

Appendix 8.3d: Herpetofauna Species Recorded within the Assessment Area

Common Name	Scientific Name	Distribution in Hong Kong <sup>(1)</sup>	Level of Concern <sup>(2)</sup>	Protection Status in China <sup>(3)</sup>	China Red Data Book <sup>(4)</sup>	Red List of China's Vertebrates <sup>(5)</sup>	IUCN Red List (Version 2021.1) <sup>(6)</sup>	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	
<b>Amphibians</b>																										
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	Widely distributed	-	-	-	-	Least Concern					+														
Paddy Frog	<i>Fejervarya limnocharis</i>	Widely distributed	-	-	-	-	Least Concern					+														
Gunther's Frog	<i>Hylarana guentheri</i>	Widely distributed	-	-	-	-	Least Concern					+					+		+		+	+	+			
Brown Tree Frog	<i>Polypedates megacephalus</i>	Widely distributed	-	-	-	-	Least Concern					+					+									
<b>Reptiles</b>																										
Chinese Gecko	<i>Gekko chinensis</i>	Very common and widely distributed	-	-	-	-	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	-	-	-	-	Least Concern	-	+				+													
Long-tailed Skink	<i>Eutropis longicaudata</i>	Widely distributed	-	-	-	-	Least Concern	Least Concern					+													

Notes:

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

(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) (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

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