

Appendix 7b.15- Fauna Species recorded within the Study Area at Cheung Sha

Avifauna

Common Name	Scientific Name	Distribution in HK	Level of Concern ⁽¹⁾	IUCN Red List	Shrubland	Developed Area	Watercourse	Rocky Shore
Little Egret ⁽⁴⁾	<i>Egretta garzetta</i>	Common	PRC (RC)	-			+	+ (at flight)
Pacific Reef Egret ⁽⁴⁾	<i>Egretta sacra</i>	Uncommon	(LC)	-				+
Black Kite ⁽⁴⁾	<i>Milvus migrans</i>	Common	(RC)	-	+ (at flight)			+
Spotted Dove	<i>Streptopelia chinensis</i>	Abundant	-	-	++	+++	+	
Collared Scops Owl	<i>Otus bakkamoena</i>	Common	-	-	+			
White-throated Kingfisher ⁽⁴⁾	<i>Halcyon smyrnensis</i>	Common	(LC)	-			+	
White Wagtail	<i>Motacilla alba</i>	Common	-	-		++	+	+
Olive-backed Pipit	<i>Anthus hodgsoni</i>	Common	-	-	++			
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Abundant	-	-	+++++	++	++	
Chinese Bulbul	<i>Pycnonotus sinensis</i>	Abundant	-	-	+++++	+++		
Oriental Magpie Robin	<i>Copsychus saularis</i>	Abundant	-	-		+++		
Blue Rock Thrush	<i>Monticola solitarius</i>	Uncommon	-	-	+	+		
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	Abundant	-	-	+			
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	Common	-	-		+		
Common Tailorbird	<i>Orthotomus sutorius</i>	Common	-		++	+		
Great Tit	<i>Parus major</i>	Common	-	-	++			
Japanese White-eye	<i>Zosterops japonica</i>	Abundant	-	-	++++	+		
Eurasian Tree Sparrow	<i>Passer montanus</i>	Abundant	-	-		+++		
Common Magpie	<i>Pica pica</i>	Common	-	-		++		
Large-billed Crow	<i>Corvus macrorhynchus</i>	Common	-	-	+	+		
Total Species Recorded ⁽²⁾ :					11	12	5	4
Species of Conservation Interest ⁽³⁾ :					0	0	2	2

Note:

All wild birds are Protected under Wild Animal Protection Ordinance (Cap. 170).

(1) Fellowes *et al.* (2002); RC=Regional Concern; LC=Local Concern; PRC=Potential Regional Concern.

Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting.

(2) Species at flight were not counted in the number of total species recorded.

(3) Species at flight were not counted in the number of species of conservation interest recorded.

(4) Wetland-dependent species.

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

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Common Name	Scientific name	Status in Hong Kong	Level of Concern ⁽¹⁾	IUCN Red List	Shrubland	Developed Area	Watercourse
Damselflies							
Common Blue Jewel	<i>Rhinocypha perforata perforata</i>	Abundant	-	-			+
Black-banded Gossamerwing	<i>Euphaea decorata</i>	Abundant	-	-			+
Black Threadtail	<i>Prodasineura autumnalis</i>	Abundant	-	-	+		
Dragonflies							
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	Abundant	-	-	+	+	
Wandering Glider	<i>Pantala flavescens</i>	Abundant	-	-	++		
Total Species Recorded:					3	1	2
Species of Conservation Interest:					0	0	0
Butterflies							
Papilionidae							
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	Common	-	-	+		
Common Jay	<i>Graphium doson axion</i>	Uncommon	-	-	++		
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	Common	-	-	+	+	+
Red Helen	<i>Papilio helenus helenus</i>	Common	-	-	++	+++	+
Common Mormon	<i>Papilio polytes polytes</i>	Common	-	-	+++	++	+
Great Mormon	<i>Papilio memnon agenor</i>	Common	-	-	+++	++	+++
Spangle	<i>Papilio protenor protenor</i>	Common	-	-			
Paris Peacock	<i>Papilio paris paris</i>	Common	-	-	+		
Pieridae							
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	Common	-				+
Indian Cabbage White	<i>Pieris canidia canidia</i>	Common	-			+	
Common Gull	<i>Cepora nerissa nerissa</i>	Common	-			+	
Yellow Orange Tip	<i>Ixias pyrene pyrene</i>	Uncommon	-			+	
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	Common	-		+	+++	
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	Common	-		++	+++	++
Lycaenidae							
Pale Grass Blue	<i>Zizeeria maha serica</i>	Common	-		++++		
Amathusiidae							
Large Faun	<i>Faunis eumeus eumeus</i>	Most country parks	-			+	
Nymphalidae							
Rustic	<i>Cupha erymanthis erymanthis</i>	Common	-		+		+
Grey Pansy	<i>Junonia atlites atlites</i>	Common	-				+
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	Common	-			++	+

