

Appendix 4.7 Fauna List

Table 1a Record of Mammal Species in Aberdeen Country Park (Shek, 2006)

Common Name	Scientific Name	Commonness	Level of Concern	Listing
Pallas's squirrel	<i>Callosciurus erythraeus</i>	Uncommon		
Chestnut Spiny Rat	<i>Niviventer fulvescens</i>	Abundant		
East Asian Porcupine	<i>Hystrix brachyura</i>	Abundant	PGC	Cap. 170
Small-toothed Ferret Badger	<i>Melogale moschata</i>	Common		Cap. 170
Masked Palm Civet	<i>Paguma larvata</i>	Common*	PRC	Cap. 170
Small Indian Civet	<i>Viverricula indica</i>	Abundant		Cap. 170
Domestic Dog	<i>Canis lupus familiaris</i>	Common		
Leopard Cat	<i>Prionailurus bengalensis</i>	Uncommon		Cap. 170, Cap. 586, CITES, CRDB (V)
Domestic Cat	<i>Felis catus</i>	Uncommon		
Eurasian Wild Pig	<i>Sus scrofa</i>	Common		
Red Muntjac	<i>Muntiacus muntjak</i>	Abundant	PRC	

Commonness and Listing: AFCD Biodiversity Database, 2009. * follows Shek, 2007

Level of Concern: PGC = Potential Global Concern, PRC = Potential Regional Concern. Fellowes et al., 2002

Table 1b Number of Individuals of Mammal Species recorded within the Study Area from June 2008 to August 2009

Common Name	Scientific Name	Commonness	Level of Concern	Listing	Location			
					ALC	CHS	NFR	WCH
Domestic Cat	<i>Felis catus</i>	Uncommon		-			1	1
Leopard Cat	<i>Prionailurus bengalensis</i>	Uncommon		Cap. 170, Cap. 586, CITES, CRDB (V)		2*	1*	
Leschenault's Rousette	<i>Rousettus leschenaulti</i>	Common	LC	Cap. 170	6			
Pallas's Squirrel	<i>Callosciurus erythraeus</i>	Uncommon		Cap. 170			3	
Short-nosed Fruit Bat	<i>Cynopterus sphinx</i>	Abundant	LC	Cap. 170, CRDB (I)	8			
Small Indian Civet	<i>Viverricula indica</i>	Abundant		Cap. 170			1*	
Total no. of species recorded:					2	1	4	1

*Record of scat

Commonness and Listing: AFCD Biodiversity Database, 2009. * follows Shek, 2007

Level of Concern: PGC = Potential Global Concern, PRC = Potential Regional Concern. Fellowes et al., 2002

CRDB: China Red Data Book. V = Vulnerable, I = Indeterminate. CITES = Convention on International Trade in Endangered Species of Wild Fauna and Flora. AFCD Biodiversity Database, 2009.

Location: ALC = Ap Lei Chau, CHS = Chung Hom Shan proposed magazine site, NFR = Nam Fung Road, WCH = Wong Chuk Hang.

Daytime survey date: 24/6/08, 3/7/08, 11/7/08, 15/7/08, 29/7/08, 5/8/08, 15/8/08 (bat survey only), 26/8/08, 1/9/08, 2/10/08, 18/11/08, 26/11/08, 9/12/08, 8/4/09, 21/5/09, 1/6/09, 21/7/09, 17/8/09

Night survey date: 30/7/08, 23/10/08, 15/6/09, 3/7/09

Table 2a Record of Breeding Bird Species in Aberdeen Country Park (Carey et al., 1998)

Common Name	Scientific Name	Level of Concern	CRDB
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)	
Black Kite	<i>Milvus migrans</i>	(RC)	
White-bellied Sea Eagle	<i>Haliaeetus leucogaster</i>	(RC)	
Crested Goshawk	<i>Accipiter trivirgatus</i>		R
Besra	<i>Accipiter virgatus</i>		
Rock Dove	<i>Columba livia</i>		
Spotted Dove	<i>Streptopelia chinensis</i>		
Large Hawk Cuckoo	<i>Hierococcyx sparveriioides</i>		
Indian Cuckoo	<i>Cuculus micropterus</i>		
Common Koel	<i>Eudynamys scolopacea</i>		
Greater Coucal	<i>Centropus sinensis</i>		V
Lesser Coucal	<i>Centropus bengalensis</i>		V
Collared Scops Owl	<i>Otus lettia</i>		
Asian Barred Owlet	<i>Glaucidium cuculoides</i>		
Pacific Swift	<i>Apus pacificus</i>	(LC)	
Little Swift	<i>Apus affinis</i>		
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)	
Eurasian Hoopoe	<i>Upupa epops</i>		
Barn Swallow	<i>Hirundo rustica</i>		
Grey Wagtail	<i>Motacilla cinerea</i>		
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>		
Chinese Bulbul	<i>Pycnonotus sinensis</i>		
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>		
Long-tailed Shrike	<i>Lanius schach</i>		
Oriental Magpie Robin	<i>Copsychus saularis</i>		
Blue Whistling Thrush	<i>Myophonus caeruleus</i>		
Streak-breasted Scimitar Babbler	<i>Pomatorhinus ruficollis</i>		
Masked Laughingthrush	<i>Garrulax perspicillatus</i>		
Black-throated Laughingthrush	<i>Garrulax chinensis</i>		
Hwamei	<i>Garrulax canorus</i>		
Yellow-bellied Prinia	<i>Prinia flaviventris</i>		
Common Tailorbird	<i>Orthotomus sutorius</i>		
Great Tit	<i>Parus major</i>		
Fork-tailed Sunbird	<i>Aethopyga christinae</i>		
Japanese White-eye	<i>Zosterops japonicus</i>		
Black-collared Starling	<i>Sturnus nigricollis</i>		
Crested Myna	<i>Acridotheres cristatellus</i>		
Black Drongo	<i>Dicrurus macrocercus</i>		
Hair-crested Drongo	<i>Dicrurus hottentottus</i>		
Blue Magpie	<i>Urocissa erythrorhyncha</i>		
Common Magpie	<i>Pica pica</i>		
Large-billed Crow	<i>Corvus macrorhynchos</i>		

