Annex 9C

Data on Intertidal and Subtidal Assemblages

Table 9C.1 Relative Abundance of Intertidal Biota Recorded on the LPS Seawall, Tau Lo Chau and Pak Chau within the Assessment Area in the Wet Season 2016 and Dry Season 2017

Class	Species	LPS Seawall		Tau Lo Chau		Pak Chau	
		Wet Season (2016)	Dry Season (2017)	Wet Season (2016)	Dry Season (2017)	Wet Season (2016)	Dry Season (2017)
Gastropoda	*Echinolittorina radiata*	1	3	3	2	2	3
	Echinolittorina pascua	1	1	2	0	0	0
	Echinolittorina vidua	0	1	1	2	0	0
	Littoraria articulata	0	0	0	0	3	3
	Nerita albicilla	1	1	1	1	2	1
	Nerita costata	0	0	0	0	1	1
	Lunella coronata	0	0	0	0	0	1
	Monodonta labio	1	1	1	1	1	2
	Tenguella musiva	1	1	0	0	0	0
	Planaxis sulcatus	1	0	1	1	0	0
	Reishia clavigera	1	1	2	1	1	0
	Reishia luteostoma	0	0	1	0	1	0
	Siphonaria japonica	1	1	1	1	0	0
	Siphonaria laciniosa	0	0	0	1	0	0
	Cellana grata	1	2	1	1	0	0
	Cellana toreuma	1	1	1	2	0	0
	Mangelia dorsuosa	1	1	0	0	0	0
	Nipponacmea concinna	0	1	1	1	0	1
	Patelloida saccharina	3	4	3	1	0	0
	Patelloida pygmaea	0	1	0	0	0	0
Polyplacophora	*Liolophura japonica*	1	1	1	1	0	1
	Onithochiton hirasei	1	1	1	1	0	1
Malacostraca	*Ligia exotica*	2	0	2	2	1	0
	Grapsus albolineatus	1	0	1	1	0	0
	Hemigrapsus sanguineus	0	0	1	0	1	1
	Plagusia depressa	0	0	1	0	0	0
	Diogenes dubiu	0	0	1	1	0	0
Polychaeta	*Spirorbis* spp.	0	0	0	1	0	0
Echinoidea	*Heliocidaris crassispina*	0	0	2	2	0	0
Hexanauplia	*Amphibalanus amphitrite*	1	1	1	0	1	1
	Capitulum mitella	2	3	2	1	0	1
	Chthamalus malayensis	3	1	1	0	0	1
	Tetraclita japonica	3	3	3	1	0	1
Bivalvia	*Barbatia virescens*	0	0	0	1	1	1
	Isognomon isognomum	1	0	0	0	0	0
	Saccostrea cucullata	2	0	3	1	2	1
	Mytilisepta virgata	0	0	2	1	0	0
	Perna viridis	0	0	1	1	0	0
Anthozoa	*Diadumene lineata*	0	0	0	1	1	1
	Spheractis cheungae	0	0	0	1	0	0
Florideophyceae	*Corallina* spp.	0	1	2	2	0	2
	Gelidium pusillum	0	0	0	1	0	0
	Hildenbrandia occidentalis	0	0	0	2	0	0
	Hildenbrandia rubra	2	2	2	3	1	3
Phaeophyceae	*Petalonia binghamiae*	0	0	0	2	0	0
	Hapalospongidion gelatinosum	0	0	1	0	0	0
	Feldmannia mitchelliae	0	0	0	1	3	2
	Sagrassum sp.	0	0	0	2	0	1
Chlorophyceae	*Pseudulvella applanata*	0	0	2	2	0	0
Ulvophyceae	*Chaetomorpha antennina*	0	0	0	1	0	0
	Enteromorpha spp.	0	0	0	1	0	0

Class	Species	LPS Seawall		Tau Lo Chau		Pak Chau	
		Wet Season (2016)	Dry Season (2017)	Wet Season (2016)	Dry Season (2017)	Wet Season (2016)	Dry Season (2017)
	Ulva spp.	0	0	0	1	0	2
Cyanophyceae	*Chroococcus* sp.	2	2	1	1	2	0
	Kyrtuthrix maculans	0	0	0	1	0	0
	Lyngbya sp.	0	0	0	1	0	0

Relative Abundance of species: 0 = Not Present; 1 = Rare within Transect; 2 = Common within Transect; 3 = Very Common within Transect.

Table 9C.2 Mean Density (m^{-2}) of Intertidal Fauna and Mean Percentage Cover (%) of Sessile Fauna and Flora recorded in Transects T1, T2 and T3 at the LPS Seawall in the Wet Season 2016 and Dry Season 2017

	Wet Season (2016)									Dry Season (2017)								
	High-Intertidal Zone			Mid-Intertidal Zone			Low-Intertidal Zone			High-Intertidal Zone			Mid-Intertidal Zone			Low-Intertidal Zone		
	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
Gastropoda																		
Echinolittorina radiata	0	1	1.4	0	0	0.2	0	0	0	0	6.2	5.8	0	0	4.4	0	0	0
Echinolittorina pascua	0	0.2	0	0	0	0	0	0	0	0	0.2	1.2	0	0	0	0	0	0
Echinolittorina vidua	0	0	0	0	0	0	0	0	0	0	0.2	0.8	0	0	0	0	0	0
Nerita albicilla	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0
Monodonta labio	0	0	0	0.8	0	0	0	0	0	0	0	0	1.6	3	1	0	0	0
Tenguella musiva	0	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0.2	0	0
Planaxis sulcatus	0	0	0	0	0	2.2	0	0	0	0	0	0	0	0	0	0	0	0
Reishia clavigera	0	0	0	0	0.4	0.4	4	0.8	1.6	0	0	0	0.2	0	0.2	0.8	0	1.2
Siphonaria japonica	0	0	0	0.4	0.4	1	1.6	3	0.2	0	0	0	0.4	1.6	0.2	0	0.4	0.6
Reishia luteostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cellana grata	0	0	0	0	1	3.2	0.6	0.2	0	0	0	0	4.2	1.2	3.4	4	1	2
Cellana toreuma	0	0	0	0	0	0.2	0.4	1.2	0.8	0	0	0	0	0.8	0.2	0	0	0
Mangelia dorsuosa	0	0	0	0	0	1	0	0.6	0	0	0	0	0	0	0.4	0	0	0
Nipponacmea concinna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.4	0.4	1.4
Patelloida pygmaea	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0
Polyplacophora																		
Liolophura japonica	0	0	0	0.4	0	0	1	2.6	1	0	0	0	0	0.2	1.4	3	1	2.4
Onithochiton hirasei	0	0	0	0	0.6	0.2	0.2	0	0	0	0	0	0	0	0	0.2	0	0
Malacostraca																		
Grapsus albolineatus	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Ligia exotica	1	0.2	0.2	9.2	4	1.6	0.8	0	0	0	0	0	0	0	0	0	0	0
Bivalvia %																		
Isognomon isognomum	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Saccostrea cucullata	0	0	0	0	0	0	0	1	9	0	0	0	0	0	0	0	0	0
Hexanauplia %																		
Amphibalanus amphitrite	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	1	0
Capitulum mitella	0	0	1	6	2	6	0	0	0	0	0	1	4	4	4	2	14	0
Chthamalus malayensis	0	0	0	0	4	1	22	8	17	0	0	0	1	0	0	0	0	1
Tetraclita japonica	0	0	0	1	4	4	12	6	13	0	0	0	3	1	2	17	3	15
Florideophyceae %																		
Corallina spp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1
Hildenbrandia rubra	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	6	8
Cyanophyceae %																		
Chroococcus sp.	18	14	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0

Table 9C.3 Mean Density (m^{-2}) of Intertidal Fauna and Mean Percentage Cover (%) of Sessile Fauna and Flora recorded in Transects T5 and T6 at Tau Lo Chau in the Wet Season 2016 and Dry Season 2017

