

Annex 8B

## Data of Marine Ecological Resources

**Table 1 Mean Density ( $m^{-2}$ ) of Intertidal Fauna and Mean Percentage Cover (%) of Sessile Fauna and Flora recorded Natural Rocky Shore Transects T1 and T2 at Black Point during Dry and Wet Season 2004 Surveys**

	Dry Season (2004)						Wet Season (2004)					
	High-Intertidal Zone		Mid-Intertidal Zone		Low-Intertidal Zone		High-Intertidal Zone		Mid-Intertidal Zone		Low-Intertidal Zone	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
<b>Snail</b>												
<i>Echinolittorina trochoides</i>	0	0	0	0	0	0	0	0.80 ± 2.53	0	0	0	0
<i>Echinolittorina radiata</i>	61.6 ± 170	3.60 ± 5.15	2.40 ± 5.06	3.60 ± 5.80	0	0	9.20 ± 21.2	9.60 ± 16.9	0	0	0	0
<i>Littoraria articulata</i>	173 ± 207	93.2 ± 102	74.0 ± 101	140 ± 140	0	0	27.2 ± 38.6	31.2 ± 44.9	2.40 ± 7.59	0	0	0
<i>Monodonta labio</i>	0	0	0.40 ± 1.26	0.80 ± 2.53	0.40 ± 1.26	0.80 ± 2.53	0	1.20 ± 3.79	0	0	0	0
<i>Nerita albicilla</i>	0	0	4.00 ± 7.54	7.60 ± 11.8	0	1.20 ± 2.70	0	0.40 ± 1.26	2.40 ± 3.86	34.4 ± 55.5	0	1.60 ± 2.80
<i>Thais clavigera</i>	0	0	0	0	1.20 ± 3.79	0	0	0	0	0	0.40 ± 1.26	1.60 ± 5.06
<b>Limpet</b>												
<i>Siphonaria japonica</i>	0	0	0	3.20 ± 7.73	0	13.6 ± 11.2	0	0	1.20 ± 2.70	4.80 ± 10.3	0	0
<i>Nipponacmea concinna</i>	0	0	0	0	0	2.00 ± 3.40	0	0	0	0	0	0
<i>Cellana toreuma</i>	0	0	0	0	0	0	0	0	3.20 ± 10.1	2.00 ± 4.32	0	0
<b>Bivalves %</b>												
<i>Saccostrea cucullata</i>	0	0	1.00 ± 2.11	0.90 ± 1.52	21.1 ± 26.3	4.30 ± 3.71	0	0.10 ± 0.32	12.1 ± 18.4	10.8 ± 12.7	1.00 ± 3.16	4.00 ± 9.66
<b>Barnacles %</b>												
<i>Tetraclita japonica</i>	0	0	1.60 ± 3.34	3.80 ± 3.74	16.2 ± 21.9	12.2 ± 11.9	0	0.10 ± 0.32	12.3 ± 16.1	18.8 ± 21.5	66.0 ± 17.1	44.0 ± 31.7
<i>Balanus amphitrite</i>	0.50 ± 1.58	0	0.60 ± 1.58	1.90 ± 2.85	9.60 ± 12.7	27.5 ± 19.3	0	0	0	0	0	0
<b>Algae %</b>												
Epiphytic algae	0	0	6.50 ± 12.5	0	17.0 ± 18.7	25.5 ± 29.9	0	0	0	0	27.4 ± 17.7	50.0 ± 29.1
Cyanobacteria	0	0	4.00 ± 9.37	5.00 ± 7.07	0.50 ± 1.58	11.0 ± 12.0	40.0 ± 33.7	18.0 ± 29.0	21.0 ± 23.3	9.00 ± 17.3	0	0

Table 2 Benthic Grab Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	A1	A2	A3	A4	A5	A6
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Isolda pulchella</i>	0	1	0	0	0	0
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Samytha besslei</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus californiensis</i>	0	0	1	0	2	3
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericeus</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Cirratulus filiformis</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Tharyx</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Marphysa stragulum</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa parmata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa plusoma</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>	1	0	1	0	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde gurjanovae</i>	0	0	0	1	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Goniada eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Micropodarke dubia</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Ophiodromus angustifrons</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Magelonidae	<i>Magelona pacifica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Maldanidae	<i>Euclymene</i> sp.	0	0	0	0	1	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	1	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Onuphis eremita</i>	1	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	<i>Pectinaria papillosa</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodoceidae	<i>Phyllodoce papillosa</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>	0	0	1	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>	0	0	0	0	1	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Gattyana</i> sp.	0	0	0	1	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.	0	0	0	0	1	0
Annelida	Polychaeta	Sabellida	Sabellidae	<i>Potamilla</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Laonice cirrata</i>	0	0	0	0	1	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio queenslandica</i>	0	1	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Scolecopsis squamata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>	1	0	0	0	0	0

