Appendix 9.8

Herpetofauna Species Recorded within the Assessment Area

Appendix s		Tierpetolaalia o	pecies Recorded	Protection or	Ab	unda	nce ii	n each	habit	at wit	hin th	ne Pro	oject			^ hunda	nco i	n each l	aabitat	within	the as	coccr	mont :	aroa	
Number	Common name	Scientific name	Distribution in Hong Kong ¹	conservation status 234567	foc	otprin	t D		T			S/	100				D	FS	I	Т					1 10/
				Status 204007	B S	С	Α	MW	IH	Р	S	S/ G	W	AL	B	С	Α	W	IH	MW	Р	R	S	S/G	W
Amphibia 1	n Asian Common Toad	Duttaphrynus melanostictus	Widely distributed in Hong Kong.	-			2			3				4		35	30			27	12	10		22	12
2	Spotted Narrow- mouthed Frog	Kalophrynus interlineatus	Widely distributed from low to moderate altitudes in northern and central New Territories.	Red List of China's Vertebrates: NT																5					
3	Asiatic Painted Frog	Kaloula pulchra	Widely distributed in Hong Kong.	-			1			1				11		5	35			9	9			7	
4	Butler's Pigmy Frog	Microhyla butleri	Widely distributed in Hong Kong.	-										23		5				10					11
5	Ornate Pigmy Frog	Microhyla fissipes	Widely distributed in Hong Kong.	-										35		150	41			8					
6	Marbled Pigmy Frog	Microhyla pulchra	Widely distributed in Hong Kong.	-										1		202				11	1				
7	Hong Kong Cascade Frog	Amolops hongkongensis	Widely distributed in mountain streams in Hong Kong, except Lantau Island.	Fellowes et al. (2002): PGC IUCN Red List of Threatened Species (2023): EN Cap. 170 Red List of China's Vertebrates: EN List of Wild Animals under State Priority Conservation : Class 2				2								1				2				3	10
8	Paddy Frog	Fejervarya limnocharis	Widely distributed throughout	-			1						5	33		73	42			10		12		9	17

	Common		Distribution in	Protection or		unda		n each	habit	at wit	thin t	he Pro	oject			Abunda	ance i	n each	habitat	within	the as	sessi	ment	area	
Number	name	Scientific name	Hong Kong ¹	conservation status 234567	B	С	D A	MW	IH	Р	s	S/ G	w	AL	B	С	D A	FS W	IH	MW	Р	R	S	S/G	W
			Hong Kong.						Г																
9	Chinese Bullfrog	Hoplobatrachu s chinensis	Widely distributed in Hong Kong.	Fellowes et al. (2002): PRC Red List of China's Vertebrates: EN List of Wild Animals under State Priority Conservation : Class 2										1		1				1		3		3	1
10	Lesser Spiny Frog	Quasipaa exilispinosa	Widely distributed in upland forest streams throughout Hong Kong.	Fellowes et al. (2002): PGC IUCN Red List of Threatened Species (2023): VU Red List of China's Vertebrates: VU		1										10	1			2				6	67
11	Green Cascade Frog	Odorrana chloronota	Widely distributed in mountain streams in Hong Kong.	-												2									
12	Gunther's Frog	Hylarana guentheri	Widely distributed throughout Hong Kong.	-										43		75	25			9	10	62		19	31
13	Brown Wood Frog	Hylarana latouchii	Distributed in woodlands in western and central New Territories.	Fellowes et al. (2002): LC												2									1
14	Two-striped Grass Frog	Hylarana taipehensis	Distributed in Sai Kung, northern New Territories. and Tai A	Fellowes et al. (2002): LC																		2			