	Wet Season (2016)						Dry Season (2017)					
	High-Intertidal Zone		Mid-Intertidal Zone		Low-Intertidal Zone		High-Intertidal Zone		Mid-Intertidal Zone		Low-Intertidal Zone	
	T4	T5	T4	T5	T4	T5	T4	T5	T4	T5	T4	T5
Gastropoda												
Echinolittorina radiata	32.6	9.2	0.4	3.2	0	0	21.6	0	0	0	0	0.2
Echinolittorina pascua	10.4	0.6	0	0	0	0	0	0	0	0	0	0
Echinolittorina vidua	0	0	0.8	0	0	0	0.2	26	0.2	0	0	0
Nerita albicilla	0	0	0	0	0.2	0	0	0	0	0	0	0.2
Monodonta labio	0	0	0.8	1	0	1	0	0	0	0	0.2	0.2
Planaxis sulcatus	0	0	0	0	1.2	0	0.2	0	0	0	0	0
Reishia clavigera	0	0	0.8	1	5.4	3	0	0	0.4	1	0.2	1.4
Reishia luteostoma	0	0	1.2	0	0.2	0.6	0	0	0	0	0	0
Siphonaria japonica	0	0	0	0.2	0.4	0	0	0.6	0.4	0	0	0
Siphonaria laciniosa	0	0	0	0	0	0	0	0	0	0	0	0.2
Cellana grata	0	0	0	0.2	1.2	0	0.2	2	0	0	0.2	0
Cellana toreuma	0	0	0.2	0.8	1	0.2	0	8.4	0.8	5	0.4	2.8
Nipponacmea concinna	0	0	0	0	0.4	0	0	0	1	0	0.6	1.4
Patelloida saccharina	0	0	0	2.6	9.8	24	0	9	0	0.2	0.2	0
Malacostraca												
Hemigrapsus sanguineus	0	0	0	0	0.2	0	0	0	0	0	0	0
Polyplacophora												
Liolophura japonica	0	0	2.4	0	3	1.6	0	0.6	0	0	0	0.4
Polychaeta												
Spirorbis spp.	0	0	0	0	0	0	0	0	0.002	0	0.004	0
Bivalvia %												
Barbatia virescens	0	0	0	0	0	0	0	0	0	0	0	0
Saccostrea cucullata	1	1	7	3	17	11	0	< 1%	4	< 1%	2	< 1%
Mytilisepta virgata	0	0	5	< 1%	6	1	0	1	< 1%	2	0	< 1%
Hexanauplia %												
Amphibalanus amphitrite	0	0	1	0	0	0	0	0	0	0	0	0
Capitulum mitella	3	1	3	3	1	1	< 1%	4.	< 1%	0	0	0
Chthamalus malayensis	4	0	1	1	0	0	0	0	0	0	0	0
Tetraclita japonica	0	0	22	13	25	14	< 1%	1	< 1%	0	0	< 1%
Anthozoa %												
Diadumene lineata	0	0	0	0	0	0	0	0	< 1%	< 1%	0	< 1%
Spheractis cheungae	0	0	0	0	0	0	0	0	0	0	< 1%	0
Ulvophyceae %												
Chaetomorpha antennina	0	0	0	0	0	0	0	0	0	8	0	0
Ulva spp.	0	0	0	0	0	0	0	0	2	< 1%	0	< 1%
Phaeophyceae %												
Petalonia binghamiae	0	0	0	0	0	0	0	0	0	6	4	7
Hapalospongidion gelatinosum	0	6	0	0	0	0	0	0	0	0	0	0
Florideophyceae %												
Gelidium pusillum	0	0	0	0	0	0	0	1	0	0	2	0
Hildenbrandia occidentalis	0	0	0	0	0	0	0	0	8	4	2	0
Hildenbrandia rubra	0	0	28	2	0	0	25	9	25	4	21	24
Chlorophyceae %												
Pseudulvella applanata	0	0	12	0	0	0	0	0	0	0	24	0
Cyanophyceae %												
Kyrtuthrix maculans	0	0	0	0	0	0	0	2	4	0	< 1%	0
Chroococcus sp.	4	0	0	0	0	0	2	0	0	0	0	0

Table 9C.4 Mean Density (m^{-2}) of Intertidal Fauna and Mean Percentage Cover (%) of Sessile Fauna and Flora recorded in Transects T10 and T11 at Pak Chau in the Wet Season 2016 and Dry Season 2017

	Wet Season (2016)						Dry Season (2017)					
	High-Intertidal Zone		Mid-Intertidal Zone		Low-Intertidal Zone		High-Intertidal Zone		Mid-Intertidal Zone		Low-Intertidal Zone	
	T10	T11	T10	T11	T10	T11	T10	T11	T10	T11	T10	T11
Gastropoda												
Littoraria articulata	3.6	7.6	5.8	7.2	1.6	0.4	5.6	7.2	2.2	3.6	0	0
Echinolittorina radiata	3.6	5.4	0	0	0	0	15.6	17.4	0.4	1	0	0
Nerita albicilla	0	0	2	0.8	4	2	0	0	1	0.2	2.6	0.2
Nerita costata	0	0	0.2	0.2	0	0.2	0	0	0.6	0	0.4	0
Lunella coronata	0	0	0	0	0	0	0	0	0	0	2.4	0
Monodonta labio	0	0	0.4	0	0.2	0	0.2	0	5	3	4.6	1
Reishia clavigera	0	0	0	0.4	0.2	0.4	0	0	0	0	0	0
Reishia luteostoma	0	0	0.4	0.2	0	0	0	0	0	0	0	0
Nipponacmea concinna	0	0	0	0	0	0	0	0	0	0	0.2	0.2
Polyplacophora												
Liolophura japonica	0	0	0	0	0	0	0	0	0	0	1.4	0
Onithochiton hirasei	0	0	0	0	0	0	0	0	0	0	0.4	0
Malacostraca												
Hemigrapsus sanguineus	0.2	0	0.2	0	2.4	0.2	0	0	0	0	1.2	1
Ligia exotica	2.4	0	1.2	0	0	0	0	0	0	0	0	0
Bivalvia %												
Barbatia virescens	0	0	6	0	0	1	0	0	< 1%	0	< 1%	0
Saccostrea cucullata	3	0	0	2	3	6	0	0	1	3	3	1
Hexanauplia %												
Amphibalanus amphitrite	1	0	0	0	0	0	1	0	0	0	0	0
Capitulum mitella	0	0	0	0	0	0	0	0	1	1	0	0
Chthamalus malayensis	0	0	0	0	0	0	0	0	0	1	0	1
Tetraclita japonica	0	0	0	0	0	0	0	0	0	1	0	0
Anthozoa %												
Diadumene lineata	0	0	< 1%	1	0	5	0	0	0	0	< 1%	1
Florideophyceae %												
Corallina spp.	0	0	0	0	0	0	0	0	0	1	0	18
Hildenbrandia rubra	0	4	0	0	0	0	1	0	52	12	4	0
Phaeophyceae %												
Feldmannia mitchelliae	0	0	16	36	42	70	0	0	0	24	8	0
Ulvophyceae %												
Ulva sp.	0	0	0	0	0	0	0	0	5	0	16	28
Cyanophyceae %												
Chroococcus sp.	4	30	0	0	0	0	0	0	0	0	0	0