Table 2 Benthic Grab Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	A1	A2	A3	A4	A5	A6
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Lysilla pacifica</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	<i>Alpheus</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	<i>Callianassa</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	<i>Paranthura</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Goneplacidae	<i>Typhlocarcinus nudus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pinnotheridae	<i>Neoxenopthalmus obscurus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Portunidae	<i>Charybdis variegata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Anchisquilla fasciata</i>	0	1	1	1	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Clorida latreillei</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	0	0	0	0	0	0
Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>	0	0	0	0	0	0
Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Actinia</i> sp.	0	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	<i>Cerianthus</i> sp.	1	1	0	0	1	1
Cnidaria	Anthozoa	Pennatulacea	Veretillidae	<i>Cavernularia obesa</i>	0	0	0	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>	1	0	0	1	0	0
Echinodermata	Ophiuroidea	Gnathophiurida	Amphiuridae	<i>Amphioplus laevis</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Caudinidae	<i>Acaudina molpadioides</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	<i>Phyllophorus</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	<i>Thyone</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Molpadiidae	<i>Molpadia</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Apodida	Synaptidae	<i>Protankyra bidentata</i>	0	1	2	1	2	4
Mollusca	Bivalvia	Myoida	Pholadidae	<i>Martesia yoshimurai</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Cultellidae	<i>Cultellus attenuatus</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Nuculoida	Nuculanidae	<i>Saccella parmata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Psammobiidae	<i>Psammobia radiata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen gordonis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen grandis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Tellinidae	<i>Moerella iridescens</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Veneridae	<i>Paphia undulata</i>	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	0	0	1	0	0	0
Platyhelminthes	Turbellaria	Polycladida	Leptoplanidae	<i>Leptoplana</i> sp.	0	0	0	0	0	0
Sipuncula	Phascolosomatidea	Phascolosomaliformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	0	0	1	0	0	0

Table 2 Benthic Grab Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	B1	B2	B3	B4	B5	B6
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Isolda pulchella</i>	7	0	0	19	3	3
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Samytha besslei</i>	0	0	0	0	1	0
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus californiensis</i>	1	0	1	0	2	5
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericeus</i>	1	1	1	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Cirratulus filiformis</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Tharyx</i> sp.	0	2	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>	0	1	0	0	1	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Marphysa stragulum</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa parmata</i>	0	0	0	1	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa plusoma</i>	0	0	2	0	0	1
Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>	2	0	0	4	2	1
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde gurjanovae</i>	1	0	0	0	0	3
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Goniada eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Micropodarke dubia</i>	0	0	0	0	0	2
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Ophiodromus angustifrons</i>	0	1	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	0	0	1	0	0	1
Annelida	Polychaeta	Spionida	Magelonidae	<i>Magelona pacifica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Maldanidae	<i>Euclymene</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	0	0	0	0	1	1
Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra</i> sp.	1	0	0	1	0	1
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Onuphis eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	<i>Pectinaria papillosa</i>	1	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodoceidae	<i>Phyllodoce papillosa</i>	0	0	0	1	1	0
Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Gattyana</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Sabellida	Sabellidae	<i>Potamilla</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Laonice cirrata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio queenslandica</i>	1	1	2	0	6	8
Annelida	Polychaeta	Spionida	Spionidae	<i>Scolecopsis squamata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>	0	0	0	0	0	0

