

Appendix 9.14 Abundance of Subtidal Benthos Species Recorded at Each Sampling Location within the Assessment Area

No.	Phylum	Class	Order	Family	Species	Dry season						Wet season					
						NKL-L	NKL-M	NKL-R	TLT-L	TLT-M	TLT-R	NKL-L	NKL-M	NKL-R	TLT-L	TLT-M	TLT-R
1	Annelida	Polychaeta	Phyllodocida	Acoetidae	<i>Acoetes melanonota</i>							1					
2	Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	3	3	1			1	1	1	2			
3	Annelida	Polychaeta	Amphinomida	Amphinomidae	<i>Amphinome rostrata</i>							1					1
4	Annelida	Polychaeta	Spionida	Cirratulidae	<i>Aphelochaeta marioni</i>												2
5	Annelida	Polychaeta	Orbiniida	Paraonidae	<i>Aricidea fragilis</i>		1										
6	Annelida	Polychaeta	Amphinomida	Amphinomidae	<i>Chloeia parva</i>						2						
7	Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra chiliensis</i>								1				
8	Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>				4	2	9				8	11	1
9	Annelida	Polychaeta	Phyllodocida	Syllidae	<i>Eusyllis</i> sp.								1		3		1
10	Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>						1			1			1
11	Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde bonhourei</i>						1	1	1				
12	Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.										1		
13	Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Leocrates chinensis</i>										1	1	
14	Annelida	Polychaeta	Echiura	Thalassematidae	<i>Listriolobus brevis</i>								1				1
15	Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>						1			1	1	1	
16	Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	2	1							1	1		
17	Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus chinensis</i>							1		1			1
18	Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.				1								
19	Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericens</i>	5	6		1		1	1	1	1	1	1	
20	Annelida	Polychaeta	Opheliida	Opheliidae	<i>Ophelina grandis</i>									1			
21	Annelida	Polychaeta	Oweniida	Oweniidae	<i>Owenia fusiformis</i>									1			
22	Annelida	Polychaeta	Phyllodocida	Lacydoniidae	<i>Paralacydonia paradoxa</i>	1											
23	Annelida	Polychaeta	Eunicida	Eunicidae	<i>Paucibranchia stragulum</i>								1				1
24	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	<i>Phyllodoce malmgreni</i>	1					1					1	
25	Annelida	Polychaeta	Terebellida	Terebellidae	<i>Pista cristata</i>						1					1	1
26	Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>		1								1		
27	Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio ehlersi</i>									1			
28	Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio pacifica</i>	1						1	1		1		1

No.	Phylum	Class	Order	Family	Species	Dry season						Wet season					
						NKL-L	NKL-M	NKL-R	TLT-L	TLT-M	TLT-R	NKL-L	NKL-M	NKL-R	TLT-L	TLT-M	TLT-R
29	Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos marsupialis</i>						1						
30	Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>							1		1			
31	Annelida	Polychaeta	Sternaspida	Sternaspidae	<i>Sternaspis radiata</i>	1											
32	Annelida	Polychaeta	Phyllodocida	Sigalionidae	<i>Sthenolepis japonica</i>	1						1	1			1	
33	Arthropoda	Crustacea	Decapoda	Alpheidae	<i>Alpheus</i> sp.	2			1	1	2	1	4			3	
34	Arthropoda	Crustacea	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.						1		1	2	2	1	4
35	Arthropoda	Crustacea	Astacidea	Callianassidae	<i>Callianassa japonica</i>	1	1				2	1					
36	Arthropoda	Crustacea	Decapoda	Dorippidae	<i>Dorippoides facchino</i>						1						
37	Arthropoda	Crustacea	Isopoda	Sphaeromidae	<i>Dynoides dentisinus</i>										1		
38	Arthropoda	Crustacea	Cumacea	Bodotriidae	<i>Eocuma lata</i>												1
39	Arthropoda	Crustacea	Decapoda	Euryplacidae	<i>Eucrater haswelli</i>						2			1			
40	Arthropoda	Crustacea	Decapoda	Pilumnidae	<i>Glabropilumnus seminudus</i>										1		
41	Arthropoda	Crustacea	Decapoda	Epialtidae	<i>Hyastenus diacanthus</i>						1						
42	Arthropoda	Crustacea	Decapoda	Portunidae	<i>Libystes edwardsi</i>												1
43	Arthropoda	Crustacea	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>							1					
44	Arthropoda	Crustacea	Decapoda	Xenophthalmidae	<i>Neoxenophthalmus obscurus</i>						2			1		1	1
45	Arthropoda	Crustacea	Decapoda	Leucosiidae	<i>Nursia rhomboidalis</i>											1	
46	Arthropoda	Crustacea	Amphipoda	Ingolfiellidae	<i>Paranthura japonica</i>									1			
47	Arthropoda	Crustacea	Decapoda	Pinnotheridae	<i>Pinnixa penultipedalis</i>											1	
48	Arthropoda	Crustacea	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	1			1								
49	Arthropoda	Crustacea	Decapoda	Pilumnidae	<i>Typhlocarcinus nudus</i>	1	1	1		1	2		2		3	1	1
50	Chordata	Amphioxii	Amphioxiformes	Amphioxidae	<i>Branchiostoma belcheri</i>												1
51	Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>						1						
52	Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Anthopleura nigrescens</i>						1				1		
53	Cnidaria	Anthozoa	Alcyonacea	Paramuriceidae	<i>Echinogorgia</i> sp.					1					1		