Table 9C.5 Subtidal Soft Bottom Survey Raw Data - Dry Season Abundance

Phylum	Class	Order	Family	Species	B1-1	B1-2	B2-1	B2-2	B3-1	B3-2	B4-1	B4-2	B5-1	B5-2	B6-1	B6-2	B7-1	B7-2	B8-1	B8-2	B9-1	B9-2	B10-1	B10-2	B11-1	B11-2	B12-1	B12-2	B13-1	B13-2	B14-1	B14-2	B15-1	B15-2	B16-1	B16-2
Annelida	Polychaeta	Amphinomida	Amphinomidae	*Amphinome rostrata*	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
Annelida	Polychaeta	Canalipalpata	Sabellidae	*Chone* sp.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Canalipalpata	Sabellidae	*Potamilla* sp.	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	*Capitella capitata*	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	*Mediomastus californiensis*	0	0	0	0	2	0	0	0	2	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	1
Annelida	Polychaeta	Capitellida	Capitellidae	*Notomastus latericeus*	3	1	4	3	1	0	1	2	1	14	1	2	0	1	3	2	3	5	3	1	3	6	1	1	1	1	2	4	0	0	0	0
Annelida	Polychaeta	Cossurida	Cossuridae	*Cossura dimorpha*	0	0	0	0	1	0	0	0	0	0	1	0	2	0	0	1	1	1	1	1	0	1	1	0	0	0	1	1	0	0	0	0
Annelida	Polychaeta	Eunicida	Dorvilleidae	*Dorvillea* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Eunice indica*	2	4	1	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Marphysa bellii*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Marphysa sanguinea*	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	*Lumbrineris* sp.	0	2	1	0	1	1	0	0	1	1	0	1	3	2	0	1	2	0	0	3	0	1	1	0	1	0	1	2	0	0	0	1
Annelida	Polychaeta	Eunicida	Onuphidae	*Diopatra chiliensis*	0	0	2	4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	*Pherusa plumosa*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
Annelida	Polychaeta	Opheliida	Opheliidae	*Ophelina grandis*	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	3	2	1	0	1	0	0	0	0	0	0
Annelida	Polychaeta	Opheliida	Scaligremidae	*Scalibregma inflatum*	0	0	0	0	0	0	0	0	0	0	0	2	0	0	9	5	6	2	0	0	0	0	0	0	0	0	0	4	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	*Scoloplos marsupialis*	0	0	9	1	2	0	0	1	0	1	1	0	0	0	5	1	5	1	0	1	0	1	0	2	0	1	0	2	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Parahalosydnopsis hartmanae*	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	*Glycera chirori*	3	6	10	6	0	0	0	0	6	3	2	1	2	2	0	0	4	1	0	1	0	1	1	0	0	0	1	1	0	0	1	1
Annelida	Polychaeta	Phyllodocida	Glyceridae	*Glycera onomichiensis*	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	2	0	1	1	0	2	0	0	3	0	0	2	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	*Glycinde gurjanovae*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionedae	*Hesione sp.*	0	0	0	1	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Leocrates chinensis*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Oxydromus angustifrons*	7	0	3	4	0	0	0	0	3	2	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	*Aglaophamus dibranchis*	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	*Aglaophamus lyrochaeta*	2	1	7	3	1	1	0	4	0	4	1	0	0	1	0	0	0	2	2	3	1	3	1	1	0	2	6	2	4	4	3	0
Annelida	Polychaeta	Phyllodocida	Nereididae	*Leonnates decipiens*	4	2	1	2	0	0	0	0	1	1	0	10	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0
Annelida	Polychaeta	Phyllodocida	Nereididae	*Nereis* sp.	0	3	3	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Paralacydoniidae	*Paralacydonia paradoxa*	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	*Eulalia viridis*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	*Phyllodoce malmgreni*	1	0	1	3	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
Annelida	Polychaeta	Phyllodocida	Pilargidae	*Cabira pilargiformis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Pilargidae	*Sigambra hanaokai*	0	0	2	2	3	2	1	1	2	6	2	2	1	0	1	0	0	1	0	3	2	7	0	0	0	1	6	5	1	2	1	1
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Gattyana* sp.	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Lepidonotus* sp.	2	0	1	2	1	0	0	1	0	2	0	2	0	0	1	1	0	0	0	2	0	0	0	0	0	3	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Sigalionidae	*Sthenolepis japonica*	0	0	0	4	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	1	2	0	1	0	0	1	1	0	0	1	0
Annelida	Polychaeta	Phyllodocida	Syllidae	*Eusyllis* sp.	1	0	0	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Chrysopetalidae	*Bhawania goodei*	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Micropodarke dubia*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0
Annelida	Polychaeta	Sabellida	Oweniidae	*Owenia fusiformis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Annelida	Polychaeta	Scolecida	Maldanidae	*Euclymene* sp.	0	0	1	0	0	2	1	0	2	1	0	0	0	1	0	1	0	0	0	1	0	3	0	0	1	1	0	0	1	0	0	2
Annelida	Polychaeta	Spionida	Cirratulidae	*Aphelochaeta multifilis*	5	1	6	11	0	3	0	1	5	12	0	0	0	0	0	0	3	0	0	0	0	0	0	0	8	0	1	0	0	0	1	0
Annelida	Polychaeta	Spionida	Magelonidae	*Magelona cincta*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Annelida	Polychaeta	Spionida	Magelonidae	*Magelona pacifica*	0	0	21	13	0	2	1	1	17	29	4	0	1	2	3	5	9	4	0	0	0	2	0	0	17	1	0	1	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	*Poecilochaetus serpens*	1	1	4	7	0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	1	1	0	0	0	5	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Laonice cirrata*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	4	2	4
Annelida	Polychaeta	Spionida	Spionidae	*Paraprionospio pinnata*	0	0	0	0	0	0	1	2	0	0	3	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Polydora* sp.	9	9	5	6	0	0	1	7	16	4	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	4	1	0	1	2
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio cirrifera*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio ehlersi*	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	3	0	1	1	0
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio queenslandica*	39	158	416	404	1	5	0	2	89	67	20	5	3	3	30	17	14	12	0	6	1	0	0	1	30	1	3	1	0	0	2	6
Annelida	Polychaeta	Spionida	Spionidae	*Pseudopolydora sp.*	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Spio martinensis*	0	2	0	4	0	0	0	0	4	0	0	0	0	0	1	2	2	3	2	4	4	8	1	5	0	0	3	2	0	0	0	0
Annelida	Polychaeta	Terebellida	Ampharetidae	*Isolda pulchella*	2	8	65	65	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Appharetidae	*Samytha* sp.	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinaridae	*Amphictene japonica*	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0
Annelida	Polychaeta	Terebellida	Pectinaridae	*Pectinaria* sp.	1	0	0	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Sabellidae	*Lygdamis indicus*	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Sternaspidae	*Sternaspis scutata*	0	0	0	0	5	2	0	3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	4	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Amaeana trilobata*	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Loimia medusa*	1	2	2	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	1	4	0	0	1	3	4	8	3	2	0	1
Annelida	Polychaeta	Terebellida	Terebellidae	*Pista cristata*	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Annelida	Polychaeta	Terebellida	Trichobranchidae	*Terebellides stroemii*	0	0	0	0	2	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	2	0	0	3	3	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Paraonidae	*Aricidea fragilis*	0	0	0	0	3	0	0	0	0	2	1	0	0	0	4	1	0	2	0	3	0	3	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	*Byblis sp.*	16	27	39	114	1	1	0	3	38	46	0	4	0	0	4	3	3	1	0	0	0	3	0	0	1	1	7	4	0	0	1	0
Arthropoda	Malacostraca	Amphipoda	Corophiidae	*Corophium sp.*	1	0	0	0	0	0	0	0	6	4	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	*Paranthura japonica*	1	1	0	0	0	0	0	0	0	0	0	0	0	0	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	*Nihonotrypaea japonica*	0	1	1	3	0	0	0	0	0	2	1	4	0	0	5	4	2	4	0	2	0	1	1	0	0	0	2	2	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	*Alpheus* sp.	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	2	0	0	0	1	0	0	0
Arthropoda	Malacostraca	Decapoda	Caprellidae	*Caprella* sp.	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Diogenidae	*Diogenes* sp.	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Euryplacidae	*Trissoplax dentata*	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Hexapodidae	*Mariaplax granulifera*	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	1	0	0
Arthropoda	Malacostraca	Decapoda	Macrophthalmidae	*Macrophthalmus sp.*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Ogyrididae	*Ogyrides striaticauda*	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pilumnidae	*Typhlocarcinus nudus*	9	0	3	3	1	0	0	0	0	1	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Porcellanidae	*Raphidopus ciliatus*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Arthropoda	Malacostraca	Decapoda	Portunidae	*Charybdis variegata*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Xenophthalmidae	*Neoxenophthalmus obscurus*	0	0	0	0	0	0	0	1	7	11	1	2	1	0	0	0	1	1	1	3	0	4	1	2	1	0	4	8	4	5	1	1
Arthropoda	Hexanauplia	Sessilia	Balanidae	*Balanus* sp.	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Porcellanidae	*Petrolisthes* sp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chordata	Actinopterygii	Anguilliformes	Ophichthyidae	*Pisodonophis cancrivorus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
Chordata	Actinopterygii	Perciformes	Eleotridae	*Bostrychus sinensis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Chordata	Actinopterygii	Perciformes	Gobiidae	*Trypauchen vagina*	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	*Cerianthus* sp.	0	1	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	*Virgularia* sp.	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinodermata	Holothuroidea	Apoda	Synaptidae	*Protankyra bidentata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	*Amphioplus laevis*	8	8	3	2	10	0	0	4	1	9	0	2	1	0	19	10	5	5	7	8	11	40	16	12	2	4	16	19	3	3	3	2