Table 2 Benthic Grab Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	B1	B2	B3	B4	B5	B6
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Lysilla pacifica</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	<i>Alpheus</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	<i>Callianassa</i> sp.	0	0	0	1	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	<i>Paranthura</i> sp.	1	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Goneplacidae	<i>Typhlocarcinus nudus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pinnotheridae	<i>Neoxenopthalmus obscurus</i>	30	5	1	48	13	2
Arthropoda	Malacostraca	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Portunidae	<i>Charybdis variegata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Anchisquilla fasciata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Clorida latreillei</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	0	0	0	0	0	0
Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>	0	0	0	0	0	0
Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Actinia</i> sp.	0	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	<i>Cerianthus</i> sp.	0	0	1	0	1	0
Cnidaria	Anthozoa	Pennatulacea	Veretillidae	<i>Cavernularia obesa</i>	0	0	0	1	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>	0	0	0	0	0	0
Echinodermata	Ophiuroidea	Gnathophiurida	Amphiuridae	<i>Amphioplus laevis</i>	3	1	2	3	0	1
Echinodermata	Holothuroidea	Molpadiida	Caudinidae	<i>Acaudina molpadioides</i>	1	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	<i>Phyllophorus</i> sp.	5	0	2	0	2	0
Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	<i>Thyone</i> sp.	0	0	1	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Molpadiidae	<i>Molpadia</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Apodida	Synaptidae	<i>Protankyra bidentata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Myoida	Pholadidae	<i>Martesia yoshimurai</i>	2	0	0	0	1	0
Mollusca	Bivalvia	Veneroida	Cultellidae	<i>Cultellus attenuatus</i>	0	0	1	0	0	0
Mollusca	Bivalvia	Nuculoidea	Nuculanidae	<i>Saccella parmata</i>	0	0	0	1	0	0
Mollusca	Bivalvia	Veneroida	Psammobiidae	<i>Psammobia radiata</i>	0	0	0	1	0	1
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen gordonis</i>	0	0	1	1	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen grandis</i>	0	0	0	1	0	0
Mollusca	Bivalvia	Veneroida	Tellinidae	<i>Moerella iridescens</i>	3	0	0	2	1	0
Mollusca	Bivalvia	Veneroida	Veneridae	<i>Paphia undulata</i>	0	1	0	0	0	1
Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	0	1	0	1	0	1
Platyhelminthes	Turbellaria	Polycladida	Leptoplanidae	<i>Leptoplana</i> sp.	0	0	0	0	0	0
Sipuncula	Phascolosomatidea	Phascolosomaliformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	1	1	1	0	0	1

Table 2 Benthic Grab Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	C1	C2	C3	C4	C5	C6
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Isolda pulchella</i>	0	0	0	0	1	0
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Samytha besslei</i>	0	0	0	0	0	2
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus californiensis</i>	10	34	11	43	59	42
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericeus</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Cirratulus filiformis</i>	0	1	0	0	0	1
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Tharyx</i> sp.	0	0	0	1	1	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>	0	0	0	1	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Marphysa stragulum</i>	1	0	1	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa parmata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa plusoma</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>	2	4	0	4	3	3
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde gurjanovae</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Goniada eremita</i>	1	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Micropodarke dubia</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Ophiodromus angustifrons</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Magelonidae	<i>Magelona pacifica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Maldanidae	<i>Euclymene</i> sp.	0	1	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	0	1	0	0	2	8
Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.	0	0	0	0	0	1
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra</i> sp.	0	0	0	0	0	1
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Onuphis eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	<i>Pectinaria papillosa</i>	0	0	0	0	0	1
Annelida	Polychaeta	Phyllodocida	Phyllodoceidae	<i>Phyllodoce papillosa</i>	0	0	0	0	0	1
Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>	0	0	0	0	0	2
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Gattyana</i> sp.	0	0	1	0	0	1
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Sabellida	Sabellidae	<i>Potamilla</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Laonice cirrata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio queenslandica</i>	2	48	9	16	60	86
Annelida	Polychaeta	Spionida	Spionidae	<i>Scolecopsis squamata</i>	0	0	0	1	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>	0	0	1	0	0	0

Table 2 Benthic Grab Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	C1	C2	C3	C4	C5	C6
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Lysilla pacifica</i>	0	0	2	1	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	<i>Alpheus</i> sp.	0	0	0	0	0	1
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.	0	0	0	0	1	1
Arthropoda	Malacostraca	Decapoda	Callianassidae	<i>Callianassa</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	<i>Paranthura</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Goneplacidae	<i>Typhlocarcinus nudus</i>	0	0	0	0	1	0
Arthropoda	Malacostraca	Decapoda	Pinnotheridae	<i>Neoxenopthalmus obscurus</i>	0	4	0	2	0	1
Arthropoda	Malacostraca	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	0	1	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Portunidae	<i>Charybdis variegata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Anchisquilla fasciata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Clorida latreillei</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	0	3	0	0	0	0
Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>	0	0	0	1	0	0
Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Actinia</i> sp.	0	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	<i>Cerianthus</i> sp.	0	0	0	0	0	1
Cnidaria	Anthozoa	Pennatulacea	Veretillidae	<i>Cavernularia obesa</i>	0	0	2	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>	0	0	0	0	0	0
Echinodermata	Ophiuroidea	Gnathophiurida	Amphiuridae	<i>Amphioplus laevis</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Caudinidae	<i>Acaudina molpadioides</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	<i>Phyllophorus</i> sp.	0	2	0	0	1	0
Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	<i>Thyone</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Molpadiidae	<i>Molpadia</i> sp.	0	0	0	0	0	1
Echinodermata	Holothuroidea	Apodida	Synaptidae	<i>Protankyra bidentata</i>	2	1	5	0	0	0
Mollusca	Bivalvia	Myoida	Pholadidae	<i>Martesia yoshimurai</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Cultellidae	<i>Cultellus attenuatus</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Nuculoida	Nuculanidae	<i>Saccella parmata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Psammobiidae	<i>Psammobia radiata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen gordonis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen grandis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Tellinidae	<i>Moerella iridescens</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Veneridae	<i>Paphia undulata</i>	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	0	0	0	0	0	0
Platyhelminthes	Turbellaria	Polycladida	Leptoplanidae	<i>Leptoplana</i> sp.	0	0	0	0	0	0
Sipuncula	Phascolosomatidea	Phascolosomaliformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	0	0	0	0	0	1