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						NKL-L	NKL-M	NKL-R	TLT-L	TLT-M	TLT-R	NKL-L	NKL-M	NKL-R	TLT-L	TLT-M	TLT-R
54	Cnidaria	Antuzoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>											1	1
55	Echinodermata	Stelleroidea	Ophiurida	Amphiuridae	<i>Amphioplus laevis</i>				1	1	3			1	1	5	2
56	Echinodermata	Holothuroidea	Dendrochirotia	Phyllophoridae	<i>Phyllophorus spiculatus</i>									1			
57	Echinodermata	Holothuroidea	Apoda	Synaptidae	<i>Protankyra bidentata</i>		1										
58	Echinodermata	Echinoidea	Camarodonta	Temnopleuridae	<i>Temnopleurus toreumaticus</i>									1			
59	Mollusca	Bivalvia	Veneroidea	Semelidae	<i>Abra soyoae</i>									1			
60	Mollusca	Bivalvia	Myoidea	Corbulidae	<i>Anisocorbula modesta</i>									1	2		
61	Mollusca	Bivalvia	Veneroidea	Veneridae	<i>Dosinia fibula</i>									1			
62	Mollusca	Bivalvia	Veneroidea	Tellinidae	<i>Exotica</i> sp.						1						
63	Mollusca	Bivalvia	Veneroidea	Tellinidae	<i>Iridona iridescens</i>								1	1			2
64	Mollusca	Bivalvia	Mytiloidea	Mytilidae	<i>Modiolus metcalfei</i>						1						1
65	Mollusca	Gastropoda	Negogastropoda	Nassariidae	<i>Nassarius succinctus</i>												1
66	Mollusca	Bivalvia	Veneroidea	Veneridae	<i>Paratapes undulata</i>		1										
67	Mollusca	Bivalvia	Veneroidea	Veneridae	<i>Ruditapes philippinarum</i>				1		1						
68	Mollusca	Bivalvia	Nuculoidea	Nuculanidae	<i>Saccella cuspidate</i>		1										
69	Mollusca	Bivalvia	Veneroidea	Solenidae	<i>Solen dunkerianus</i>		1										
70	Mollusca	Bivalvia	Myoidea	Corbulidae	<i>Solidicorbula erythron</i>											1	
71	Mollusca	Bivalvia	Veneroidea	Veneridae	<i>Tapes belcheri</i>									1			
72	Mollusca	Bivalvia	Veneroidea	Veneridae	<i>Tellinimactra hainanensis</i>						1						
73	Mollusca	Bivalvia	Veneroidea	Semelidae	<i>Theora lata</i>	1											
74	Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	2	1				1	1	1	1			
75	Sipuncula	Phascolosomatida	Phascolosomatiformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	2	1						1				
Number of benthic fauna species recorded at each sampling location in Ng Kwu Leng/Tsing Lung Tau in each season						15	13	2	7	5	26	13	14	17	23	17	21
Number of benthic fauna species recorded at Ng Kwu Leng/Tsing Lung Tau in each season						21			30			31			43		
Total number of benthic fauna species recorded within the assessment area						75											

## Note

- Replicates of sub-stations are pooled together
- **Species in bold are considered of conservation importance**

## Abbreviation

- NKL = Ng Kwu Leng; TLT = Tsing Lung Tau