Number	Common	Scientific name	Distribution in	Protection or conservation		undar		each	habit	at wit	hin tl	ne Pro	oject			Abunda	ınce ir	n each l	habitat	within t	he as	sessn	nent a	area	
Number	name	Scientific name	Hong Kong ¹	status 234567	BS	С	D A	MW	IH	Р	S	S/ G	W	AL	B	С	D A	FS W	IH	MW	Р	R	S	S/G	W
			Chau.															•••							
15	Romer's Tree Frog	Liuixalus romeri	Distributed in woodlands on Lantau Island, Lamma Island, Hong Kong Island and New Territories.	Fellowes et al. (2002): PGC IUCN Red List of Threatened Species: EN Cap. 170 Red List of China's Vertebrates: VU List of Wild Animals under State Priority Conservation : Class 2												10				8	2				
16	Brown Tree Frog	Polypedates megacephalus	Widely distributed throughout Hong Kong.	-			1			6				20		110	44	2		9	12 7	2		7	17
17	Greenhouse frog	Eleutherodactylu s planirostris	Widely distributed throughout Hong Kong.	-						4				6		20	12 9			21	45			127	5
Reptile	T	T	T						ı				1						_	_					
18	Changeable Lizard	Calotes versicolor	Widely distributed throughout Hong Kong.	-													1	1		4				1	
19	Red-eared Slider	Trachemys scripta	Widely distributed and commonly found in reservoirs or ponds in urban parks.	-													2								

	Common		Distribution in	Protection or		undar		each	habit	at wit	hin tl	he Pro	oject		-	Abunda	ınce ir	n each l	habitat	within t	he as	sessn	nent a	area	
Number	name	Scientific name	Hong Kong ¹	conservation status 234567	B	С	D A	MW	IH	Р	s	S/ G	w	AL	B	С	D A	FS W	IH	MW	Р	R	s	S/G	w
20	Burmese Python	Python bivittatus	Widely distributed throughout Hong Kong.	China Red Data Book: CR Fellowes et al. (2002): PRC IUCN Red List of Threatened Species (2023): VU List of Wild Animals under State Priority Conservation : Class 2 Appendix 2 of CITES Cap. 170																	1				
21	Large- spotted Cat Snake	Boiga multomaculata	Distributed in New Territories, Lantau Island and Hong Kong Island.	Cap. 586 -																				1	
22	Greater Green Snake	Cyclophiops major	Widely distributed throughout Hong Kong.	-												2									
23	Copperhea d Racer	Coelognathus radiatus	Widely distributed throughout Hong Kong.	China Red Data Book: EN Fellowes et al. (2002): PRC Red List of China's Vertebrates: EN List of Wild Animals												1									

N	Common	0-1	Distribution in	Protection or		undar		each	habit	at wit	hin tl	he Pro	oject			Abunda	ance ir	n each I	habitat	within t	the as	sessr	nent a	area	
Number	name	Scientific name	Hong Kong ¹	conservation status 234567	B	С	D A	MW	IH	Р	s	S/ G	w	AL	B	С	D A	FS W	IH	MW	Р	R	s	S/G	W
				under State Priority Conservation : Class 2																					
24	Common Wolf Snake	Lycodon aulicus Oligodon	Widely distributed at low elevations throughout Hong Kong Island, Lantau Island and Lamma Island. Several individuals recorded in New Territories. Widely distributed	Red List of China's Vertebrates: NT																1					
25	Kukri Snake	formosanus	throughout Hong Kong.	Vertebrates:																				2	
26	White- spotted Slug Snake	Pareas margaritophoru s	Distributed in woodland or shrubland throughout Hong Kong.	Red List of China's Vertebrates: NT																1					
27	Common Rat Snake	Ptyas mucosus	Widely distributed throughout Hong Kong.	China Red Data Book: EN Fellowes et al. (2002): PRC Appendix 2 of CITES Red List of China's Vertebrates: EN Cap. 586																1					