Level of Concern: LC = Local Concern, RC = Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. Fellowes et al., 2002

CRDB: China Red Data Book. R = Rare, V = Vulnerable. AFCD Biodiversity Database, 2009.

Table 2b Number of Individuals of Avifauna Species recorded within the Study Area from June 2008 to August 2009

Common Name	Scientific Name	Level of Concern	Location					
			CRDB	ADM	ALC	CHS	NFR	WCH
Grey Heron	<i>Ardea cinerea</i>	PRC						7
Great Egret	<i>Egretta alba</i>	PRC(RC)						4
Intermediate Egret	<i>Egretta intermedia</i>	RC						1
Little Egret	<i>Egretta garzetta</i>	PRC(RC)			9			90
Pacific Reef Egret	<i>Egretta sacra</i>	(LC)	R			1		
Cattle Egret	<i>Bubulcus ibis</i>	(LC)					1	8
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC(RC)					2	2
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)						28
Black Kite	<i>Milvus migrans</i>	(RC)			45	24	22	11
Crested Serpent Eagle	<i>Spilornis cheela</i>	(LC)	V				2	
Crested Goshawk	<i>Accipiter trivirgatus</i>		R				3	
Common Buzzard	<i>Buteo buteo</i>				1			
Swinhoe's Snipe	<i>Gallinago megala</i>	LC				1		
Rock Dove	<i>Columba livia</i>				5			30
Spotted Dove	<i>Streptopelia chinensis</i>			3	43	6	11	24
Common Koel	<i>Eudynamys scolopacea</i>						1	2
Greater Coucal	<i>Centropus sinensis</i>		V		1	1		
Lesser Coucal	<i>Centropus bengalensis</i>		V					1
Eurasian Eagle Owl	<i>Bubo bubo</i>	RC	R			1		
Little Swift	<i>Apus affinis</i>				5			2
Common Kingfisher	<i>Alcedo atthis</i>							3
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)			1			1
Barn Swallow	<i>Hirundo rustica</i>				2			13
Grey Wagtail	<i>Motacilla cinerea</i>						1	1
White Wagtail	<i>Motacilla alba</i>					7	1	9
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>			2	65	12	33	33
Chinese Bulbul	<i>Pycnonotus sinensis</i>				20	18	24	8
Chestnut Bulbul	<i>Hypsipetes castanonotus</i>						1	
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>				27		1	
Long-tailed Shrike	<i>Lanius schach</i>						2	
Siberian Rubythroat	<i>Luscinia calliope</i>				1	1		
Oriental Magpie Robin	<i>Copsychus saularis</i>			1	16	5	7	15
Daurian Redstart	<i>Phoenicurus aureoreus</i>				1			
Blue Rock Thrush	<i>Monticola solitarius</i>					2		
Blue Whistling Thrush	<i>Myophonus caeruleus</i>				3	5	3	4
Streak-breasted Scimitar Babbler	<i>Pomatorhinus ruficollis</i>							1
Masked Laughingthrush	<i>Garrulax perspicillatus</i>				7	4		15
Greater Necklaced Laughingthrush	<i>Garrulax pectoralis</i>						4	1