Table 2 Benthic Grab Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	D1	D2	D3	D4	D5	D6
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Isolda pulchella</i>	0	0	2	21	0	1
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Samytha besslei</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus californiensis</i>	0	0	0	1	4	4
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericeus</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Cirratulus filiformis</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Tharyx</i> sp.	0	0	0	2	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Marphysa stragulum</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa parmata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa plusoma</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>	6	4	5	7	4	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde gurjanovae</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Goniada eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Micropodarke dubia</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Ophiodromus angustifrons</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Magelonidae	<i>Magelona pacifica</i>	0	0	0	0	0	1
Annelida	Polychaeta	Capitellida	Maldanidae	<i>Euclymene</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.	4	1	0	0	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra</i> sp.	0	1	1	1	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Onuphis eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos</i> sp.	0	0	0	5	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	<i>Pectinaria papillosa</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodoceidae	<i>Phyllodoce papillosa</i>	0	0	0	0	1	0
Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>	0	0	0	0	0	1
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Gattyana</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Sabellida	Sabellidae	<i>Potamilla</i> sp.	0	1	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Laonice cirrata</i>	0	0	0	0	0	1
Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio queenslandica</i>	0	0	0	8	4	4
Annelida	Polychaeta	Spionida	Spionidae	<i>Scolecopsis squamata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>	0	0	0	1	0	0

Table 2 Benthic Grab Survey Raw Data - Wet Season Abundance

Phylum	Class	Order	Family	Species	D1	D2	D3	D4	D5	D6
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Lysilla pacifica</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	<i>Alpheus</i> sp.	2	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.	0	0	0	1	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	<i>Callianassa</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	<i>Paranthura</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	0	0	0	0	1	0
Arthropoda	Malacostraca	Decapoda	Goneplacidae	<i>Typhlocarcinus nudus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pinnotheridae	<i>Neoxenopthalmus obscurus</i>	1	0	2	0	0	0
Arthropoda	Malacostraca	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	0	1	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Portunidae	<i>Charybdis variegata</i>	0	0	2	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Anchisquilla fasciata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Clorida latreillei</i>	0	1	1	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	0	0	0	0	0	0
Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>	1	0	0	0	0	0
Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Actinia</i> sp.	0	0	0	0	0	1
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	<i>Cerianthus</i> sp.	0	0	0	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Veretillidae	<i>Cavernularia obesa</i>	0	0	0	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>	0	0	0	0	0	0
Echinodermata	Ophiuroidea	Gnathophiurida	Amphiuridae	<i>Amphioplus laevis</i>	0	1	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Caudinidae	<i>Acaudina molpadioides</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	<i>Phyllophorus</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	<i>Thyone</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Molpadiidae	<i>Molpadia</i> sp.	0	0	2	0	1	0
Echinodermata	Holothuroidea	Apodida	Synaptidae	<i>Protankyra bidentata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Myoida	Pholadidae	<i>Martesia yoshimurai</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Cultellidae	<i>Cultellus attenuatus</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Nuculoidea	Nuculanidae	<i>Saccella parmata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Psammobiidae	<i>Psammobia radiata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen gordonis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen grandis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Tellinidae	<i>Moerella iridescens</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Veneridae	<i>Paphia undulata</i>	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	0	0	0	1	0	0
Platyhelminthes	Turbellaria	Polycladida	Leptoplanidae	<i>Leptoplana</i> sp.	0	0	0	0	1	0
Sipuncula	Phascolosomatidea	Phascolosomaliformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	0	0	0	0	0	0

Table 3 Benthic Grab Survey Raw Data - Wet Season Biomass (in g)

