Appendix 9.11 Freshwater Fauna Species Recorded within the Assessment Area

Appendix 9.11		Tradita opolico iteoe	Rarity and distribution in	Protection or conservation		und Pro					oitat	withi			dance sment		eac		habita	it w	ithin	the
Number	Common name	Scientific name	Hong Kong 1234	status 5 6 7	B S	С	D A	I Z	M W	Р	S	S / V G	<i>i</i>	A B	С	D A	F S W	H	M W	R	S / G	W
Fish	1		T		I I	- 1						-		1	_							
1	-	Rhinogobius duospilus	Probably the commonest goby in Hong Kong and is widely distributed in upper and middle course of streams, sometimes occurs in lowland streams.	<del>-</del>								-	-									+
2	Flat-headed loach	Oreonectes platycephalus	It can be found in upper streams throughout Hong Kong.	-																		+++
3	Fork Tongue Goby	Glossogobius giuris	Widespread in local estuaries, lowland streams and coastal waters.	-																+		
4	Grey mullet	Mugil cephalus	Widespread in estuaries and marine environment in Hong Kong	-											+							
5	Guppy	Poecilia reticulata	Occurs in large number in many local streams and ponds.	-											+							
6	Jarbua terapon	Terapon jarbua	Widespread in estuaries and coastal regions of Hong Kong.	-											+							
7	Large Mouth Bass	Micropterus salmoides	Recorded in several reservoirs in New Territories.	-																+		
8	Marble Goby	Oxyeleotris marmorata	Reported in a reservoir in North District. Not recorded in natural stream courses. It is an aquaculture species that is available from local fish market.	-																+		

	Common		Rarity and distribution in	Protection or conservation		ound e Pro					bita	at wi	thin			lance sment a	in area	eac	h	habita	t v	vithin	in the				
Number	name	Scientific name	Hong Kong 1234	status 567	BS	С	D A	I Z	M W	Р	s	S / G	w	A L	BS	С	D A	F S W	H	M P	R	S /					
9	Mosquito fish	Gambusia affinis	Introduced as a mosquito- control agent, widespread in local freshwater bodies.	-									+			+					+						
10	Nile tilapia	Oreochromis niloticus	A widespread species occurring in most local streams, rivers and reservoirs. The fish is also cultivated in some fish farms.	-												+					+						
11	Predaceou s chub	Parazacco spilurus	A widespread species occurring in most unpolluted hill streams in both upper and lower courses.	China Red Data Book: VU												+							++				
12	Redbelly Tilapia	Coptodon zillii	Records from streams, rivers and estuaries throughout Hong Kong.	-																	+						
13	Sharpbelly	Hemiculter leucisculus	Recorded in several local reservoirs.	-																	+						
14	Snakehead murrel	Channa striata	Uncommon in the wild and is an introduced species. Records from a few streams in North District and on Lantau Island.	-		+										+											
15	Yellowfin seabream	Acanthopagrus latus	It is a popular food fish and is also a major mariculture fish in Hong Kong	-												+											
Invertebrate																-											
16	Canton Bee Shrimp	Caridina cantonensis	-	-		+							++			+							++				
17	Japanese Mitten Crab	Eriocheir japonica	-	-																			+				
18	-	Somanniathelphus a zanklon	Widely located in the northwestern as well as northeastern New Territories and Lantau Island	Fellowes et al. (2002): GC  IUCN Red List of Threatened Species (2023): EN																	+						
19	Hong Kong Freshwater Crab	Nanhaipotamon hongkongense	Widely distributed within Hong Kong; recorded throughout the New Territories, Hong Kong, Lamma and Lantau Islands	Fellowes et al. (2002): PGC												+++					+		+				
20	Stream Crab	Cryptopotamon anacoluthon	Widely distributed within Hong Kong; recorded throughout the New Territories, Hong Kong and Lantau Islands	Fellowes <i>et al.</i> (2002): PGC  IUCN Red List of Threatened Species (2023): VU												+							++				

	Common	`ommon	Rarity and distribution in	Protection or conservation	the Project footnrint assessment area													h h	the			
Number	name	Scientific name	Hong Kong 1234	status 5 6 7	B S	С	D I	Z M		s	S / G	W	A L	BS	С	D A	F S W	H /	W P	R	S / G	w
21	Freshwater Prawn	Macrobrachium vietnamense	-	-		+						+										+
22	Freshwater Snail	Sulcospira hainanensis	-	-																		++
Numbe	Number of freshwater fauna species recorded in each habitat within the Project footprint/assessment area						0 (	0	0	0	0	4	0	0	11	0	0	0 (	0 0	9	0 0	9
To	Total number of freshwater fauna species recorded within the Project footprint/assessment area						5 22									<del>-</del>	_					

## Note

- 1. Agriculture, Fisheries and Conservation Department. (2022). Species Database of the Hong Kong Biodiversity Information Hub.
- 2. Stanton & Leven (2016). Distribution, habitat utilisation and conservation status of the freshwater crab, Somanniathelphusa zanklon Ng & Dudgeon, 1992 (Crustacea: Brachyura: Gecarcinucidae) endemic to Hong Kong.
- 3. Stanton et al. (2017). Distribution of Cryptopotamon anacoluthon (Kemp, 1918) (Crustacea: Brachyura: Potamidae), a freshwater crab endemic to Hong Kong.
- 4. Stanton et al. (2018). Distribution of Nanhaipotamon hongkongense (Shen, 1940) (Crustacea: Brachyura: Potamidae), a freshwater crab endemic to Hong Kong.
- 5. Fellowes et al. (2002). Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong.
- 6. International Union of Conservation for Nature (2023). The IUCN Red List of Threatened Species. Version 2022-2.
- 7. Yue and Chen (1998). China Red Data Book of Endangered Animals: Pisces.
- 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
- Relative abundance: + = Scarce, ++ = Occasional, +++ = Abundant
- Protection or conservation status: EN = Endangered; GC = Global Concern; PGC = Potential Global Concern; VU = Vulnerable