Common Name	Scientific Name	Level of Concern	Location					
			CRDB	ADM	ALC	CHS	NFR	WCH
Black-throated Laughingthrush	<i>Garrulax chinensis</i>						2	1
Hwamei	<i>Garrulax canorus</i>					1	2	3
Yellow-bellied Prinia	<i>Prinia flaviventris</i>				2	13	5	
Plain Prinia	<i>Prinia inornata</i>						1	
Common Tailorbird	<i>Orthotomus sutorius</i>				2		11	5
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>					1	2	1
Narcissus Flycatcher	<i>Ficedula narcissina</i>						1	
Great Tit	<i>Parus major</i>				1	1	6	
Fork-tailed Sunbird	<i>Aethopyga christinae</i>						1	1
Japanese White-eye	<i>Zosterops japonicus</i>			1	19	2	29	27
Little Bunting	<i>Emberiza pusilla</i>					3		
Black-faced Bunting	<i>Emberiza spodocephala</i>					1		
White-rumped Munia	<i>Lonchura striata</i>						9	12
Scaly-breasted Munia	<i>Lonchura punctulata</i>				5	1	1	10
Eurasian Tree Sparrow	<i>Passer montanus</i>			20	84		15	27
Black-collared Starling	<i>Sturnus nigricollis</i>				2		19	14
White-shouldered Starling	<i>Sturnus sinensis</i>	(LC)				30		
Crested Myna	<i>Acridotheres cristatellus</i>				11	4	42	39
Black Drongo	<i>Dicrurus macrocercus</i>				2			2
Hair-crested Drongo	<i>Dicrurus hottentottus</i>						2	
Blue Magpie	<i>Urocissa erythrorhyncha</i>				3	1		14
Common Magpie	<i>Pica pica</i>				2		2	4
Large-billed Crow	<i>Corvus macrorhynchos</i>				1		13	2
Total no. of species recorded:			5	29	25	35	40	

Level of Concern: LC = Local Concern, RC = Regional Concern, PRC = Potential Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes et al. 2002)

CRDB: China Red Data Book. R = Rare; V = Vulnerable. AFCD Biodiversity Database, 2009.

Location: ADM = Admiralty, ALC = Ap Lei Chau, CHS = Chung Hom Shan proposed magazine site, NFR = Nam Fung Road, WCH = Wong Chuk Hang.

Survey date: 24/6/08, 3/7/08, 11/08, 15/7/08, 29/7/08, 5/8/08, 11/8/08, 26/8/08, 1/9/08, 25/9/08, 2/10/08, 3/11/08, 18/11/08, 26/11/08, 9/12/08, 8/4/09, 21/5/09, 1/6/09, 21/7/09, 17/8/09

Table 3 Number of Individuals of Herpetofauna Species recorded within the Study Area from June 2008 to August 2009

Common Name	Scientific Name	Commonness	Level of Concern	Listing	Location		
					ALC	NFR	WCH
Asian Common Toad	<i>Bufo melanostictus</i>	Abundant			1	59	9
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	Uncommon on Hong Kong Island				2	
Brown Tree Frog	<i>Polyedates megacephalus</i>	Widespread in Hong Kong				1	
Changeable Lizard	<i>Calotes versicolor</i>	Common				3	1
Chinese Cobra	<i>Naja atra</i>	Common	PRC	Cap 586, CRDB (V)			1
Chinese Gecko	<i>Gekko chinensis</i>	Widely distributed in Hong Kong				1	
Common Rat Snake	<i>Ptyas mucosus</i>	Common	PRC	Cap 586, CRDB (E)		2	
Gunther's Frog	<i>Rana guentheri</i>	Very widespread in Hong Kong				3	
Lesser Spiny Frog	<i>Rana exilispinosa</i>	Very Common				3	
Long-tailed Skink	<i>Mabuya longicaudata</i>	Quite widespread in Hong Kong			2	5	
Red-eared Slider	<i>Trachemys scripta elegans</i>	Occasionally found in slow-flowing streams					2
Short-legged Toad	<i>Megophrys brachykolos</i>	Widespread in Hong Kong Island	PGC			10	
Total no. of species recorded:					2	10	4

Commonness: Karsen et al. 1998. Listing: CRDB = China Red Data Book, E = Endangered, V = Vulnerable. AFCD Biodiversity Database, 2009.

Location: ALC = Ap Lei Chau, NFR = Nam Fung Road, WCH = Wong Chuk Hang.

Daytime survey date: 24/6/08, 3/7/08, 11/7/08, 15/7/08, 29/7/08, 5/8/08, 26/8/08, 1/9/08, 2/10/08, 18/11/08, 26/11/08, 9/12/08, 8/4/09, 21/5/09, 1/6/09, 21/7/09, 17/8/09

Night survey date: 30/7/08, 23/10/08, 15/6/09, 3/7/09

Table 4 Number of Individuals of Butterfly Species recorded within the Study Area from June 2008 to August 2009