Annelida	Polychaeta	Echiuroidea	Thalassematidae	*Thalassema mortenseni*	1	5	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Mollusca	Bivalvia	Myida	Corbulidae	Corbula scaphoides	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Mytilida	Mytilidae	*Modiolus modulaides*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Mollusca	Bivalvia	Ostreida	Ostreidae	*Crassostrea sp.*	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Cardiida	Veneridae	*Dosinia corrugata*	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Mollusca	Bivalvia	Adapedonta	Pharidae	*Sinonovacula constricta*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Cardiida	Psammobiidae	*Gari elongata*	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Adapedonta	Solenidae	*Solen* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
Mollusca	Bivalvia	Cardiida	Tellinidae	*Moerella rutila*	0	0	0	0	0	0	0	3	1	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	1	0
Mollusca	Bivalvia	Cardiida	Tellinidae	*Nitidotellina lischkei*	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
Mollusca	Bivalvia	Venerida	Veneridae	*Paratapes undulatus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Mollusca	Bivalvia	Venerida	Veneridae	*Ruditapes philippinarum*	0	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Venerida	Veneridae	*Timoclea imbricata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Mollusca	Bivalvia	Arcida	Aricidae	*Mesocibota bistrigata*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Arcida	Arcidae	*Mesocibota bistrigata*	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Lineidae	*Cerebratulina sp.*	1	1	3	5	1	1	0	1	1	1	1	1	0	1	3	1	1	2	0	0	2	1	0	0	1	1	2	1	0	0	0	1
Platyhelminthes	Rhabditophora	Polycladida	Leptoplanidae	*Leptoplana* sp.	2	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sipuncula	Phascolosomatidea	Phascolosomatida	Phascolosomatidae	*Apionsoma trichocephalus*	2	0	2	5	2	0	0	1	7	7	5	3	15	2	8	12	1	0	0	1	0	4	0	0	0	2	0	1	0	0	0	0
Sipuncula	Sipunculidea	Sipunculiformes	Sipunculidae	*Sipunculus nudus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 9C.6 Subtidal Soft Bottom Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	B1-1	B1-2	B2-1	B2-2	B3-1	B3-2	B4-1	B4-2	B5-1	B5-2	B6-1	B6-2	B7-1	B7-2	B8-1	B8-2	B9-1	B9-2	B10-1	B10-2	B11-1	B11-2	B12-1	B12-2	B13-1	B13-2	B14-1	B14-2	B15-1	B15-2	B16-1	B16-2
Annelida	Polychaeta	Amphinomida	Amphinomidae	*Amphinome rostrata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	*Notomastus latericeus*	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0	3	0	0	0	0	0	1	0	0	0	0	0	1	2	0
Annelida	Polychaeta	Capitellida	Maldanidae	*Praxiella gracilis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Cossurida	Cossuridae	*Cossurella dimorpha*	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Eunice indica*	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Marphysa depressa*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	*Lumbrineris* sp.	0	0	0	0	0	0	0	0	1	0	0	1	0	1	3	0	0	0	1	2	0	0	0	1	1	0	2	1	0	2	1	1
Annelida	Polychaeta	Eunicida	Onuphidae	*Diopatra chiliensis*	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	*Brada villosa*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	*Pherusa plumosa*	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Opheliida	Opheliidae	*Ophelina grandis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	1	0	0	0	1	0	0	0	0
Annelida	Polychaeta	Opheliida	Scaligremidae	*Scalibregma inflatum*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	*Scoloplos marsupialis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	*Glycera chirori*	2	3	4	1	0	0	0	0	0	2	1	0	2	1	2	0	1	1	2	0	1	1	0	0	0	1	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	*Glycera onomichiensis*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Leocrates chinensis*	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Oxydromus angustifrons*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	*Aglaophamus lyrochaeta*	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	2	2	0	1	0	1	1	0	0	1	2	1	0	2
Annelida	Polychaeta	Phyllodocida	Nereididae	*Leonnates decipiens*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nereididae	*Nereis* sp.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Paralacydoniidae	*Paralacydonia paradoxa*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	*Phyllodoce malmgreni*	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Pilargidae	*Cabira pilargiformis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0
Annelida	Polychaeta	Phyllodocida	Pilargidae	*Sigambra hanaokai*	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Gattyana* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Lepidonotus* sp.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Sigalionidae	*Sthenolepis japonica*	2	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Chrysopetalidae	*Bhawania goodei*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Annelida	Polychaeta	Scolecida	Maldanidae	*Euclymene* sp.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Annelida	Polychaeta	Spionida	Cirratulidae	*Aphelochaeta multifilis*	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Magelonidae	*Magelona pacifica*	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	1	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	*Poecilochaetus serpens*	0	0	0	0	0	0	0	0	0	1	0	0	4	2	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	3	0
Annelida	Polychaeta	Spionida	Spionidae	*Laonice cirrata*	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0	8	3	3	1	0	0	1	1	1	8	4
Annelida	Polychaeta	Spionida	Spionidae	*Polydora* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio cirrifera*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio queenslandica*	1	5	1	0	0	0	0	7	11	1	7	3	6	4	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Annelida	Polychaeta	Terebellida	Ampharetidae	*Isolda pulchella*	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Appharetidae	*Samytha* sp.	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	*Amphictene japonica*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Sternaspidae	*Sternaspis scutata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Amaeana trilobata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Loimia medusa*	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	0	2	1	2	0	1	1	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Pista cristata*	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Annelida	Polychaeta	Terebellida	Trichobranchidae	*Terebellides stroemii*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	1	4	0	2	5	2	1	1	4
Annelida	Polychaeta	Orbiniida	Paraonidae	*Aricidea fragilis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	*Byblis* sp.	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	*Nihonotrypaea japonica*	1	0	0	0	0	0	0	0	1	1	0	0	0	1	2	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1
Arthropoda	Malacostraca	Cumacea	Bodotriidae	*Iphinoe* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	*Alpheus* sp.	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Hexapodidae	*Mariaplax granulifera*	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Macrophthalmidae	*Tritodynamia* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	*Metapenaeus* sp.	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pilumnidae	*Typhlocarcinus nudus*	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Xenophthalmidae	*Neoxenophthalmus obscurus*	1	5	2	1	0	0	0	0	5	2	0	0	1	1	0	0	0	1	4	0	0	0	2	1	0	0	3	3	0	2	0	0
Arthropoda	Malacostraca	Tanaidacea	Apseudidae	*Apseudes* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pilumnidae	*Pilumnus longicornis*	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chordata	Actinopterygii	Perciformes	Gobiidae	*Glossogobius giuris*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	*Cerianthus* sp.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinodermata	Echinoidea	Camarodonta	Temnopleuridae	*Temnopleurus toreumaticus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Echinodermata	Stelleroidea	Ophiurida	Amphiuridae	*Amphioplus laevis*	6	9	1	1	0	0	0	0	10	4	0	0	1	1	6	2	1	6	7	18	2	5	9	7	4	3	6	12	5	9	6	1
Annelida	Polychaeta	Echiuroidea	Thalassematidae	*Thalassema mortenseni*	0	1	1	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Mollusca	Bivalvia	Myida	Corbulidae	*Potamocorbula laevis*	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Nuculoida	Nuculanidae	*Saccella cuspidate*	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Veberoida	Mactridae	*Lutraria rhynchaena*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mollusca	Bivalvia	Adapedonta	Solenidae	*Solen* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Mollusca	Bivalvia	Cardiida	Tellinidae	*Nitidotellina valtonis*	1	1	0	2	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0
Mollusca	Bivalvia	Cardiida	Tellinidae	*Tellinides* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mollusca	Bivalvia	Venerida	Veneridae	*Ruditapes philippinarum*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Venerida	Veneridae	*Timoclea imbricata*	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Lineidae	*Cerebratulina* sp.	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	1	1	0	0	0	0	0	1	0	0	0	1	1	1	1
Sipuncula	Phascolosomatidea	Phascolosomatida	Phascolosomatidae	*Apionsoma trichocephalus*	0	0	0	0	0	0	0	0	1	0	0	2	10	8	3	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Sipuncula	Sipunculidea	Sipunculiformes	Sipunculidae	*Sipunculus nudus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 9C.7 Subtidal Soft Bottom Survey Raw Data - Dry Season Biomass (g)