Phylum	Class	Order	Family	Species	A1	A2	A3	A4	A5	A6
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Isolda pulchella</i>	0	0.0108	0	0	0	0
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Samytha besslei</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus californiensis</i>	0	0	0.0041	0	0.0674	0.0427
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericeus</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Cirratulus filiformis</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Tharyx</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Marphysa stragulum</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa parmata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa plusoma</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>	0.1145	0	0.1017	0	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde gurjanovae</i>	0	0	0	0.0155	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Goniada eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Micropodarke dubia</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Ophiodromus angustifrons</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Magelonidae	<i>Magelona pacifica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Maldanidae	<i>Euclymene</i> sp.	0	0	0	0	0.0282	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	0.0062	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Onuphis eremita</i>	0.1179	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	<i>Pectinaria papillosa</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	<i>Phyllodoce papillosa</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>	0	0	0.0008	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>	0	0	0	0	0.0237	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Gattyana</i> sp.	0	0	0	0.0208	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.	0	0	0	0	0.032	0
Annelida	Polychaeta	Sabellida	Sabellidae	<i>Potamilla</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Laonice cirrata</i>	0	0	0	0	0.0216	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio queenslandica</i>	0	0.0252	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Scolecopsis squamata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>	1.3735	0	0	0	0	0

Table 3 Benthic Grab Survey Raw Data - Wet Season Biomass (in g)

Phylum	Class	Order	Family	Species	A1	A2	A3	A4	A5	A6
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Lysilla pacifica</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	<i>Alpheus</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	<i>Callianassa</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	<i>Paranthura</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Goneplacidae	<i>Typhlocarcinus nudus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pinnotheridae	<i>Neoxenopthalmus obscurus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Portunidae	<i>Charybdis variegata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Anchisquilla fasciata</i>	0	0.0498	0.0107	0.0172	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Clorida latreillei</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	0	0	0	0	0	0
Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>	0	0	0	0	0	0
Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Actinia</i> sp.	0	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	<i>Cerianthus</i> sp.	0.3129	0.0125	0	0	0.3476	0.0841
Cnidaria	Anthozoa	Pennatulacea	Veretillidae	<i>Cavernularia obesa</i>	0	0	0	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>	0.0281	0	0	0.1081	0	0
Echinodermata	Ophiuroidea	Gnathophiurida	Amphiuridae	<i>Amphioplus laevis</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Caudinidae	<i>Acaudina molpadioides</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	<i>Phyllophorus</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	<i>Thyone</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Molpadiidae	<i>Molpadia</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Apodida	Synaptidae	<i>Protankyra bidentata</i>	0	1.8982	2.3495	3.385	3.9709	8.9567
Mollusca	Bivalvia	Myoida	Pholadidae	<i>Martesia yoshimurai</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Cultellidae	<i>Cultellus attenuatus</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Nuculoida	Nuculanidae	<i>Saccella parmata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Psammobiidae	<i>Psammobia radiata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen gordonis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen grandis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Tellinidae	<i>Moerella iridescens</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Veneridae	<i>Paphia undulata</i>	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	0	0	1.2095	0	0	0
Platyhelminthes	Turbellaria	Polycladida	Leptoplanidae	<i>Leptoplana</i> sp.	0	0	0	0	0	0
Sipuncula	Phascolosomatidea	Phascolosomaliformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	0	0	0.0343	0	0	0

Table 3 Benthic Grab Survey Raw Data - Wet Season Biomass (in g)

Phylum	Class	Order	Family	Species	B1	B2	B3	B4	B5	B6
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Isolda pulchella</i>	0.0538	0	0	0.1426	0.026	0.0138
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Samytha besslei</i>	0	0	0	0	0.0295	0
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus californiensis</i>	0.0011	0	0.0034	0	0.014	0.0711
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericeus</i>	0.0427	0.0206	0.0608	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Cirratulus filiformis</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Tharyx</i> sp.	0	0.0023	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>	0	0.057	0	0	0.0158	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Marphysa stragulum</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa parmata</i>	0	0	0	0.314	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa plusoma</i>	0	0	0.3023	0	0	0.0027
Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>	0.0345	0	0	0.0947	0.2019	0.0571
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde gurjanovae</i>	0.0071	0	0	0	0	0.0318
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Goniada eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Micropodarke dubia</i>	0	0	0	0	0	0.0342
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Ophiodromus angustifrons</i>	0	0.0066	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	0	0	0.0074	0	0	0.0122
Annelida	Polychaeta	Spionida	Magelonidae	<i>Magelona pacifica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Maldanidae	<i>Euclymene</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	0	0	0	0	0.0021	0.0023
Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra</i> sp.	0.3349	0	0	0.0853	0	0.1401
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Onuphis eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	<i>Pectinaria papillosa</i>	0.0558	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	<i>Phyllodoce papillosa</i>	0	0	0	0.0043	0.0335	0
Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Gattyana</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Sabellida	Sabellidae	<i>Potamilla</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Laonice cirrata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio queenslandica</i>	0.0066	0.0012	0.0214	0	0.0843	0.1502
Annelida	Polychaeta	Spionida	Spionidae	<i>Scolecopsis squamata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>	0	0	0	0	0	0

Table 3 Benthic Grab Survey Raw Data - Wet Season Biomass (in g)