Common Name	Scientific Name	Common ness	Level of Concern	Location			
				ALC	CHS	NFR	WCH
Common Mime	<i>Chilasa clytia</i>	C		12	1	5	1
Tailed Jay	<i>Graphium agamemnon agamemnon</i>	VC				1	
Common Jay	<i>Graphium doson axion</i>	UC		2		1	
Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	VC		4		3	
Lime Butterfly	<i>Papilio demoleus demoleus</i>	C			14		
Great Mormon	<i>Papilio memnon agenor</i>	VC		3		15	11
Paris Peacock	<i>Papilio paris paris</i>	VC		1		3	
Common Mormon	<i>Papilio polytes polytes</i>	VC		16	5	24	17
Spangle	<i>Papilio protenor protenor</i>	VC				6	
Lemon Emigrant	<i>Catopsilia pomona pomona</i>	C		3			
Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i>	C				12	1
Common Gull	<i>Cepora nerissa nerissa</i>	C			2	1	
Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	VC		1		3	
Common Grass Yellow	<i>Eurema hecabe hecabe</i>	VC		13	12	17	7
Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	C		4		5	3
Indian Cabbage White	<i>Pieris canidia canidia</i>	VC		27	1	14	4
Common Tiger	<i>Danaus genutia genutia</i>	VC		1	3	8	1
Common Indian Crow	<i>Euploea core amymone</i>	VC		1	1	4	4
Blue-spotted Crow	<i>Euploea midamus midamus</i>	VC					1
Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	VC		5	1	1	2
Glassy Tiger	<i>Parantica aglea melanoides</i>	VC		3		1	
Common Duffer	<i>Discophora sondaica</i>	C				1	
Large Faun	<i>Faunis eumeus eumeus</i>	C		1	1	9	5
Banded Tree Brown	<i>Lethe confusa confusa</i>	VC				4	1
Common Evening Brown	<i>Melanitis leda</i>	VC		4		1	2
Dark-brand Bush Brown	<i>Mycalesis mineus mineus</i>	VC		16	2	29	21
Common Five-ring	<i>Ypthima baldus baldus</i>	VC		4		2	
Angled Castor	<i>Ariadne ariadne alterna</i>	C		1		1	
Common Sergeant	<i>Athyma perius perius</i>	C				4	3
Red Lacewing	<i>Cethosia biblis biblis</i>	R			3		
Tawny Rajah	<i>Charaxes bernardus bernardus</i>	C				7	
Rustic	<i>Cupha erymanthis erymanthis</i>	VC		1		18	2
Common Mapwing	<i>Cyrestis thyodamas chinensis</i>	C				4	
Baron	<i>Euthalia aconthea aditha</i>	UC	LC			1	
Red Ring Skirt	<i>Hestina assimilis assimilis</i>	C				2	

Common Name	Scientific Name	Common ness	Level of Concern	Location			
				ALC	CHS	NFR	WCH
Great Egg-fly	<i>Hypolimnas bolina kezia</i>	VC		3	1	7	4
Lemon Pansy	<i>Junonia lemonias lemonias</i>	UC		4	1		
Blue Pansy	<i>Junonia orithya orithya</i>	UC		1			
Common Sailer	<i>Neptis hylas hylas</i>	VC		1		7	1
Black Prince	<i>Rohana parisatis</i>	C			2	3	1
Plum Judy	<i>Abisara echerius echerius</i>	VC		2		8	
Punchinello	<i>Zemeros flegyas flegyas</i>	C				1	
Powdered Oak Blue	<i>Arhopala bazalus turbata</i>	UC				1	
Lime Blue	<i>Chilades lajus leucofasciatus</i>	VC		6	4		
Purple Sapphire	<i>Heliophorous epicles phoenicoparyphus</i>	C				1	
Silver Streak Blue	<i>Iraota timoleon timoleon</i>	UC				1	
Pea Blue	<i>Lampides boeticus</i>	C		1			
Slate Flash	<i>Rapala manea schistacea</i>	C		1			
Pale Grass Blue	<i>Zizeeria maha serica</i>	VC		24	5	1	11
Forest Hopper	<i>Astictopterus jama chinensis</i>	C			1		1
Banana Skipper	<i>Erionota torus</i>	C				2	
Restricted Demon	<i>Notocrypta curvifascia curvifascia</i>	C		1			
Chinese Dart	<i>Potanthus confucius confucius</i>	C		1			
Total no. of species recorded:				32	18	41	22

Commonness: UC = Uncommon, C = Common, VC = Very Common (Yiu and Young, 2002)

Level of Concern: LC = Local Concern, RC = Regional Concern, PRC = Potential Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes et al. 2002)

Location: ALC = Ap Lei Chau, CHS = Chung Hom Shan proposed magazine site, NFR = Nam Fung Road, WCH = Wong Chuk Hang.

Survey date: 24/6/08, 3/7/08, 11/7/08, 15/7/08, 29/7/08, 5/8/08, 11/8/08, 26/8/08, 1/9/08, 25/9/08, 2/10/08, 3/11/08, 18/11/08, 26/11/08, 9/12/08, 8/4/09, 21/5/09, 1/6/09, 21/7/09, 17/8/09

Table 5 Number of Individuals of Dragonfly Species recorded within the Study Area from June 2008 to August 2009

Common Name	Scientific Name	Common ness	Level of Concern	Location			
				ALC	CHS	NFR	WCH
Black-banded Gossamerwing	<i>Euphaea decorata</i>	A				2	
Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	A				55	
Asian Pintail	<i>Acisoma panorpoides panorpoides</i>	C				33	
Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	C				3	
Asian Amberwing	<i>Brachythemis contaminata</i>	A				1	
Crimson Darter	<i>Crocothemis servilia servilia</i>	A			1	1	
Forest Chaser	<i>Lyriothemis elegantissima</i>	C				2	
Red-faced Skimmer	<i>Orthetrum chrysis</i>	C				16	
Common Blue Skimmer	<i>Orthetrum glaucum</i>	A		8	2	27	
Marsh Skimmer	<i>Orthetrum luzonicum</i>	A				43	
Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>	A		1		31	
Green Skimmer	<i>Orthetrum sabina sabina</i>	C			1	1	
Lesser Blue Skimmer	<i>Orthetrum triangulare</i>	C				9	
Wandering Glider	<i>Pantala flavescens</i>	A		101	10	78	46
Pied Skimmer	<i>Pseudothemis zonata</i>	C				1	
Saddlebag Glider	<i>Tramea virginia</i>	C		1		1	
Crimson Dropwing	<i>Trithemis aurora</i>	A				3	
Indigo Dropwing	<i>Trithemis festiva</i>	A		1		48	
Emerald Cascader	<i>Zygonyx iris insignis</i>	A	PGC			1	
Total no. of species recorded:				5	4	19	1