Phylum	Class	Order	Family	Species	B1-1	B1-2	B2-1	B2-2	B3-1	B3-2	B4-1	B4-2	B5-1	B5-2	B6-1	B6-2	B7-1	B7-2	B8-1	B8-2	B9-1	B9-2	B10-1	B10-2	B11-1	B11-2	B12-1	B12-2	B13-1	B13-2	B14-1	B14-2	B15-1	B15-2	B16-1	B16-2
Annelida	Polychaeta	Amphinomida	Amphinomidae	*Amphinome rostrata*	0	0	0	0	0.1766	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1546	0	0	0	0	0	0
Annelida	Polychaeta	Canalipalpata	Sabellidae	*Chone* sp.	0	0.007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Canalipalpata	Sabellidae	*Potamilla* sp.	0	0	0	0.0025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	*Capitella capitata*	0	0	0	0	0	0	0	0	0.0004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	*Mediomastus californiensis*	0	0	0	0	0.0059	0	0	0	0.0004	0.0134	0	0	0	0	0	0	0	0	0	0	0	0	0.0448	0	0.0012	0	0	0	0	0.0057	0	0.0113
Annelida	Polychaeta	Capitellida	Capitellidae	*Notomastus latericeus*	0.0076	0.0005	0.0318	0.0041	0.0097	0	0.009	0.023	0.0044	0.0532	0.0376	0.0211	0	0.0041	0.0022	0.0136	0.0068	0.3351	0.0214	0.0036	0.0785	0.1869	0.0145	0.0078	0.0002	0.0268	0.0027	0.889	0	0	0	0
Annelida	Polychaeta	Cossurida	Cossuridae	*Cossura dimorpha*	0	0	0	0	0.0009	0	0	0	0	0	0.0052	0	0.0293	0	0	0.002	0.0066	0.0101	0.0031	0.002	0	0.0006	0.0062	0	0	0	0.0002	0.0002	0	0	0	0
Annelida	Polychaeta	Eunicida	Dorvilleidae	*Dorvillea* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.002	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Eunice indica*	0.0831	0.0368	0.0006	0.0096	0	0	0	0	0	0	0	0.0967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Marphysa bellii*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.013	0	0.0183	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Marphysa sanguinea*	0.1893	0	0	0	0	0	0	0	0	0	0	0.0818	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	*Lumbrineris* sp.	0	0.0151	0.0005	0	0.0011	0.0029	0	0	0.0005	0.0002	0	0.134	0.0115	0.0327	0	0.002	0.0017	0	0	0.0036	0	0.0005	0.006	0	0.0034	0	0.001	0.0002	0	0	0	0.1367
Annelida	Polychaeta	Eunicida	Onuphidae	*Diopatra chiliensis*	0	0	0.2353	0.0773	0	0	0	0	0	0	0.0027	1.0856	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0046	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	*Pherusa plumosa*	0	0	0	0	0.0004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0005	0	0	0	0	0	0.0023	0	0	0	0
Annelida	Polychaeta	Opheliida	Opheliidae	*Ophelina grandis*	0	0	0	0	0	0	0	0	0	0	0.0902	0	0	0	0	0	0	0	0.0172	0	0.1671	0.1846	0.1094	0.101	0	0.0801	0	0	0	0	0	0
Annelida	Polychaeta	Opheliida	Scaligremidae	*Scalibregma inflatum*	0	0	0	0	0	0	0	0	0	0	0	0.0264	0	0	0.0616	0.016	0.0417	0.0062	0	0	0	0	0	0	0	0	0	0.0106	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	*Scoloplos marsupialis*	0.0021	0	0.0269	0.0013	0.0048	0	0	0.0062	0	0.0016	0.0016	0	0	0	0.0325	0.0004	0.0084	0.0027	0	0.0015	0	0.001	0	0.0068	0	0.0009	0	0.0012	0	0	0	0
Annelida	Polychaeta	Phyllodocia	Polynoidae	*Parahalosydnopsis hartmanae*	0.0107	0.0384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	*Glycera chirori*	0.134	0.0978	0.4911	0.0664	0	0	0	0	0.0488	0.0012	0.0644	0.8565	0.0257	0.0523	0	0	0.0945	0.0224	0	0.0205	0	0.0638	0.0009	0	0	0	0.0235	0.0238	0	0	0.0092	0.002
Annelida	Polychaeta	Phyllodocida	Glyceridae	*Glycera onomichiensis*	0	0	0	0	0.0013	0	0	0.0026	0	0	0	0	0	0	0.0028	0	0.0136	0	0.0015	0.0054	0	0.0025	0	0	0.0538	0	0	0.0085	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	*Glycinde gurjanovae*	0	0	0	0	0	0.0025	0	0	0	0.0099	0	0	0	0	0	0	0	0	0	0	0	0	0.0183	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionedae	*Hesione sp.*	0	0	0	0.002	0	0	0	0	0	0	0	0.4827	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Leocrates chinensis*	0	0	0	0	0.0037	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Oxydromus angustifrons*	0.0541	0	0.0153	0.0143	0	0	0	0	0.0061	0.0002	0	0.0115	0.0015	0.001	0	0	0	0	0	0	0	0	0	0	0	0	0.0054	0.0025	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	*Aglaophamus dibranchis*	0	0	0	0	0.0066	0.0008	0	0	0	0.0021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0004	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	*Aglaophamus lyrochaeta*	0.0082	0.0003	0.0074	0.0016	0.0676	0.0283	0	0.0161	0	0.0055	0.0084	0	0	0.0872	0	0	0	0.015	0.0204	0.017	0.0163	0.0283	0.0085	0.0044	0	0.2238	0.1091	0.0921	0.0994	0.1407	0.1133	0
Annelida	Polychaeta	Phyllodocida	Nereididae	*Leonnates decipiens*	0.0259	0.0168	0.0004	0.0048	0	0	0	0	0.0004	0.0024	0	0.1791	0	0	0.017	0	0.0027	0	0	0.0051	0	0	0	0	0	0	0	0	0.009	0	0.0035	0
Annelida	Polychaeta	Phyllodocida	Nereididae	*Nereis* sp.	0	0.1183	0.0131	0.0088	0	0	0	0	0	0	0	0	0	0	0	0.0502	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Paralacydoniidae	*Paralacydonia paradoxa*	0.0026	0.0011	0.0023	0.0043	0	0	0	0	0	0	0	0	0	0	0	0	0.0064	0.0024	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	*Eulalia viridis*	0	0	0	0.0026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.001	0.0012	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	*Phyllodoce malmgreni*	0.0021	0	0.0019	0.0035	0	0	0	0	0.009	0.0003	0	0	0	0	0	0	0	0	0	0	0	0.0012	0	0	0	0	0	0	0	0	0.0322	0
Annelida	Polychaeta	Phyllodocida	Pilargidae	*Cabira pilargiformis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0031	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Pilargidae	*Sigambra hanaokai*	0	0	0.0002	0.0002	0.0021	0.0015	0.0043	0.0005	0.001	0.0032	0.0047	0.0059	0.0016	0	0.0048	0	0	0.0005	0	0.0043	0.0052	0.186	0	0	0	0.0006	0.0246	0.0127	0.0033	0.0072	0.0002	0.0032
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Gattyana* sp.	0.005	0.0021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Lepidonotus* sp.	0.0168	0	0.0005	0.0165	0.0031	0	0	0.0002	0	0.0009	0	0.0049	0	0	0.0008	0.001	0	0	0	0.0026	0	0	0	0	0	0.0075	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Sigalionidae	*Sthenolepis japonica*	0	0	0	0.1493	0	0	0	0	0	0	0	0.1678	0	0	0	0	0.029	0	0	0	0.0017	0.0031	0	0.0028	0	0	0.0017	0.003	0	0	0.0441	0
Annelida	Polychaeta	Phyllodocida	Syllidae	*Eusyllis* sp.	0.0011	0	0	0.0004	0	0	0	0	0	0.0003	0	0	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0	0.0008	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Chrysopetalidae	*Bhawania goodei*	0	0	0	0.0037	0	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Micropodarke dubia*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0005	0.0002	0	0	0	0	0	0
Annelida	Polychaeta	Sabellida	Oweniidae	*Owenia fusiformis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0649	0	0	0	0
Annelida	Polychaeta	Scolecida	Maldanidae	*Euclymene* sp.	0	0	0.0044	0	0	0.0499	0.0385	0	0.0216	0.0064	0	0	0	0.0074	0	0.001	0	0	0	0.0108	0	0.4299	0	0	0.0002	0.0146	0	0	0.0053	0	0	0.0365
Annelida	Polychaeta	Spionida	Cirratulidae	*Aphelochaeta multifilis*	0.0071	0.0019	0.0143	0.0104	0	0.0043	0	0.0002	0.0064	0.0108	0	0	0	0	0	0	0.0174	0	0	0	0	0	0	0	0.0169	0	0.0011	0	0	0	0.0002	0
Annelida	Polychaeta	Spionida	Magelonidae	*Magelona cincta*	0	0	0	0	0.0029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0016	0	0	0.003	0
Annelida	Polychaeta	Spionida	Magelonidae	*Magelona pacifica*	0	0	0.0384	0.0279	0	0.0022	0.002	0.0031	0.0415	0.0566	0.0055	0	0.0006	0.0055	0.0055	0.0142	0.0366	0.0073	0	0	0	0.0023	0	0	0.0422	0.0025	0	0.0004	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	*Poecilochaetus serpens*	0.0012	0.0005	0.0024	0.0073	0	0	0	0	0.0052	0	0	0	0.0025	0	0	0	0.0075	0	0	0.0006	0.0015	0	0	0	0.0138	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Laonice cirrata*	0	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0578	0.0201	0	0.0078	0	0	0	0.2333	0.0809	0.3534
Annelida	Polychaeta	Spionida	Spionidae	*Paraprionospio pinnata*	0	0	0	0	0	0	0.0098	0.0324	0	0	0.0203	0.0026	0	0.0355	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0036	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Polydora* sp.	0.0104	0.0074	0.0008	0.0026	0	0	0.004	0.0324	0.0245	0.0081	0	0	0	0	0	0	0	0	0.0041	0	0	0.0032	0	0	0.0038	0	0.001	0.0147	0.0045	0	0.0052	0.0087
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio cirrifera*	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio ehlersi*	0	0.0046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0016	0	0	0	0	0.0039	0.0041	0	0.0026	0.0014	0
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio queenslandica*	0.2515	1.1109	3.2158	3.4008	0.0315	0.0522	0	0.0131	0.7618	0.529	0.2027	0.0373	0.0164	0.0405	0.1563	0.1612	0.2146	0.2076	0	0.0105	0.0017	0	0	0.0028	0.2081	0.0002	0.0065	0.0071	0	0	0.0619	0.0522