	Common		Distribution in	Protection or		unda		each	habit	at wit	hin tl	he Pro	oject			Abunda	ınce iı	n each l	nabitat	within t	he as	sessr	nent a	area	
Number	name	Scientific name	Hong Kong ¹	conservation status 234567	B	С	D A	MW	IH	Р	s	S/ G	w	AL	B	С	D A	FS W	IH	MW	Р	R	s	S/G	w
28	Red-necked Keelback	Rhabdophis subminiatus	Very common and widely distributed in Hong Kong.	-												1								1	
29	Mountain Water Snake	Sinonatrix percarinata	Distributed in streams in central New Territories (Shing Mun Country Park, Tai Po Kau Nature Reserve, Tai Lam Country Park).	Fellowes et al. (2002): LC Red List of China's Vertebrates: VU																				1	
30	Checkered Keelback	Xenochrophis flavipunctatus	Widely distributed in streams in the New Territories and Lantau Island.	-																		1			
31	Four- clawed Gecko	Gehyra mutilata	Widely distributed throughout Hong Kong.	Red List of China's Vertebrates: VU			1	1								1	6			3				1	
32	Chinese Gecko	Gekko chinensis	Widely distributed throughout Hong Kong.	-					2						5	10	27		6	16		8		8	2
33	Bowring's Gecko	Hemidactylus bowringii	Distributed throughout Hong Kong.	-												8	26		3	13	3	1		9	
34	Brook's Gecko	Hemidactylus brookii	Distributed in buildings in the western district on Hong Kong Island and Northern New Territories.	-																					1
35	Garnot's Gecko	Hemidactylus garnotii	Distributed in Lantau Island, Hong Kong Island and Eastern New Territories.	-																		1			4
36	Long-tailed Skink	Eutropis Iongicaudata	Widely distributed throughout Hong Kong.	-													2			2	1			1	

Namelan	Common	0.1	Distribution in	Protection or		ounda		each	habit	at wit	thin th	ne Pro	oject			Abunda	nce ir	each l	nabitat	within t	he as	sessr	nent a	area	
Number	name	Scientific name	Hong Kong ¹	conservation status 234567	B S		D A	MW	IH	Р	S	S/ G	w	AL	B	С	D A	FS W	IH	MW	Р	R	S	S/G	W
37	Reeve's Smooth skink	Scincella reevesii	Widely distributed in woodlands throughout Hong Kong.	-													1								
38	Indian Forest Skink	Sphenomorphu s indicus	Distributed in woodlands in eastern and central New Territories.	Fellowes et al. (2002): LC													1	1							
39	Bamboo Snake	Cryptelytrops albolabris	Very common and widespread in Hong Kong.	-												1	1				1	1			
40	Banded Krait	Bungarus fasciatus	Locally restricted in Hong Kong.	Fellowes et al. (2002): RC Red List of China's Vertebrates: EN China Red Data Book:																1					
	f herpetofauna ssessment area	species recorded i	EN thin the Project	0	1	5	2	1	4	0	0	1	10	1	22	16	3	2	23	11	11	0	18	13	
Total nui		petofauna species	n the Project		•		•	8		•		•						4	0						

Notes

- 1. Agriculture, Fisheries and Conservation Department (2022). Species Database of the Hong Kong Biodiversity Information Hub.
- 2. Convention on International Trade in Endangered Species of Wild Flora and Fauna (2022). Appendices I, II and III.
- 3. Fellowes et al. (2002). Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong.
- 4. International Union of Conservation for Nature. (2023). The IUCN Red List of Threatened Species. Version 2022-2.
- 5. Jiang et al. (2016). Red list of China's vertebrates.
- 6. National Forestry and Grassland Administration and the Ministry of Agricultural and Rural Affairs. (2021). List of Wild Animals under State Priority Conservation.
- 7. Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)
- 8. Wang et al. (1998). China Red Data Book of Endangered Animals: Amphibia and Reptilia.
- 9. Wild Animals Protection Ordinance (Cap. 170)
- Species in bold are considered of conservation importance

Abbreviations

- Habitats: AL = Agricultural Land; BS = Backshore; C = Channel; DA = Developed Area; FSW = Fung Shui Woodland; IH = Intertidal Habitat; MW = Mixed Woodland; P = Plantation; R = Reservoir; S = Sea; S/G = Shrubland/Grassland; W = Watercourse
- Protection of conservation status: CR = Critically Endangered; EN = Endangered; LC = Local Concern; NT = Near Threatened; PGC = Potential Global Concern; PRC = Potential Regional Concern; VU = Vulnerable