Commonness: A = Abundant, C = Common (Wilson et al. 2004)

Level of Concern: LC = Local Concern, RC = Regional Concern, PRC = Potential Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence. (Fellowes et al. 2002)

Location: ALC = Ap Lei Chau, CHS = Chung Hom Shan proposed magazine site, NFR = Nam Fung Road, WCH = Wong Chuk Hang.

Survey date: 24/6/08, 3/7/08, 11/7/08, 15/7/08, 29/7/08, 5/8/08, 11/8/08, 26/8/08, 1/9/08, 25/9/08, 2/10/08, 3/11/08, 18/11/08, 26/11/08, 9/12/08, 8/4/09, 21/5/09, 1/6/09, 21/7/09, 17/8/09

Table 6a Record of Freshwater Fish Species in Aberdeen Country Park (Lee et al., 2005)

Common Name	Scientific Name	Commonness	Listing
Japanese Eel	<i>Anguilla japonica</i>	Uncommon	
Tinfoil Barb	<i>Barbus schwanenfeldii</i>	Probably released	
Goldfish	<i>Carassius auratus</i>	Not common in streams but occurs in many reservoirs and cultivated in fishponds	
Grass Carp	<i>Ctenopharyngodon idellus</i>	Not common in streams but occurs in many reservoirs and cultivated in fishponds	
Common Carp	<i>Cyprinus carpio</i>	Not common in streams but occurs in many reservoirs and cultivated in fishponds	IUCN (Vu)
Wild Carp	<i>Hemiculter leucisculus</i>	Uncommon	
Predaceous Chub	<i>Parazacco spilurus</i>	Common	CRDB(V)
Chinese Barb	<i>Puntius semifasciolatus</i>	Common	
Striped Loach	<i>Schistura fasciolata</i>	Common	
Vietnam Catfish	<i>Pterocryptis cochinchinensis</i>	Common	
Guppy	<i>Poecilia reticulata</i>	Common	
Jarua Terapon	<i>Terapon Jarbus</i>	Common	
Jewelfish	<i>Hemichromis stellifer</i>	Aquarium fish occurs in few local reservoirs	
Mozambique Tilapia	<i>Oreochromis mossambicus</i>	Common	IUCN (NT)
Nile Tilapia	<i>Oreochromis niloticus</i>	Common	
	<i>Tilapia joka</i>	Probably released	
Redbelly Tilapia	<i>Tilapia zillii</i>	Common	
Sharphead Sleeper	<i>Eleotris oxycephala</i>	Common	
Tropical Sand Goby	<i>Papillogobius reichei</i>	Common	
	<i>Rhinogobius duospilus</i>	Common	
Barcheek Goby	<i>Rhinogobius giurinus</i>	Common	
Spotted Snakehead	<i>Channa maculata</i>	Uncommon in wild	
Snakehead Murrel	<i>Channa striata</i>	Uncommon in wild	

Commonness: Lee et al., 2004.

Listing: IUCN – IUCN Red List; Vu = Vulnerable; NT = Near Threaten. IUCN, 2009.
 CRDB – China Red Data Book; V = Vulnerable. AFCD Biodiversity Database, 2009.

Table 6b Freshwater Fish Species recorded within Assessment Area from June to December 2008

Common Name	Scientific Name	Commonness	Location			
			Aberdeen Estuary	Coastal Area of Ap Lei Chau	Nam Fung Road Stream	Wong Chuk Hang Nullah
Mullet	<i>Chelon sp.</i>	C				++++
Jarboa Terapon	<i>Terapon jarbua</i>	C		++++		++++
Nile tilapia	<i>Oreochromis niloticus</i>	C	+++			
Spottail Needlefish	<i>Tylosurus strongylurus</i>	C	++++			
Striped Loach	<i>Schistura fasciolata</i>	C			++	
White-spotted rabbit fish	<i>Siganus canaliculatus</i>	C				++
Total no. of species recorded:			2	1	1	3

Relative Abundance: + = 1-5 individuals, ++ = 6-10 individuals, +++ = 11-20 individuals, ++++ = >20

Commonness: C = Common. (Lee et al. 2004)

Survey date: 24/6/08, 3/7/08, 26/8/08, 17/9/08, 2/10/08, 26/11/08, 9/12/08

Table 7a Intertidal Community recorded in walk through survey at Aberdeen Channel area from September to December 2008