Phylum	Class	Order	Family	Species	B1	B2	B3	B4	B5	B6
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Lysilla pacifica</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	<i>Alpheus</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	<i>Callianassa</i> sp.	0	0	0	0.0837	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	<i>Paranthura</i> sp.	0.0008	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Goneplacidae	<i>Typhlocarcinus nudus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pinnotheridae	<i>Neoxenopthalmus obscurus</i>	3.0724	3.0164	0.2766	5.6451	1.4113	1.8786
Arthropoda	Malacostraca	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Portunidae	<i>Charybdis variegata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Anchisquilla fasciata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Clorida latreillei</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	0	0	0	0	0	0
Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>	0	0	0	0	0	0
Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Actinia</i> sp.	0	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	<i>Cerianthus</i> sp.	0	0	0.082	0	0.2716	0
Cnidaria	Anthozoa	Pennatulacea	Veretillidae	<i>Cavernularia obesa</i>	0	0	0	5.2272	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>	0	0	0	0	0	0
Echinodermata	Ophiuroidea	Gnathophiurida	Amphiuridae	<i>Amphioplus laevis</i>	0.8567	0.1593	0.4881	0.6874	0	0.1103
Echinodermata	Holothuroidea	Molpadiida	Caudinidae	<i>Acaudina molpadioides</i>	0.2191	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	<i>Phyllophorus</i> sp.	4.7056	0	2.102	0	1.0431	0
Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	<i>Thyone</i> sp.	0	0	3.8848	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Molpadiidae	<i>Molpadia</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Apodida	Synaptidae	<i>Protankyra bidentata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Myoida	Pholadidae	<i>Martesia yoshimurai</i>	0.1632	0	0	0	0.0346	0
Mollusca	Bivalvia	Veneroida	Cultellidae	<i>Cultellus attenuatus</i>	0	0	0.2789	0	0	0
Mollusca	Bivalvia	Nuculoidea	Nuculanidae	<i>Saccella parmata</i>	0	0	0	0.0449	0	0
Mollusca	Bivalvia	Veneroida	Psammobiidae	<i>Psammobia radiata</i>	0	0	0	0.4922	0	0.0705
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen gordonis</i>	0	0	0.1083	1.0743	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen grandis</i>	0	0	0	0.1138	0	0
Mollusca	Bivalvia	Veneroida	Tellinidae	<i>Moerella iridescens</i>	0.3396	0	0	0.0761	0.069	0
Mollusca	Bivalvia	Veneroida	Veneridae	<i>Paphia undulata</i>	0	4.0251	0	0	0	0.1331
Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	0	1.4097	0	0.8907	0	0.045
Platyhelminthes	Turbellaria	Polycladida	Leptoplanidae	<i>Leptoplana</i> sp.	0	0	0	0	0	0
Sipuncula	Phascolosomatidea	Phascolosomaliformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	0.0045	0.0036	0.0094	0	0	0.0155

Table 3 Benthic Grab Survey Raw Data - Wet Season Biomass (in g)

Phylum	Class	Order	Family	Species	C1	C2	C3	C4	C5	C6
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Isolda pulchella</i>	0	0	0	0	0.0033	0
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Samytha besslei</i>	0	0	0	0	0	0.0138
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus californiensis</i>	0.0963	0.4411	0.1087	0.5704	0.9754	0.4582
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericeus</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Cirratulus filiformis</i>	0	0.0456	0	0	0	0.0192
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Tharyx</i> sp.	0	0	0	0.0012	0.0019	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>	0	0	0	0.0162	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Marphysa stragulum</i>	0.2122	0	0.8905	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa parmata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa plusoma</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>	0.3681	0.6525	0	0.4016	0.5934	0.0897
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde gurjanovae</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Goniada eremita</i>	0.1186	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Micropodarke dubia</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Ophiodromus angustifrons</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Magelonidae	<i>Magelona pacifica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Maldanidae	<i>Euclymene</i> sp.	0	0.0227	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	0	0.0014	0	0	0.0049	0.0143
Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.	0	0	0	0	0	0.0013
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra</i> sp.	0	0	0	0	0	0.0535
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Onuphis eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	<i>Pectinaria papillosa</i>	0	0	0	0	0	0.3469
Annelida	Polychaeta	Phyllodocida	Phyllodoceidae	<i>Phyllodoce papillosa</i>	0	0	0	0	0	0.008
Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>	0	0	0	0	0	0.0047
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Gattyana</i> sp.	0	0	0.0444	0	0	0.002
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Sabellida	Sabellidae	<i>Potamilla</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Laonice cirrata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio queenslandica</i>	0.0124	0.4494	0.0437	0.0642	0.615	0.5812
Annelida	Polychaeta	Spionida	Spionidae	<i>Scolecopsis squamata</i>	0	0	0	0.0047	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>	0	0	2.0324	0	0	0