Common Name	Scientific name	Status in Hong Kong	Level of Concern ⁽¹⁾	IUCN Red List	Shrubland	Developed Area	Watercourse
Common Sailer	<i>Neptis hylas hylas</i>	Common	-		+		++
Staff Sergeant	<i>Athyma selenophora leucophryne</i>	Common	-		+		
White-edged Blue Baron	<i>Euthalia phemius seitzi</i>	Common	-			+	
Danaidae							
Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	Common	-			+	+
Common Tiger	<i>Danaus genutia genutia</i>	Common	-		+	++	+
Blue-spotted Crow	<i>Euploea midamus midamus</i>	Common	-			+	

Total Species Recorded: 14 15 12
Species of Conservation Interest: 0 0 0

Note:

(1) Fellowes *et al.* (2002)

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

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Common Name	Scientific name	Distribution in Hong Kong	Protection Status	Level of Concern ⁽¹⁾	IUCN Red List	Shrubland	Developed Area	Watercourse
Mammals								
Domestic Ox	<i>Bos taurus</i>	Abundant	-	-	-		+++	

Total Species Recorded: 0 1 0

Species of Conservation Interest: 0 0 0

Reptiles								
Chinese Gecko	<i>Gekko chinensis</i>	Widely distributed	-	-	-	+		
Bowring's Gecko	<i>Hemidactylus bowringii</i>	Widely distributed	-	-	-	+		
Changeable Lizard	<i>Calotes versicolor</i>	Widely distributed	-	-	-		+	
Long-tailed Skink	<i>Mabuya longicaudata</i>	Widely distributed	-	-	-	+	+	
Chinese Cobra	<i>Naja atra</i>	Widely distributed	-	PRC	-		+	

Total Species Recorded: 3 3 0

Species of Conservation Interest: 0 1 0

Amphibians								
Asian Common Toad	<i>Bufo melanostictus</i>	Abundant	-	-	-	++	+	
Short-legged Toad	<i>Xenophrys brachykolos</i>	Common	-	PGC	-			+
Ornate Pigmy Frog	<i>Microhyla ornata</i>	Widely distributed	-	-	-	+		
Paddy Frog	<i>Rana limnocharis</i>	Widely distributed	-	-	-	+		
Lesser Spiny Frog	<i>Paa exilispinosa</i>	Widely distributed in mountain streams	-	PGC	-	+		

Total Species Recorded: 4 1 1

Species of Conservation Interest: 1 0 1

Note:

(1) Fellowes *et al.* (2002); PRC=Potential Regional Concern; PGC=Potential Global Concern.