Type	Scientific Name	Commonness
Barnacles	<i>Balanus reticulatus</i>	VC
	<i>Chthamalus malayensis</i>	VC
	<i>Tetraclita japonica</i>	VC
	<i>Tetraclita squamosa</i>	VC
Bivalves	<i>Barbatia virescens</i>	C
	<i>Saccostrea cucullata</i>	VC
Crabs	<i>Gaetice depressus</i>	
	<i>Hemigrapsus penicillatus</i>	
	<i>Hemigrapsus snaguinolentus</i>	
	<i>Metopograpsus frontalis</i>	
	<i>Nanosesarma minutum</i>	
	<i>Parasesarma pictum</i>	
Cyanobacteria	<i>Kyrtuthrix maculans</i>	C
Encrusting Algae	<i>Hildenbrandia rubra</i>	VC
False Limpets	<i>Siphonaria laciniosa</i>	C
Fish	<i>Terapon theraps</i>	
Limpets	<i>Cellana grata</i>	VC
	<i>Cellana toreuma</i>	VC
	<i>Nipponacmea concinna</i>	C
	<i>Patelloida pygmaea</i>	VC
Periwinkles	<i>Echinolittorina radiata</i>	VC
	<i>Echinolittorina trochoides</i>	VC
	<i>Littoraria articulate</i>	C
Sea slaters	<i>Ligia exotica</i>	C
Topshells	<i>Chlorostoma argyrostoma</i>	C
	<i>Monodonta labio</i>	VC
Whelks	<i>Thais clavigera</i>	VC
Worms	<i>Hydroides sp.</i>	VC
	<i>Serpulorbis imbricatus</i>	C
Total no. of species recorded:		30

Commonness: VC = Very Common, C = Common. (Gray, 2003)

Date of surveys: 29/9/08, 27/10/08, 18/11/08 and 19/12/08.

Table 7b Intertidal Community recorded at Ap Lei Chau (Transect 1) from September to December 2008

Scientific Name	Commonness	September			October		November			December		
		L	M	H	M	H	L	M	H	L	M	H
<i>Balanus reticulatus</i>	VC	5%					1%			5%		
<i>Cellana toreuma</i>	VC		1%			2		2				
<i>Echinolittorina radiata</i>	VC			2					4			
<i>Echinolittorina trochoides</i>	VC								21			
<i>Hemigrapsus snaguinolentus</i>		1										
<i>Hildenbrandia rubra</i>	VC					5%	3%					
<i>Kyrtuthrix maculans</i>	C					10%						
<i>Ligia exotica</i>	C	1		1	2	2		1				
<i>Littoraria articulata</i>	C			4			2					
<i>Metopograpsus frontalis</i>				1								
<i>Monodonta labio</i>	VC		1			1	5		1	3		
<i>Patelloida pygmaea</i>	VC	1	1					1		1%		1%
<i>Saccostrea cucullata</i>	VC	10%	8%			10%	5%		2%	15%		5%
<i>Serpulorbis imbricatus</i>	C	2										
<i>Siphonaria laciniosa</i>	C	3				1						
<i>Tetraclita squamosa</i>	VC		2%			15%	1%					
Total no. of species recorded:		7	5	4	8	5	4	4	2	3	2	1

Date of surveys: 25/9/08, 27/10/08, 18/11/08 and 19/12/08.

L = Low Intertidal, M = Mid Intertidal, H = High Intertidal.

Commonness: VC = Very Common, C = Common. (Gray, 2003)

Table 7c Intertidal Community recorded at Ap Lei Chau (Transect 2) from September to December 2008

Scientific Name	Commonness	September				October		November		December		
		B	L	M	H	M	H	M	H	L	M	H
<i>Balanus reticulatus</i>	VC	5%		1%						1%	1%	15%
<i>Cellana grata</i>	VC				1%							
<i>Cellana toreuma</i>	VC							9				
<i>Echinolittorina radiata</i>	VC						5		2			
<i>Echinolittorina trochoides</i>	VC						6		11			
<i>Hildenbrandia rubra</i>	VC					95%						
<i>Hydroides sp.</i>	VC			1%								
<i>Ligia exotica</i>	C					8						
<i>Littoraria articulata</i>	C						2					1%
<i>Monodonta labio</i>	VC							3		9	1	
<i>Nipponacmea concinna</i>	C									1		
<i>Patelloida pygmaea</i>	VC										2%	
<i>Saccostrea cucullata</i>	VC	15%	5%	2%	80%	5%		2%				
<i>Terapon theraps</i>		1										
<i>Tetraclita japonica</i>	VC	10%	5%	1%								
<i>Tetraclita squamosa</i>	VC				1%	1%						
Total no. of species recorded:		4	2	4	3	4	3	3	2	3	3	2

Date of surveys: 25/9/08, 27/10/08, 18/11/08 and 19/12/08.

B = Just Below water surface, L = Low Intertidal, M = Mid Intertidal, H = High Intertidal.