Table 3 Benthic Grab Survey Raw Data - Wet Season Biomass (in g)

Phylum	Class	Order	Family	Species	C1	C2	C3	C4	C5	C6
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Lysilla pacifica</i>	0	0	0.1179	0.0016	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	<i>Alpheus</i> sp.	0	0	0	0	0	1.2161
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.	0	0	0	0	0.0012	0.001
Arthropoda	Malacostraca	Decapoda	Callianassidae	<i>Callianassa</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	<i>Paranthura</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Goneplacidae	<i>Typhlocarcinus nudus</i>	0	0	0	0	0.1001	0
Arthropoda	Malacostraca	Decapoda	Pinnotheridae	<i>Neoxenopthalmus obscurus</i>	0	0.9949	0	0.7721	0	0.1346
Arthropoda	Malacostraca	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	0	0.0451	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Portunidae	<i>Charybdis variegata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Anchisquilla fasciata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Clorida latreillei</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	0	0.5539	0	0	0	0
Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>	0	0	0	5.1341	0	0
Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Actinia</i> sp.	0	0	0	0	0	0
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	<i>Cerianthus</i> sp.	0	0	0	0	0	0.0706
Cnidaria	Anthozoa	Pennatulacea	Veretillidae	<i>Cavernularia obesa</i>	0	0	7.1496	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>	0	0	0	0	0	0
Echinodermata	Ophiuroidea	Gnathophiurida	Amphiuridae	<i>Amphioplus laevis</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Caudinidae	<i>Acaudina molpadioides</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	<i>Phyllophorus</i> sp.	0	0.119	0	0	0.0972	0
Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	<i>Thyone</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Molpadiidae	<i>Molpadia</i> sp.	0	0	0	0	0	0.0778
Echinodermata	Holothuroidea	Apodida	Synaptidae	<i>Protankyra bidentata</i>	14.7483	2.0798	18.2547	0	0	0
Mollusca	Bivalvia	Myoida	Pholadidae	<i>Martesia yoshimurai</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Cultellidae	<i>Cultellus attenuatus</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Nuculoida	Nuculanidae	<i>Saccella parmata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Psammobiidae	<i>Psammobia radiata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen gordonis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen grandis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Tellinidae	<i>Moerella iridescens</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Veneridae	<i>Paphia undulata</i>	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	0	0	0	0	0	0
Platyhelminthes	Turbellaria	Polycladida	Leptoplanidae	<i>Leptoplana</i> sp.	0	0	0	0	0	0
Sipuncula	Phascolosomatidea	Phascolosomaliformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	0	0	0	0	0	0.0082



Table 3 Benthic Grab Survey Raw Data - Wet Season Biomass (in g)

Phylum	Class	Order	Family	Species	D1	D2	D3	D4	D5	D6
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Isolda pulchella</i>	0	0	0.0066	0.1626	0	0.0051
Annelida	Polychaeta	Terebellida	Ampharetidae	<i>Samytha besslei</i>	0	0	0	0	0	0
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Mediomastus californiensis</i>	0	0	0	0.0082	0.1109	0.075
Annelida	Polychaeta	Capitellida	Capitellidae	<i>Notomastus latericeus</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Cirratulus filiformis</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Cirratulidae	<i>Tharyx</i> sp.	0	0	0	0.0062	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice indica</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Marphysa stragulum</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa parmata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Flabelligerida	Flabelligeridae	<i>Pherusa plusoma</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Glyceridae	<i>Glycera onomichiensis</i>	0.4573	0.3349	0.1469	0.2796	0.4222	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Glycinde gurjanovae</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Goniadidae	<i>Goniada eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Micropodarke dubia</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Hesionidae	<i>Ophiodromus angustifrons</i>	0	0	0	0	0	0
Annelida	Polychaeta	Eunicida	Lumbrineridae	<i>Lumbrineris</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Magelonidae	<i>Magelona pacifica</i>	0	0	0	0	0	0.0034
Annelida	Polychaeta	Capitellida	Maldanidae	<i>Euclymene</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nephtyidae	<i>Aglaophamus dibranchis</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Nereidae	<i>Nereis</i> sp.	0.0385	0.0048	0	0	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Diopatra</i> sp.	0	0.0575	0.1281	0.001	0	0
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Onuphis eremita</i>	0	0	0	0	0	0
Annelida	Polychaeta	Orbiniida	Orbiniidae	<i>Scoloplos</i> sp.	0	0	0	0.0149	0	0
Annelida	Polychaeta	Terebellida	Pectinariidae	<i>Pectinaria papillosa</i>	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Phyllodocidae	<i>Phyllodoce papillosa</i>	0	0	0	0	0.0032	0
Annelida	Polychaeta	Phyllodocida	Pilargiidae	<i>Sigambra hanaokai</i>	0	0	0	0	0	0
Annelida	Polychaeta	Spionida	Poecilochaetidae	<i>Poecilochaetus serpens</i>	0	0	0	0	0	0.0113
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Gattyana</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Phyllodocida	Polynoidae	<i>Lepidonotus</i> sp.	0	0	0	0	0	0
Annelida	Polychaeta	Sabellida	Sabellidae	<i>Potamilla</i> sp.	0	0.0018	0	0	0	0
Annelida	Polychaeta	Spionida	Spionidae	<i>Laonice cirrata</i>	0	0	0	0	0	0.0032
Annelida	Polychaeta	Spionida	Spionidae	<i>Prionospio queenslandica</i>	0	0	0	0.0272	0.0182	0.0145
Annelida	Polychaeta	Spionida	Spionidae	<i>Scolecopsis squamata</i>	0	0	0	0	0	0
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Loimia medusa</i>	0	0	0	0.0108	0	0