Annelida	Polychaeta	Spionida	Spionidae	*Pseudopolydora sp.*	0.0047	0	0.0145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Spio martinensis*	0	0.0152	0	0.0101	0	0	0	0	0.0062	0	0	0	0	0	0.0215	0.0759	0.1311	0.1476	0.134	0.4926	0.2544	0.5918	0.09	0.5658	0	0	0.2053	0.0917	0	0	0	0
Annelida	Polychaeta	Terebellida	Ampharetidae	*Isolda pulchella*	0.0026	0.0327	0.2225	0.1447	0	0.0014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Appharetidae	*Samytha* sp.	0.0213	0	0	0	0	0.0015	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinaridae	*Amphictene japonica*	0	0	0	0	0	0	0	0.0009	0.0038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinaridae	*Pectinaria* sp.	0.0027	0	0	0.0538	0	0	0	0	0.0014	0.0036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0044	0	0	0.0014	0.0016	0	0	0
Annelida	Polychaeta	Terebellida	Sabellidae	*Lygdamis indicus*	0.0521	0	0	0.0312	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Sternaspidae	*Sternaspis scutata*	0	0	0	0	0.0068	0.0039	0	0.0039	0	0	0	0	0	0	0	0	0.0193	0.0126	0	0	0	0	0	0	0.002	0	0.0045	0.3186	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Amaeana trilobata*	0	0	0	0.0012	0	0	0	0.0009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0276	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Loimia medusa*	0.0181	0.1169	0.0518	0	0	0	0	0	0	0	0	0.0395	0	0	0	1.6057	0	0	0	0	0.2071	0.2153	0	0	0.329	5.4784	1.3014	2.9924	0.6922	0.7403	0	0.4821
Annelida	Polychaeta	Terebellida	Terebellidae	*Pista cristata*	0	0	0	0	0	0	0.0046	0.0007	0.0022	0.0296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0249	0	0.0601
Annelida	Polychaeta	Terebellida	Trichobranchidae	*Terebellides stroemii*	0	0	0	0	0.038	0.0031	0	0	0	0	0	0	0	0	0.0515	0	0	0	0	0	0	0.0067	0.1116	0	0	0.0342	0.0064	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Paraonidae	*Aricidea fragilis*	0	0	0	0	0.0011	0	0	0	0	0.0014	0.0009	0	0	0	0.004	0.0018	0	0.0085	0	0.0028	0	0.0025	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	*Byblis sp.*	0.0187	0.032	0.0188	0.0682	0.0003	0.0003	0	0.0036	0.0381	0.0234	0	0.0074	0	0	0.0017	0.02	0.0085	0.0009	0	0	0	0.0034	0	0	0.0002	0.0018	0.0061	0.0002	0	0	0.0011	0
Arthropoda	Malacostraca	Amphipoda	Corophiidae	*Corophium sp.*	0.0005	0	0	0	0	0	0	0	0.0116	0.0018	0	0	0	0	0.0002	0	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	*Paranthura japonica*	0.0015	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0.0152	0.001	0	0.0008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	*Nihonotrypaea japonica*	0	0.0196	0.0039	0.0881	0	0	0	0	0	0.0338	0.016	0.0995	0	0	0.1085	0.1219	0.0663	0.1638	0	0.0475	0	0.1036	0.0206	0	0	0	0.0415	0.0406	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	*Alpheus* sp.	0	0	0.0011	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6859	0	0	0.9089	0	0.0517	0	0	0.0731	0	0	0	0.1899	0	0	0
Arthropoda	Malacostraca	Decapoda	Caprellidae	*Caprella* sp.	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Diogenidae	*Diogenes* sp.	0	0.0432	0	0.0585	0	0	0	0	0	0	0	0	0	0	0	0.2274	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Euryplacidae	*Trissoplax dentata*	0	0	0	0	0	0	0	0	0	0	0	6.0056	0	0	0	0	0	0	0	0.0329	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Hexapodidae	*Mariaplax granulifera*	0	0	0	0	0	0	0	0.0174	0	0	0	0	0.0429	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1306	0.0567	0	0.0428	0	0
Arthropoda	Malacostraca	Decapoda	Macrophthalmidae	*Macrophthalmus sp.*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1875	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Ogyrididae	*Ogyrides striaticauda*	0	0	0	0	0	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pilumnidae	*Typhlocarcinus nudus*	2.1429	0	1.3647	1.6883	0.427	0	0	0	0	0.0286	0	0.4754	0	0	0	0	0	0	0	0.0533	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Porcellanidae	*Raphidopus ciliatus*	0	0	0	0.0475	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0383	0
Arthropoda	Malacostraca	Decapoda	Portunidae	*Charybdis variegata*	0	0	0	0.113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Xenophthalmidae	*Neoxenophthalmus obscurus*	0	0	0	0	0	0	0	0.019	0.1051	0.3357	0.0982	0.1449	0.1107	0	0	0	0.0398	0.3195	0.1432	0.2314	0	0.4529	0.1111	0.1225	0.0189	0	0.1031	1.3473	0.6581	0.2602	0.0417	0.1115
Arthropoda	Hexanauplia	Sessilia	Balanidae	*Balanus* sp.	0	0	0	0.4493	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Porcellanidae	*Petrolisthes* sp.	0	0	0	0	0	0	0	0	0	0	0	0.0283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chordata	Actinopterygii	Anguilliformes	Ophichthyidae	*Pisodonophis cancrivorus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.5162	0	0	0	0	1.0586	0	0	0	0
Chordata	Actinopterygii	Perciformes	Eleotridae	*Bostrychus sinensis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	0	0	0	0	0	0	0	0	0	0
Chordata	Actinopterygii	Perciformes	Gobiidae	*Trypauchen vagina*	0	0	0	0	0	0	0	0.236	0	0	3.1202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	*Cerianthus* sp.	0	0.0064	0	0	0	0	0	0	0	0	24.601	0	0	4.4459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	*Virgularia* sp.	0	0.0036	0.0005	0	0	0	0	0	0.0003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinodermata	Holothuroidea	Apoda	Synaptidae	*Protankyra bidentata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0076	0	0	0	0
Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	*Amphioplus laevis*	0.578	0.5435	0.2571	0.012	0.7269	0	0	0.0298	0.0024	0.1519	0	0.0201	0.0134	0	0.8895	0.2689	0.3494	0.122	0.1763	0.0981	0.3956	1.1621	0.7625	0.4422	0.0165	1.1839	0.9169	0.6621	0.1235	0.2265	0.0498	0.0754
Annelida	Polychaeta	Echiuroidea	Thalassematidae	*Thalassema mortenseni*	0.784	0.0406	0	0	0	0	0	0	0	0.0017	0	0.0131	0	0	0	0	0	0.8236	0	0	0	0	0	0	0.0216	0	0	0	0	0	0	0
Mollusca	Bivalvia	Myida	Corbulidae	Corbula scaphoides	0	0	0	0.0037	0	0	0	0	0	0.0074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Mytilida	Mytilidae	*Modiolus modulaides*	0	0	0	0.0019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1835	0	0	0	0	0	0	0
Mollusca	Bivalvia	Ostreida	Ostreidae	*Crassostrea sp.*	0.9777	0	0.0062	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Cardiida	Veneridae	*Dosinia corrugata*	0	0	0	0.0004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.005	0	0	0	0	0	0	0
Mollusca	Bivalvia	Adapedonta	Pharidae	*Sinonovacula constricta*	0	0	0	0.7757	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Cardiida	Psammobiidae	*Gari elongata*	0	0	0	0.0369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Adapedonta	Solenidae	*Solen* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1524	0.0452	0	0	0	0	0	0	0.2542
Mollusca	Bivalvia	Cardiida	Tellinidae	*Moerella rutila*	0	0	0	0	0	0	0	0.0422	0.0066	0.0905	0	0.112	0.0432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1843	0	0	0.0242	0
Mollusca	Bivalvia	Cardiida	Tellinidae	*Nitidotellina lischkei*	0	0	0	0	0	0	0	0.0078	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7202	0	0	0	0	0	0.0229	0	0	0	0
Mollusca	Bivalvia	Venerida	Veneridae	*Paratapes undulatus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.9767	0	0	0	0	0	0	0.0054	0	0	0	0	0	0	0
Mollusca	Bivalvia	Venerida	Veneridae	*Ruditapes philippinarum*	0	0	0.0641	0.1936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Venerida	Veneridae	*Timoclea imbricata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0272	0	0	0	0	0	0	0
Mollusca	Bivalvia	Arcida	Aricidae	*Mesocibota bistrigata*	0	0	0	0.0003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Arcida	Arcidae	*Mesocibota bistrigata*	0	0	1.5345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Lineidae	*Cerebratulina sp.*	0.0676	0.1095	0.0683	0.0247	0.0016	0.0118	0	0.0801	0.0147	0.0042	0.0021	0.0561	0	0.0422	0.1285	0.017	5.5876	0.1121	0	0	0.0625	0.0066	0	0	0.0081	0.0089	0.0631	0.0173	0	0	0	0.0209
Platyhelminthes	Rhabditophora	Polycladida	Leptoplanidae	*Leptoplana* sp.	0.0261	0.0039	0	0	0	0	0	0.0221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sipuncula	Phascolosomatidea	Phascolosomatida	Phascolosomatidae	*Apionsoma trichocephalus*	0.0041	0	0.0193	0.0211	0.0015	0	0	0.0101	0.0278	0.0237	0.038	0.0153	0.0982	0.0079	0.019	0.0276	0.0089	0	0	0.0005	0	0.006	0	0	0	0.0047	0	0.0002	0	0	0	0
Sipuncula	Sipunculidea	Sipunculiformes	Sipunculidae	*Sipunculus nudus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1784	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 9C.8 Subtidal Soft Bottom Survey Raw Data - Wet Season Biomass (g)