Commonness: VC = Very Common, C = Common. (Gray, 2003)

Table 7d Intertidal Community recorded under Ap Lei Chau Bridge (Transect 3) from September to December 2008

Scientific Name	Commonness	September			October			November				December			
		L	M	H	L	M	H	B	L	M	H	B	L	M	H
<i>Balanus reticulatus</i>	VC		7	1	25%			10%		1%		5%	1%		1%
<i>Cellana grata</i>	VC											1%			
<i>Cellana toreuma</i>	VC		3						5						
<i>Chlorostoma argyrostoma</i>	C		1												
<i>Chthamalus malayensis</i>	VC						2%	5%							
<i>Gaetice depressus</i>			1	2				3						2	1
<i>Hemigrapsus penicillatus</i>							3			1	1				
<i>Hildenbrandia rubra</i>	VC				60%	80%									
<i>Ligia exotica</i>	C			1	3	6	7								
<i>Littoraria articulata</i>	C					7				1					
<i>Metopograpsus frontalis</i>			3												
<i>Monodonta labio</i>	VC	1	3	1	6	9		3	2	3	1			10	12
<i>Nipponacmea concinna</i>	C													1	1
<i>Patelloida pygmaea</i>	VC											2%		1%	
<i>Saccostrea cucullata</i>	VC	40%	10%		15%	5%		10%	2%			5%		1%	
<i>Siphonaria laciniosa</i>	C				7										
<i>Thais clavigera</i>	VC							2	1						
Total no. of species recorded:		2	7	4	6	7	3	4	4	4	2	4	2	5	3

Date of surveys: 25/9/08, 27/10/08, 18/11/08 and 19/12/08.

B = Just Below water surface, L = Low Intertidal, M = Mid Intertidal, H = High Intertidal.

Commonness: VC = Very Common, C = Common. (Gray, 2003)

Table 7e Intertidal Community recorded under Ap Lei Chau Bridge (Transect 4) from September to December 2008

Scientific Name	Commonness	September		October			November				December			
		L	M	L	M	H	B	L	M	H	B	L	M	H
<i>Balanus reticulatus</i>	VC	2%	3%	30%	3%		1%	1%			5%		1%	5%
<i>Barbatia virescens</i>	C	1												
<i>Hemigrapsus penicillatus</i>								2	1					
<i>Hildenbrandia rubra</i>	VC			40%	90%	20%								
<i>Ligia exotica</i>	C			5	4	1					2			
<i>Littoraria articulata</i>	C			19				1		3				
<i>Monodonta labio</i>	VC	1	3	12	2		6	6	4	2	1	2	4	2
<i>Nanosesarma minutum</i>												1		
<i>Parasesarma pictum</i>										3				
<i>Patelloida pygmaea</i>	VC	2%									2			
<i>Saccostrea cucullata</i>	VC	10%	3%	25%	2%		5%	3%			10%	3%	1%	1%
<i>Siphonaria laciniosa</i>	C										1%	1%		
<i>Thais clavigera</i>	VC												1	
Total no. of species recorded:		5	3	6	5	2	3	5	2	4	5	5	3	3

Date of surveys: 29/9/08, 27/10/08, 18/11/08 and 19/12/08.

B = Just Below water surface, L = Low Intertidal, M = Mid Intertidal, H = High Intertidal.

Commonness: VC = Very Common, C = Common. (Gray, 2003)

Table 7f Intertidal Community recorded under Ap Lei Chau Bridge (Transect 5) from September to December 2008

Scientific Name	Commonness	September			October		November			December		
		L	M	H	M	H	L	M	H	L	M	H
<i>Balanus reticulatus</i>	VC		5%	5	1%		3%	1%		2%	3%	
<i>Chthamalus malayensis</i>	VC			6								
<i>Echinolittorina radiata</i>	VC			2%					9			
<i>Echinolittorina trochoides</i>	VC								5			
<i>Gaetice depressus</i>					1							
<i>Hildenbrandia rubra</i>	VC					10%						
<i>Ligia exotica</i>	C		1									
<i>Littoraria articulata</i>	C					2						3
<i>Monodonta labio</i>	VC		1							1		
<i>Parasesarma pictum</i>						1						
<i>Patelloida pygmaea</i>	VC						1%					
<i>Saccostrea cucullata</i>	VC	30%	10%				10%	5%		5%	5%	
<i>Tetraclita squamosa</i>	VC	15%	5%									
Total no. of species recorded:		2	5	3	2	3	3	2	2	3	2	1

Date of surveys: 25/9/08, 27/10/08, 18/11/08 and 19/12/08.

L = Low Intertidal, M = Mid Intertidal, H = High Intertidal.

Commonness: VC = Very Common, C = Common. (Gray, 2003)

Table 7g Intertidal Community recorded under Ap Lei Chau Bridge (Transect 6) from September to December 2008

Scientific Name	Commonness	September		October		November			December	
		M	H	M	H	L	M	H	M	H
<i>Balanus reticulatus</i>	VC	1%	1%	10%					1%	5
<i>Gaetice depressus</i>				1	1		3			
<i>Ligia exotica</i>	C		1		13			2		
<i>Littoraria articulata</i>	C	2%	1%					1		1
<i>Saccostrea cucullata</i>	VC	2%				1%				
Total no. of species recorded:		3	3	2	2	1	1	2	1	2

Date of surveys: 29/9/08, 27/10/08, 18/11/08 and 19/12/08.