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

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Freshwater Communities

Taxa	Species / Family Name	W1			W2		
		Upper	Middle	Lower	Upper	Middle	Lower
Snails	<i>Melanoides tuberculata</i> (Thiaridae)			++++	++		
Amphipods	Unidentified sp.						+
Shrimps	<i>Caridina</i> sp.	+++	+++				
	<i>Macrobrachium hainanense</i>	+	+				
Crabs	Unidentified sp.					+	+
Water mites	Eylaoidea			++			
Insects							
Heteroptera	<i>Ptilomera tigrina</i> (Gerrinae)	+++	+++	+++			
	<i>Metrocoris</i> sp. (Gerrinae)	++	++	++			
Diptera (True flies)	Chironomidae			++		++	
Odonata (Damselflies & Dragonflies)	<i>Euphaea decorata</i> (Euphaeidae)	+	+++				
Ephemeroptera (Mayflies)	<i>Ephemera spilosa</i> (Ephemeridae)	++	++				
	<i>Baetis</i> (Baetidae)	+					
	<i>Cloeon</i> (Baetidae)	+					
	<i>Procloeon</i> (Baetidae)	++	++				
	<i>Liebeliella</i> (Baetidae)		+				
	<i>Cinygmina</i> (Heptageniidae)	++	+				
Trichoptera (Caddisflies)	<i>Ganonema extensum</i> (Calamoceratidae)		+				
	<i>Chimarra</i> (Philopotamidae)	++	+++				
	Helicopsychidae	+	+				
	<i>Herbertorossia</i> (Hydropsychidae)	++	+++				
	Odontoceridae	+				++	
Plecoptera (Stoneflies)	<i>Kamimuria</i> (Perlidae)	+					
	<i>Agnatina</i> (Perlidae)	+					
Coleoptera (Beetles)	Scirtidae	+	+				
	Psephenidae	++					
Fishes	<i>Terapon jarbua</i> (Terapontidae)			+++			
	<i>Eleotris</i> sp. (Eleotridae)			+			

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

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Composition and Abundance of Organisms Recorded in Intertidal Community by Walk-through survey

Scientific Name	Distribution in HK
Cyanobacteria	
<i>Chroococcus</i> sp.	Common
<i>Kyrtuthrix maculans</i>	Common
Encrusting Algae	
<i>Hildenbrandia occidentalis</i>	Common
<i>Hildenbrandia rubra</i>	Very common
<i>Pseudovella applanata</i>	Common
Erect Algae	
<i>Corallina</i> spp.	Very common
<i>Enteromorpha</i> spp.	Common
<i>Gelidium pusillum</i>	Common
<i>Hincksia mitchelliae</i>	Common
<i>Porphyra suborbiculata</i>	Very common
<i>Pterocladia tenuis</i>	Common
<i>Ulva</i> spp.	Very common
Sea-anemones	
<i>Haliplanella lineata</i>	Common
Tube-worms	
<i>Hydroides</i> spp.	Very common
<i>Spirorbis</i> spp.	Very common
Chitons	
<i>Acanthopleura japonica</i>	Very common
Limpets	
<i>Cellana toreuma</i>	Very common
<i>Nipponacmea concinna</i>	Common
<i>Patelloida pygmaea</i>	Very common
<i>Patelloida saccharina</i>	Very common
False Limpets	
<i>Siphonaria japonica</i>	Common
<i>Siphonaria laciniosa</i>	Common
Nerites	
<i>Nerita albicilla</i>	Common
Periwinkles	
<i>Echinolittorina radiata</i>	Very common
<i>Echinolittorina trochoides</i>	Very common
<i>Echinolittorina vidua</i>	Common
<i>Littoraria articulata</i>	Common
Planaxid Snails	
<i>Planaxis sulcatus</i>	Common
Topshells	
<i>Monodonta labio</i>	Very common
<i>Monodonta neritoides</i>	Common
Whelks	
<i>Morula musiva</i>	Very common
<i>Thais luteostoma</i>	Common
Bivalves	
<i>Anomalocardia squamosa</i>	Common
<i>Barbatia virescens</i>	Common
<i>Perna viridis</i>	Common
<i>Saccostrea cucullata</i>	Very common
<i>Septifer virgatus</i>	Very common
Barnacles	
<i>Balanus amphitrite</i>	Very common

Scientific Name	Distribution in HK
<i>Balanus reticulatus</i>	Common
<i>Capitulum mitella</i>	Very common
<i>Chthamalus malayensis</i>	Very common
<i>Tetraclita japonica</i>	Very common
<i>Tetraclita squamosa</i>	Very common
Crabs	
<i>Eriphia laevimana</i>	Common
<i>Hemigrapsus sanguineus</i>	Common
Sea Slaters	
<i>Ligia exotica</i>	Common
Sea Urchins	
<i>Anthocidaris crassispina</i>	Very common
Isopod	
Isopoda	Common
Amphipod	
Amphipoda	Common
Fish	
<i>Siganus oramin</i>	Common
Nudibranch	Common
Sponge	Common
Oligochaete	Very common