Table 3 Benthic Grab Survey Raw Data - Wet Season Biomass (in g)

Phylum	Class	Order	Family	Species	D1	D2	D3	D4	D5	D6
Annelida	Polychaeta	Terebellida	Terebellidae	<i>Lysilla pacifica</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Alpheidae	<i>Alpheus</i> sp.	0.0789	0	0	0	0	0
Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	<i>Byblis</i> sp.	0	0	0	0.0019	0	0
Arthropoda	Malacostraca	Decapoda	Callianassidae	<i>Callianassa</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Isopoda	Paranthuridae	<i>Paranthura</i> sp.	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	0	0	0	0	0.2127	0
Arthropoda	Malacostraca	Decapoda	Goneplacidae	<i>Typhlocarcinus nudus</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Pinnotheridae	<i>Neoxenopthalmus obscurus</i>	0.0525	0	0.0234	0	0	0
Arthropoda	Malacostraca	Decapoda	Porcellanidae	<i>Raphidopus ciliatus</i>	0	0.0546	0	0	0	0
Arthropoda	Malacostraca	Decapoda	Portunidae	<i>Charybdis variegata</i>	0	0	0.1129	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Anchisquilla fasciata</i>	0	0	0	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Clorida latreillei</i>	0	0.0225	0.0119	0	0	0
Arthropoda	Malacostraca	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	0	0	0	0	0	0
Chordata	Osteichthyes	Perciformes	Taenioididae	<i>Trypauchen vagina</i>	0.0231	0	0	0	0	0
Cnidaria	Anthozoa	Actiniaria	Actiniidae	<i>Actinia</i> sp.	0	0	0	0	0	0.0614
Cnidaria	Anthozoa	Ceriantharia	Cerianthidae	<i>Cerianthus</i> sp.	0	0	0	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Veretillidae	<i>Cavernularia obesa</i>	0	0	0	0	0	0
Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	<i>Virgularia gustaviana</i>	0	0	0	0	0	0
Echinodermata	Ophiuroidea	Gnathophiurida	Amphiuridae	<i>Amphioplus laevis</i>	0	0.3459	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Caudinidae	<i>Acaudina molpadioides</i>	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	<i>Phyllophorus</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	<i>Thyone</i> sp.	0	0	0	0	0	0
Echinodermata	Holothuroidea	Molpadiida	Molpadiidae	<i>Molpadia</i> sp.	0	0	0.1888	0	0.0507	0
Echinodermata	Holothuroidea	Apodida	Synaptidae	<i>Protankyra bidentata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Myoida	Pholadidae	<i>Martesia yoshimurai</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Cultellidae	<i>Cultellus attenuatus</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Nuculoida	Nuculanidae	<i>Saccula parmata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Psammobiidae	<i>Psammobia radiata</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen gordonis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Solenidae	<i>Solen grandis</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Tellinidae	<i>Moerella iridescens</i>	0	0	0	0	0	0
Mollusca	Bivalvia	Veneroida	Veneridae	<i>Paphia undulata</i>	0	0	0	0	0	0
Nemertinea	Anopla	Heteronemertea	Cerebratulidae	<i>Cerebratulina</i> sp.	0	0	0	0.04	0	0
Platyhelminthes	Turbellaria	Polycladida	Leptoplanidae	<i>Leptoplana</i> sp.	0	0	0	0	0.3636	0
Sipuncula	Phascolosomatidea	Phascolosomaliformes	Phascolosomatidae	<i>Apionsoma trichocephalus</i>	0	0	0	0	0	0