

Appendix 8.3e: Mammal Species Recorded within the 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 2021.1) ⁽⁸⁾	Project Site				500m Assessment Area													
								DA/WL	SL	D. AGL	MWC	DA/WL	GL/SL	SL	OR	MWL	PLT	WL	D.AGL	W.AGL	Marsh	MWC	NWC	Pond	MPond
Chinese Noctule ⁽¹⁾	<i>Nyctalus plancyi</i>	Common	PRC, (RC)	-	-	Least Concern	Least Concern					+							+		+				
Japanese Pipistrelle ⁽¹⁾	<i>Pipistrellus abramus</i>	Very Common	-	-	-	Least Concern	Least Concern					++		+					+			+			
Unknown Vespertilionidae Species 1 ⁽¹⁾	<i>Vespertilionidae sp.1</i>	Uncommon	-	-	-	Near Threatened	Least Concern					+													
Unknown Vespertilionidae Species 2 ⁽¹⁾	<i>Vespertilionidae sp.2</i>	Rare; Species of Conservation Concern	(LC)	-	-	Near Threatened	Least Concern					+													+
Lesser Bamboo Bat ⁽¹⁾	<i>Tylonycteris fulvida</i>	Very Common	(LC)	-	Rare	Least Concern	Least Concern					+				+									

Notes:

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

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

(3) Agriculture, Fisheries and Conservation Department (AFCD) (2021). Hong Kong Biodiversity Database.

(4) 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.

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

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

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

(8) International Union for the Conservation of Nature (IUCN) (2021). IUCN Red List of Threatened Species. Version 2021.1.

Species of conservation importance is in bold type face.

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

Actual habitats where the bat species were recorded could not be accurately ascribed given the low light levels during surveys as well as the high mobility and propensity for bats to use interface habitats.

Habitats are abbreviated as follows: DA/WL = Developed Area/Wasteland, GL/SL = Grassland/Shrubland, SL = Shrubland, OR = Orchard, MWL = Mixed Woodland, PLT = Plantation, WL = Woodland, D.AGL = Dry Agricultural Land, W.AGL = Wet Agricultural Land, MWC = Modified Watercourse, NWC = Natural Watercourse, M.Pond = Mitigation Pond