong	Common	-	-	-										+
Five-dot Sergeant	<i>Parathyma sulphita</i>	Widely distributed throughout Hong Kong	Common	-	-	-							+			
Common Archduke	<i>Lexias pardalis</i>	Widely distributed throughout Hong Kong	Unknown; First recorded in 2008, monitoring underway	-	-	-										+
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	-	-	-							+	+		
Common Indian Crow	<i>Euploea core</i>	Widely distributed throughout Hong Kong	Common	-	-	Least Concern							+	+		
Total No. of Species Recorded							5	3	9	4	2	1	19	17	14	19

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

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 Species of conservation importance is in bold type face.
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10.3g Odonate Species Recorded within the Tai Shu Ha 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⁾	MA	PO	WC	SWG	DAL	PL	GL	VO	DA
Black-banded Gossamerwing	<i>Euphaea decorata</i>	Widely distributed in all streams of Hong Kong; Very Widespread	-	-	Least Concern	-			+						
Orange-tailed Sprite	<i>Ceragrion auranticum ryukyuanum</i>	Widely distributed in weedy ponds, marshes, abandoned fields or grasslands adjacent to waters; Very Widespread	-	-	Least Concern	-		+							
Ferruginous-faced Sprite	<i>Pseudagrion pruinatum fraseri</i>	Found in lowland streams with dense vegetation; can tolerate mildly organically polluted streams. Found mainly in the North New Territories; Scattered	-	-	-	-			+						
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	-			+						
Pale-spotted Emperor	<i>Anax guttatus</i>	Widely distributed in ponds and sluggish streams throughout Hong Kong; Scattered	-	-	Least Concern	-		++							
Common Flangetail	<i>Ictinogomphus pertinax</i>	Widely distributed in ponds and still water throughout Hong Kong; Widespread	-	-	Least Concern	-		++							
Giant Hooktail	<i>Megalogomphus sommeri</i>	Found in clean, shaded, and fast-flowing sandy streams in woodlands. Mainly occurs in the central and northeast New Territories; Scattered	LC	-	Least Concern	-			+						
Golden Flangetail	<i>Sinictinogomphus clavatus</i>	Found in still water, such as ponds and reservoirs. Recorded in Au Tau, Ho Pui, Kai Kuk Shue Ha, Long Valley, Luk Keng, Nam Chung, Ping Yeung, Sha Po Tsuen, Tai Tong and Hong Kong Wetland Park.; Scattered	-	-	Least Concern	-		+							
Asian Pintail	<i>Acisoma panorpoides panorpoides</i>	Widely distributed in marshes and weedy ponds throughout Hong Kong; Widespread	-	-	Least Concern	-				+					+
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	Widely distributed in marshes and weedy ponds 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	-	++	++	+	+			+		
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 pruinatum 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	-		+++				++++	++		+
Variiegated Flutterer	<i>Rhyothemis variegata arria</i>	Widely distributed in marshes, ponds and tanks throughout Hong Kong; Widespread	-	-	Least Concern	-	++	+							
Saddlebag Glider	<i>Tamea virginia</i>	Widely distributed in trees adjacent to ponds and lakes throughout Hong Kong; Widespread	-	-	Least Concern	-		+							

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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 of mountain streams. Widespread in Hong Kong; Widespread	-	-	Least Concern	-			+						
Scarlet Basker	<i>Urothemis signata signata</i>	Common in areas with abandoned fish ponds throughout Hong Kong; Scattered	LC	-	Least Concern	-		+							
Dingy Dusk-darter	<i>Zyxomma petiolatum</i>	Widely distributed in thick undergrowth, tree foliage and shady spots near water courses throughout Hong Kong; Scattered	-	-	Least Concern	-				+					
Total No. of Species Recorded							3	15	10	4	2	2	3	2	4

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: MA=Marsh/Reed; PO=Pond; WC=Watercourse; SWG=Seasonally Wet Grassland; DAL=Dry Agricultural Land; PL=Plantation; 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

10.3g Herpetofauna Species Recorded within the Tai Shu Ha 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⁾	MA	PO	WC	SWG	DAL	PL	GL	DA
Amphibian															
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	Widely distributed in Hong Kong	-	-	-	-	Least Concern			+			++		++
Short-legged Toad	<i>Megophrys brachykolos</i>	Widely distributed in upland forest streams throughout Hong Kong	PGC	-	-	Vulnerable	Endangered						+		
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</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			+	+		+		++
Lesser Spiny Frog	<i>Quasipaa exilispinosa</i>	Widely distributed in upland forest streams throughout Hong Kong	PGC	-	-	Vulnerable	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								3	2	5	1	5	8	2	7
Reptile															
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				+	+		+
Garnot's Gecko	<i>Hemidactylus garnotii</i>	Distributed in Lantau Island, Hong Kong Island and Eastern New Territories	-	-	-	-	Least Concern	Least Concern					+		+
Total No. of Species Recorded								0	0	0	0	1	3	0	3

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.

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Species of conservation importance is in bold type face.

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

10.3g Mammal Species Recorded within the Tai Shu Ha 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⁾	SWG	MWL	PL	VO	DA
Least Horseshoe Bat ⁽¹⁾	<i>Rhinolophus pusillus</i>	Widely distributed in countryside areas throughout Hong Kong	PRC, (RC)	-	-	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			+		+
Unknown Myotis Species ⁽¹⁾	<i>Myotis spp.</i>	-	-	-	-	-	-					+
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		+	+	+	
East Asian Porcupine ⁽¹⁾	<i>Hystrix brachyura</i>	Very widely distributed in countryside areas throughout Hong Kong, except for Lantau Island	PGC	-	-	Least Concern	Least Concern			+		
Small Indian Civet ⁽¹⁾	<i>Viverricula indica</i>	Very widely distributed in countryside areas throughout Hong Kong, except for Lantau Island	-	Class II	-	Vulnerable	Least Concern			+		
Eurasian Wild Pig	<i>Sus scrofa</i>	Very widely distributed in countryside areas throughout Hong Kong	-	-	-	Least Concern	Least Concern	+		+		
Red Muntjac	<i>Muntiacus muntjak</i>	Very widely distributed in countryside areas throughout Hong Kong	PRC	-	-	Near Threatened	Least Concern			+		
Total No. of Species Recorded								2	1	12	1	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*.

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