Phylum	Class	Order	Family	Species	B1-1	B1-2	B2-1	B2-2	B3-1	B3-2	B4-1	B4-2	B5-1	B5-2	B6-1	B6-2	B7-1	B7-2	B8-1	B8-2	B9-1	B9-2	B10-1	B10-2	B11-1	B11-2	B12-1	B12-2	B13-1	B13-2	B14-1	B14-2	B15-1	B15-2	B16-1	B16-2
Annelida	Polychaeta	Amphinomida	Amphinomidae	*Amphinome rostrata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1558	0	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	*Notomastus latericeus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1968	0.0052	0.1171	0	0.0207	0	0	0	0	0	0.0097	0	0	0	0	0	0.0118	0.0801	0
Annelida	Polychaeta	Capitellida	Maldanidae	*Praxilella gracilis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0068	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Cossurida	Cossuridae	*Cossurella dimorpha*	0	0	0	0	0	0	0	0	0	0	0	0.0061	0.0063	0	0	0	0	0.0115	0	0	0	0	0.0013	0	0	0	0.0028	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Eunice indica*	0.0391	0	0	0.0294	0	0	0	0	0	0.0015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	*Marphysa depressa*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0321	0.0714	0	0	0	0	0	0	0	0	0	0.0638	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	*Lumbrineris* sp.	0	0	0	0	0	0	0	0.002	0	0	0.006	0	0.0024	0.0064	0	0	0	0	0.1557	0.1697	0	0	0.0075	0.012	0	0.2701	0.0106	0	0.0102	0.2328	0.0143	0
Annelida	Polychaeta	Eunicida	Onuphidae	*Diopatra chilensis*	0	0	0	0	0	0	0	0	0	0	0.0188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	*Brada villosa*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0165	0	0	0	0.0455	0	0	0	0	0	0	0	0.025	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	*Pherusa plumosa*	0.1569	0	0	0.7722	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Opheliida	Opheliidae	*Ophelina grandis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.184	0	0.4651	0.1179	0	0	0	0.1179	0	0	0	0	0
Annelida	Polychaeta	Opheliida	Scaligremidae	*Scalibregma inflatum*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0083	0	0	0.0075	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	*Scoloplos marsupialis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0164	0.038	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	*Glycera chirori*	0.0557	0.043	0.1468	0.0846	0	0	0	0	0.025	0.0139	0	0.114	0.0008	0.012	0	0.0165	0.0211	0.197	0	0.0791	0.0452	0	0	0	0.0315	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	*Glycera onomichiensis*	0	0	0	0	0.0111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Leocrates chinensis*	0	0	0	0	0	0	0	0	0	0	0	0	0.0973	0	0	0	0.0072	0	0	0	0.0431	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	*Oxydromus angustifrons*	0	0	0	0.0047	0	0	0	0	0	0	0	0	0	0	0.0016	0	0	0	0	0	0	0.0045	0	0	0	0.0032	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	*Aglaophamus lyrochaeta*	0	0	0	0	0	0	0.0184	0.0024	0	0	0	0	0.0047	0	0.0035	0	0	0	0.0147	0.0229	0	0.0327	0	0.0042	0.0226	0	0	0.0084	0.0194	0.0083	0	0.0125	0
Annelida	Polychaeta	Phyllodocida	Nereididae	*Leonnates decipiens*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nereididae	*Nereis* sp.	0	0.0126	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0072	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Paralacydoniidae	*Paralacydonia paradoxa*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	*Phyllodoce malmgreni*	0	0.0023	0	0	0	0	0	0	0.0026	0	0	0	0	0	0	0.0019	0	0	0	0	0	0	0.0399	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Pilargidae	*Cabira pilargiformis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0088	0.0095	0	0	0	0	0	0	0	0	0.051	0
Annelida	Polychaeta	Phyllodocida	Pilargidae	*Sigambra hanaokai*	0	0	0	0	0	0	0	0	0.0014	0	0	0	0.0002	0	0	0	0.0015	0	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0039	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Gattyana* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	*Lepidonotus* sp.	0	0.006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0162	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Sigalionidae	*Sthenelepis japonica*	0.1166	0	0	0.0311	0	0	0	0	0	0	0	0	0	0	0.0134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Chrysopetalidae	*Bhawania goodei*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0032	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Scolecida	Maldanidae	*Euclymene* sp.	0	0	0	0	0	0	0	0	0	0	0.0134	0	0.0086	0	0	0.015	0	0	0	0	0.0355	0	0.1579	0	0	0	0	0	0	0	0	0.021	0
Annelida	Polychaeta	Spionida	Cirratulidae	*Aphelochaeta multifilis*	0.0006	0	0	0	0	0	0	0	0	0.057	0	0	0	0.0046	0.0054	0	0.0267	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Magelonidae	*Magelona pacifica*	0	0	0	0	0.0024	0	0	0	0	0.0142	0	0	0	0	0.001	0.0005	0.0217	0.0139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	*Poecilochaetus serpens*	0	0	0	0	0	0	0	0	0	0.0004	0	0	0.0191	0.0585	0	0	0.0103	0	0	0	0	0	0.0017	0.0047	0	0	0	0	0	0.0039	0.0173	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Laonice cirrata*	0	0	0	0	0	0	0	0	0	0	0.1152	0	0	0	0	0	0	0	0	0.241	0	1.4731	0.2761	0.5729	0.0484	0	0	0.0451	0.1325	0.5403	0.198	0
Annelida	Polychaeta	Spionida	Spionidae	*Polydora* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0075	0	0	0.0036	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio cirrifera*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0002	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	*Prionospio queenslandica*	0.0053	0.0193	0.0011	0	0	0	0	0	0.0508	0.0722	0.0085	0.057	0.0241	0.0062	0.0223	0	0.0172	0.0511	0	0	0	0	0	0	0	0	0	0	0	0	0.0018	0.0094	0
Annelida	Polychaeta	Terebellida	Ampharetidae	*Isolda pulchella*	0	0.0007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Ampharetidae	*Samytha* sp.	0	0	0.0175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	*Pectinaria japonica*	0	0	0	0.0435	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Sternaspidae	*Sternaspis scutata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0742	0.0418	0	0	0	0	0	0	0	0	0.0056	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Amaeana trilobata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0083	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Loimia medusa*	0	0	0.1758	0	0	0	0	0	0	0	0	5.9907	0	0	0	0	0	0	0	0	0	0.5846	0.8544	0	0	4.5715	0.7353	1.0215	0	0.5143	0.423	0
Annelida	Polychaeta	Terebellida	Terebellidae	*Pista cristata*	0	0	0	0	0	0	0	0	0.0261	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0202	0
Annelida	Polychaeta	Terebellida	Trichobranchidae	*Terebellides stroemii*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0068	0.0043	0	0	0.0078	0	0	0	0	0.021	0.0388	0	0.026	0.1758	0.0103	0.0062	0.001	0.0563	0
Annelida	Polychaeta	Orbiniida	Paraonidae	*Aricidea fragilis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0	0.0005	0	0	0	0.0008	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	*Byblis* sp.	0	0	0	0	0	0	0	0	0.0004	0	0	0	0	0	0.0134	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	*Nihonotrypaea japonica*	0.0823	0	0	0	0	0	0	0	0.0213	0.0063	0	0	0	0.0054	0.0512	0.0173	0	0	0	0.0204	0	0	0	0	0	0.0492	0	0	0.0145	0	0	0.0491	0
Arthropoda	Malacostraca	Cumacea	Bodotriidae	*Iphinoe* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	*Alpheus* sp.	0	0.3208	0	0	0	0	0	0	0	0.0679	0	0	0	0	0	0	0	0.0635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Hexapodidae	*Mariaplax granulifera*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0262	0	0	0	0	0.0357	0	0	0	0	0.0809	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Macrophthalmidae	*Tritodynamia* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0061	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	*Metapenaeus* sp.	0	0	0.0136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pilumnidae	*Typhlocarcinus nudus*	0	0.1081	0	0	0	0	0	0	0	0	0	0	0	0	2.2934	0.5567	0.6313	0	0	0	0	0	0	0	0	0	0	0.4457	0.5154	0	0.2567	0	0	0
Arthropoda	Malacostraca	Decapoda	Xenophthalmidae	*Neoxenophthalmus obscurus*	0.0812	1.1636	0.1183	0.0838	0	0	0	0	0.3184	0.1274	0	0	0.0701	0.1155	0	0	0	0.0342	0.6578	0	0	0	0.2564	0.1586	0	0	0.4457	0.5154	0	0.2567	0	0	0
Arthropoda	Malacostraca	Tanaidacea	Apseudidae	*Apseudes* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pilumnidae	*Pilumnus longicornis*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chordata	Actinopterygii	Perciformes	Gobiidae	*Glossogobius giuris*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5025	0	0	0	0	0	0	0	0	0	0.067	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	*Ceriantlius* sp.	0	0	0	0	0.9156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinodermata	Echinoidea	Camarodonta	Temnopleuridae	*Temnopleurus toreumaticus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1115	0
Echinodermata	Stelleroidea	Ophiurida	Amphiuridae	*Amphioplus laevis*	1.08	2.0363	0.0135	0.002	0	0	0	0	0.4088	0.1255	0	0	0.0148	0.0319	0.3013	0.0613	0.0549	0.141	0.2051	0.5577	0.0208	0.115	0.5206	0.3594	0.2187	0.177	0.3788	1.2023	0.2168	0.294	0.2216	0.0865	0
Annelida	Polychaeta	Echiuroidea	Thalassematidae	*Thalassema mortenseni*	0	0.0331	0.0622	0.0368	0	0	0	0	0	0	0	0	0	0.7933	0	0	0	0	0	0	0	0	0	0	0.0291	0	0	0	0.5523	0	0	0	0
Mollusca	Bivalvia	Myida	Corbulidae	*Potamocorbula laevis*	0	0	0	0	0	0	0.0911	0.0204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Nuculoida	Nuculanidae	*Saccella cuspidata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0289	0.0276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Veberoida	Mactridae	*Lutraria rhynchaena*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.084	0
Mollusca	Bivalvia	Adapedonta	Solenidae	*Solen* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1515	0	0
Mollusca	Bivalvia	Cardiida	Tellinidae	*Nitidotellina valtonis*	0.1618	0.4962	0	0.0732	0	0	0	0	0	0	0	0	0.1679	0.1833	0.027	0	0	0	0	0	0	0	0	0	0.257	0	0	0.4032	0	0	0	0	0
Mollusca	Bivalvia	Cardiida	Tellinidae	*Tellinides* sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0019	0
Mollusca	Bivalvia	Venerida	Veneridae	*Ruditapes philippinarum*	0	0	0	0.1162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca	Bivalvia	Venerida	Veneridae	*Timoclea imbricata*	0	0	0	0	0.2619	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Lineidae	*Cerebratulina* sp.	0	0.0592	0	0	0	0	0	0	0.0212	0	0	0	0.0035	0	0.0033	0.0984	0	0.0136	0.0205	0	0	0	0.0004	0	0	0	0	0.273	0.0019	0.0863	0.0051	0	0
Sipuncula	Phascolosomatidea	Phascolosomatida	Phascolosomatidae	*Apionsoma trichocephalus*	0	0	0	0	0	0	0	0	0.0011	0	0	0.0383	0.1076	0.0992	0.0101	0	0	0	0.0038	0	0	0	0.0036	0	0	0	0	0	0	0	0	0	0	0
Sipuncula	Sipunculidea	Sipunculiformes	Sipunculidae	*Sipunculus nudus*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.0469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 9C.9 Seabed Attributes along the Survey Transects at the LPS Seawall