L = Low Intertidal, M = Mid Intertidal, H = High Intertidal.

Commonness: VC = Very Common, C = Common. (Gray, 2003)

Table 7h Intertidal Community recorded at Telegraph Bay Area

Common Name	Scientific Name	Black & Veatch, 2006	MMHK, 2009
Acorn Barnacle	<i>Tetraclita squamosa</i>	√	√
Barnacle	<i>Euraphia withers</i>	√	
Box Mussel	<i>Septifer bilocularis</i>	√	
Chiton	<i>Acanthopleura japonica</i>	√	√
False Limpet	<i>Siphonaria sirius</i>	√	
Grapsid Crab	<i>Grapsus albolineatus</i>		√
Limpet	<i>Cellana grata</i>	√	√
	<i>Nipponacmea concinna</i>		√
	<i>Patelloida pygmaea</i>		√
	<i>Patelloida saccharina</i>		√
Nerite	<i>Nerita chamaeleon</i>	√	
Periwinkles	<i>Echinolittorina radiata</i>		√
	<i>Echinolittorina trochoides</i>		√
	<i>Echinolittorina vidua</i>		√
	<i>Littoraria articulata</i>		√
	<i>Littoraria pallescens</i>	√	
Rock Oyster	<i>Saccostrea cucullata</i>	√	√
Sea slaters	<i>Ligia exotica</i>	√	√
Sea urchin	<i>Anthocidaris crassipina</i>		√
Sponges	<i>Sigmatocia symbiotica</i>		√
Stalked Barnacle	<i>Capitulum mitella</i>	√	√
Lipped Topshell	<i>Monodonta labio</i>	√	
Whelks	<i>Morula musiva</i>	√	
	<i>Thais clavigera</i>		√
Total no. of species recorded:		14	18

Table 7i Intertidal Community recorded in Horizontal Quadrat Survey at Telegraph Bay

Quadrat	1	2	3	4	5	6	7	8	9	10	Mean	S. D.
High Tide Level												
<i>Capitulum mitella</i> (%)		5%		2%			1%	3%	2%		3%	1.52%
<i>Cellana grata</i> (%)		1%					1%				1%	0%
<i>Echinolittorina radiata</i> (%)		2%									2%	---
<i>Echinolittorina trochoides</i> (%)				4%							4%	---
<i>Echinolittorina vidua</i> (%)				1%		1%		1%		2%	1%	0.50%
<i>Ligia exotica</i>	3	2									3	0.71
<i>Littoraria articulata</i>			1								1	---
<i>Nipponacmea concinna</i> (%)		1%			1%	2%		1%		1%	1%	0.45%
<i>Patelloida pygmaea</i> (%)	3%				3%						3%	0%
<i>Patelloida saccharina</i> (%)							1%				1%	---
<i>Saccostrea cucullata</i> (%)	4%	1%	1%								2%	1.73%
<i>Tetraclita squamosa</i> (%)		4%					2%	1%			2%	1.53%
<i>Thais clavigera</i>					1		3				2	1.41
Middle Tide Level												
<i>Acanthopleura japonica</i>	5			1			9	2	3		4	3.16
<i>Capitulum mitella</i> (%)	3%										3%	---
<i>Cellana grata</i> (%)				8%	2%					1%	4%	3.79%
<i>Ligia exotica</i>	15	1			2	80	2	10			18.3	30.72
<i>Littoraria articulata</i> (%)				1%	1%						1%	0%
<i>Nipponacmea concinna</i> (%)		3%	2%	1%		1%	3%	1%	2%	1%	2%	0.89%
<i>Patelloida pygmaea</i> (%)	5%		5%	3%	1%	1%	2%				3%	1.83%
<i>Patelloida saccharina</i> (%)		1%	2%	3%			3%	2%	3%	2%	2%	0.76%
<i>Saccostrea cucullata</i> (%)	5%		4%								5%	0.71%
<i>Tetraclita squamosa</i> (%)	15%	1%	20%	12%	4%	2%		10%	3%	1%	8%	6.95%
<i>Thais clavigera</i>			1				1				1	0

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Quadrat	1	2	3	4	5	6	7	8	9	10	Mean	S. D.
Low Tide Level												
<i>Acanthopleura japonica</i>		3		5	3	8	4	1	3	1	3.5	2.27
<i>Cellana grata</i> (%)		1%	2%			1%	5%		1%		2%	1.73%
<i>Ligia exotica</i>		1									1	---
<i>Nipponacmea concinna</i> (%)				1%	1%		2%	1%	3%	2%	2%	0.82%
<i>Patelloida pygmaea</i> (%)		2%	4%	1%	1%		2%	5%			3%	1.64%
<i>Patelloida saccharina</i> (%)	40%	15%	5%	4%	3%		1%	2%	8%	8%	10%	12.18%
<i>Saccostrea cucullata</i> (%)		5%									5%	---
<i>Tetraclita squamosa</i> (%)	20%	10%	8%	8%	8%	20%	20%	6%	15%	2%	12%	6.57%
<i>Thais clavigera</i>	3	4									3.5	0.71

Date of survey: 12/10/09