

**SCECAP 2008 - Open Water
Dominant Benthic Taxa**

Species Name	Higher Taxa	RO08343	RO08344	RO08346	RO08347	RO08348	RO08349	RO08350	RO08351	RO08352	RO08353	RO08354	RO08355	RO08356	RO08357	RO08358
<i>Abra aequalis</i>	M	0	0	0	0	0	0	0	7	1	0	0	1	0	0	0
<i>Acteocina canaliculata</i>	M	0	0	12	0	0	0	55	0	0	0	0	0	1	0	0
Actiniaria	O	0	0	3	0	0	0	0	0	3	2	7	3	2	5	1
<i>Aligena elevata</i>	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Americhelidium americanum</i>	A	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
<i>Ampelisca abdita</i>	A	0	0	19	0	0	0	0	0	0	12	3	8	0	0	17
<i>Ampelisca sp.</i>	A	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Ampelisca verrilli</i>	A	0	0	0	0	0	0	43	0	0	0	0	0	1	0	4
Ampharetidae	P	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Amphicteis gunneri</i>	P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Amphinomidae	P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Amphipoda	A	0	0	0	1	0	0	0	0	1	3	1	0	0	0	0
<i>Anadara ovalis</i>	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Anadara transversa</i>	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Aphelochaeta sp.</i>	P	1	0	3	0	0	0	0	10	0	24	98	44	0	10	3
<i>Arabella mutans</i>	P	0	0	0	0	0	0	1	0	0	2	0	4	0	0	0
<i>Aricidea bryani</i>	P	0	0	19	0	0	0	63	0	0	0	1	0	1	0	12
<i>Aricidea sp.</i>	P	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
<i>Aricidea wassi</i>	P	0	0	2	0	0	0	0	4	0	0	0	0	0	0	0
<i>Astyris lunata</i>	M	0	0	1	0	0	0	0	6	0	7	0	0	0	0	0
<i>Autolytus dentalius</i>	P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Autolytus sp.</i>	P	0	0	0	0	0	0	0	5	0	0	0	3	0	0	0
<i>Batea catharinensis</i>	A	0	0	1	0	0	0	1	28	0	37	0	1	0	2	0
<i>Bhawania heteroseta</i>	P	0	1	0	0	0	0	0	0	0	0	0	4	0	0	0
<i>Biffarius biformis</i>	O	0	0	5	0	0	0	1	7	0	0	0	1	0	0	0
<i>Brachidontes exustus</i>	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Brania sp.</i>	P	0	0	0	0	0	0	0	0	0	35	13	1	0	33	0
<i>Brania wellfleetensis</i>	P	0	0	0	0	0	0	0	65	0	2	8	58	0	29	0
<i>Capitella capitata</i>	P	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Carazziella sp.</i>	P	0	0	0	0	0	0	0	0	0	1	5	10	0	70	0
<i>Carinomella lactea</i>	O	0	0	0	0	0	0	6	0	1	1	0	12	10	0	0
<i>Caulleriella sp.</i>	P	0	0	0	0	0	465	0	237	0	7	27	38	0	120	0
<i>Cerapus tubularis</i>	A	0	0	0	0	0	0	9	6	0	0	0	0	0	0	1
<i>Chiridotea coeca</i>	O	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirratulidae	P	0	0	0	0	0	0	69	8	0	2	0	31	0	0	0
Cirripedia	O	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0
<i>Cirrophorus sp.</i>	P	0	0	1	0	0	4	2	2	0	0	0	0	0	2	4
<i>Cistenides gouldii</i>	P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Clymenella torquata</i>	P	0	0	0	0	0	0	0	1	0	0	0	3	8	0	4
Corbiculidae	M	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
<i>Corbula contracta</i>	M	0	0	1	0	0	1	13	2	0	0	3	2	0	0	0