	T1		T2		T3		T4	
	Shallow	**Deep**	**Shallow**	**Deep**	**Shallow**	**Deep**	**Shallow**	**Deep**
Transect depth (mCD)	-2 to -3	-6 to -8	-2 to -4	-6 to -7	-2 to -3	-6 to -8	-2 to -4	-6 to- 7
Seabed attributes								
Bedrock	0	0	0	0	0	0	0	0
Continuous pavement	0	0	0	0	0	1	0	3
Large Boulder (diam.>50cm)	6	6	6	6	6	5	6	5
Small Boulder (diam.<50cm)	3	3	3	3	3	3	3	3
Rock (<26cm)	0	1	0	0	0	0	0	0
Rubble	0	0	0	0	0	0	0	0
Mud/Silt	0	0	0	0	0	0	0	0
Sand	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Ecological attributes								
Hard coral	1	1	1	1	1	1	1	1
Octocoral (Soft corals and gorgonians)	0	1	0	1	0	1	0	1
Dead Coral	0	0	0	0	0	0	0	0
Other Benthos (sponges, zoanthids, ascidians and bryozoans)	1	1	1	1	1	1	1	1
Macroalgae	0	0	0	0	0	0	0	0

Notes:

(1) 0 = 0%, 1 = <5%, 2= 6 -10%, 3 = 11 – 30%, 4 = 31- 50%, 5 = 51 – 75%, 6 = 76 – 100%

Table 9C.10 Seabed Attributes along the Survey Transects at Tau Lo Chau

	T5		T6	
	Shallow	**Deep**	**Shallow**	**Deep**
Transect depth (mCD)	-3 to -6	-7 to -9	-3 to -5	-8 to -10
Seabed attributes				
Bedrock	1	0	0	1
Continuous pavement	1	1	1	1
Large Boulder (diam.>50cm)	0	0	0	0
Small Boulder (diam.<50cm)	2	2	2	2
Rock (<26cm)	0	0	0	0
Rubble	1	0	0	1
Mud/Silt	1	1	1	1
Sand	0	0	0	0
Other	2	2	2	2
Ecological attributes				
Hard coral	1	0	0	1
Octocoral (Soft corals and gorgonians)	1	1	1	1
Dead Coral	0	0	0	0
Other Benthos (sponges, zoanthids, ascidians and bryozoans)	2	2	2	2
Macroalgae	0	0	0	0

Notes:

(1) 0 = 0%, 1 = <5%, 2= 6 -10%, 3 = 11 – 30%, 4 = 31- 50%, 5 = 51 – 75%, 6 = 76 – 100%

Table 9C.11 Seabed Attributes along the Survey Transects at Yi O

	T7	T8	T9
Transect depth (mCD)	-2 to -3	-2 to -3	-2 to -3
Seabed attributes			
Bedrock	4	4	1
Continuous pavement	0	0	0
Large Boulder (diam.>50cm)	3	3	3
Small Boulder (diam.<50cm)	3	3	5
Rock (<26cm)	3	3	3
Rubble	3	3	3
Mud/Silt	0	0	0
Sand	3	3	3
Other	0	0	0
Ecological attributes			
Hard coral	1	0	0
Octocoral (Soft corals and gorgonians)	1	1	1
Dead Coral	1	1	1
Other Benthos (sponges, zoanthids, ascidians and bryozoans)	1	1	1
Macroalgae	0	0	0

Notes:

(1) 0 = 0%, 1 = <5%, 2= 6 -10%, 3 = 11 – 30%, 4 = 31- 50%, 5 = 51 – 75%, 6 = 76 – 100%

Table 9C.12 Seabed Attributes along the Survey Transects at Pak Chau

	T10		T11	
	Shallow	Deep	Shallow	Deep
Transect depth (mCD)	-2 to -4	-5	-2 to -5	-5 to -6
Seabed attributes				
Bedrock	0	0	0	0
Continuous pavement	0	0	0	0
Large Boulder (diam.>50cm)	5	1	5	1
Small Boulder (diam.<50cm)	2	0	2	0
Rock (<26cm)	2	0	2	0
Rubble	0	0	0	0
Mud/Silt	0	0	0	0
Sand	2	5	2	5
Other	0	0	0	0
Ecological attributes				
Hard coral	0	0	1	0
Octocoral (Soft corals and gorgonians)	2	0	3	0
Dead Coral	1	0	1	0
Other Benthos (sponges, zoanthids, ascidians and bryozoans)	1	0	1	0
Macroalgae	0	0	0	0

Notes:

(1) 0 = 0%, 1 = <5%, 2= 6 -10%, 3 = 11 – 30%, 4 = 31- 50%, 5 = 51 – 75%, 6 = 76 – 100%

Table 9C.13 Seabed Attributes along the Survey Transects along Pipeline Alignment

	F1	F3
Transect depth (mCD)	-15 to -16	-18
Seabed attributes		
Bedrock	0	0
Continuous pavement	0	0
Large Boulder (diam.>50cm)	0	0
Small Boulder (diam.<50cm)	1	1
Rock (<26cm)	1	1
Rubble	0	0
Mud/Silt	6	6
Sand	0	0
Other	0	0
Ecological attributes		
Hard coral	0	0
Octocoral (Soft corals and gorgonians)	1	1
Dead Coral	1	1
Other Benthos (sponges, zoanthids, ascidians and bryozoans)	1	1
Macroalgae	0	0

Notes:

(2) 0 = 0%, 1 = <5%, 2= 6 -10%, 3 = 11 – 30%, 4 = 31- 50%, 5 = 51 – 75%, 6 = 76 – 100%

Table 9C.14 Coral Species Recorded Along the Survey Transects

	LPS Seawall								Tau Lo Chau				Yi O			Pak Chau		Pipeline Alignment	
	T1 Shallow	T1 Deep	T2 Shallow	T2 Deep	T3 Shallow	T3 Deep	T4 Shallow	T4 Deep	T5 Shallow	T5 Deep	T6 Shallow	T6 Deep	T7	T8	T9	T10 Shallow	T11 Shallow	F1	F3
Hard Coral																			
Turbinaria peltata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oulastrea crispata	1	3	3	3	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Porites sp.	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Ahermatypic Hard Coral																			
Tubastrea/ Dendrophyllia sp.	0	2	0	3	0	3	0	3	1	0	0	1	0	0	0	0	0	0	0
Balanophyllia sp.	0	4	0	4	0	4	2	4	0	0	0	0	2	0	0	0	4	0	0
Octocoral																			
Dendronephthya sp.	0	1	0	0	0	1	0	0	4	4	3	3	0	0	0	0	0	0	0
Verrucella sp.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Guaiagorgia sp.	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	4	5	3	3
Echinomuricea sp.	0	1	0	2	0	3	0	2	4	4	2	4	0	0	0	0	0	0	0
Euplexaura sp.	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Menella sp. / *Paraplexaura* sp.	0	1	0	0	0	0	0	0	2	2	0	3	0	0	0	0	0	0	0
Black Coral																			
Antipathes sp.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

(1) 0=absent, 1=rare, 2=uncommon, 3=common, 4=abundant, 5=dominant

(2) The ranks shown in the Table above indicate the relative abundance of each coral in relation to other corals in the community. In other words, these broad categories rank taxa in terms of relative abundance of individuals, rather than the contribution to benthic cover along each transect. The ranks are subjective assessments of abundance, rather than quantitative counts of each taxon. For instance, if a coral is ranked as 'common', it means it was more frequent than other coral species along the transect. It should be borne in mind that coral cover along all of the transects where corals occurred was very low (<5% cover).