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	Corophiidae	A	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Cumacea	O	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Cyathura burbancki</i>	O	0	0	0	0	0	0	3	0	0	26	5	34	0	0	0
<i>Cyclaspis pustulata</i>	O	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Decapoda	O	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diopatra cuprea</i>	P	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
<i>Diplothyra smithii</i>	M	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
<i>Dispia uncinata</i>	P	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Donax variabilis</i>	M	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
Dorvilleidae	P	0	40	0	0	0	0	1	0	0	1	3	8	1	0	0
<i>Drilonereis</i> sp.	P	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
<i>Edotia triloba</i>	O	1	7	3	0	1	0	0	0	0	0	0	0	0	0	0
Enchytraeidae	O	0	0	0	0	0	0	0	0	0	160	0	0	0	0	0
<i>Eobrolgus spinosus</i>	A	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0
<i>Eteone heteropoda</i>	P	0	8	0	0	0	3	0	2	0	0	0	8	0	0	0
<i>Eulalia sanguinea</i>	P	0	0	0	0	0	0	0	0	0	0	0	63	0	0	0
<i>Eupolymnia</i> sp.	P	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
<i>Exogone</i> sp.	P	0	0	0	0	0	2	0	0	0	76	14	28	0	0	0
Gammaridea	A	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Gastropoda	M	0	4	0	0	0	1	0	2	0	1	2	1	0	0	0
<i>Gemma gemma</i>	M	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Glycera americana</i>	P	0	1	2	0	0	1	7	2	0	0	1	4	2	1	0
<i>Glycinde solitaria</i>	P	0	4	2	0	1	0	0	0	0	0	0	0	1	0	3
<i>Glycymeris americana</i>	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Goniadidae	P	0	3	0	0	0	0	2	0	0	1	0	0	0	0	0
<i>Goniadides carolinae</i>	P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Hauchiella</i> sp.	P	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Hemipholis elongata</i>	O	0	0	0	0	0	0	1	0	0	0	0	0	0	8	0
Hesionidae	P	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Heterodrilus</i> sp.	O	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heteromastus filiformis</i>	P	0	16	3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hydroides protulicola</i>	P	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Laeonereis culveri</i>	P	0	34	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Latreutes parvulus</i>	O	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
<i>Leitoscoloplos fragilis</i>	P	0	0	0	0	1	0	0	1	0	0	0	1	5	0	0
<i>Leitoscoloplos</i> sp.	P	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Lembos smithi</i>	A	0	0	0	0	0	0	3	6	0	67	2	0	0	0	0
<i>Leucon americanus</i>	O	1	2	5	0	4	0	0	0	0	0	0	0	0	0	0
<i>Listriella barnardi</i>	A	0	0	10	0	0	0	0	0	0	0	2	2	6	0	1

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	<i>Listriella clymenellae</i>	A	0	0	0	0	0	0	0	5	0	0	0	1	0	0
<i>Loimia medusa</i>	P	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Loimia viridis</i>	P	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
<i>Lyonsia hyalina</i>	M	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
<i>Lysilla</i> sp.	P	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
<i>Maera caroliniana</i>	A	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Magelona</i> sp.	P	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Mediomastus ambiseta</i>	P	0	3	0	0	1122	0	1	0	0	0	11	15	8	0	0
<i>Mediomastus californiensis</i>	P	0	2	0	0	0	0	0	0	0	3	13	9	0	0	0
<i>Mediomastus</i> sp.	P	1	127	17	0	0	2	28	10	2	27	111	232	0	13	5
<i>Melita nitida</i>	A	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
Melitidae	A	0	0	0	0	0	0	0	0	0	4	0	2	0	0	0
<i>Monticellina</i> sp.	P	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0
<i>Mulinia lateralis</i>	M	0	14	0	0	4	0	0	0	2	0	0	2	0	0	0
Mysida	O	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Nassarius acutus</i>	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Nemertea	O	8	17	0	1	3	2	2	3	0	14	0	9	1	2	2
<i>Neopanope sayi</i>	O	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
<i>Nephtys picta</i>	P	0	0	0	2	0	0	0	6	0	0	0	0	0	0	0
Nereididae	P	0	9	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Nereis succinea</i>	P	0	3	0	0	0	3	0	0	0	2	0	0	0	0	1
<i>Notomastus latericeus</i>	P	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0
<i>Nucula</i> sp.	M	0	0	0	0	0	0	2	2	0	0	5	4	0	13	0
Nudibranchia	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Odontosyllis enopla</i>	P	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0
<i>Odostomia</i> sp.	M	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0
<i>Ogyrides alphaerostris</i>	O	0	0	1	2	5	0	1	0	0	0	0	0	2	0	0
Oligochaeta	O	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Onuphidae	P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Ophiuroidea	O	0	0	0	0	0	0	0	4	0	2	0	0	0	0	0
<i>Ostrea equestris</i>	M	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
<i>Oxyurostylis smithi</i>	O	0	0	0	1	0	0	5	0	0	1	0	0	0	0	0
<i>Pagurus longicarpus</i>	O	1	0	0	1	0	0	0	0	0	0	0	4	0	5	0
<i>Pagurus pollicaris</i>	O	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
<i>Pagurus</i> sp.	O	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Paracaprella tenuis</i>	A	0	0	0	0	0	0	2	5	0	3	0	0	0	0	0
<i>Parahaustorius longimerus</i>	A	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0
<i>Parandalia</i> sp.	P	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0
Paraonidae	P	0	1	0	0	0	0	1	0	0	0	1	3	0	0	0

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<i>Paraonis fulgens</i>	P	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Parapionosyllis</i> sp.	P	25	0	0	0	0	78	0	68	0	59	31	100	0	85	0
<i>Paraprionospio pinnata</i>	P	0	0	4	0	0	0	0	0	37	0	0	0	4	0	0
Pelecypoda	M	1	30	8	0	3	9	39	2	0	7	5	26	5	0	2
<i>Periclimenes</i> sp.	O	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Persephona mediterranea</i>	O	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Phoronida	O	0	0	0	0	0	0	2	0	0	0	0	0	0	0	9
<i>Phyllodoce arenae</i>	P	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
<i>Phyllodoce fragilis</i>	P	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Pilargidae	P	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Pinnixa</i> sp.	O	1	0	1	3	0	0	0	9	1	2	10	6	2	4	0
<i>Pinnotheres</i> sp.	O	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Pista</i> sp.	P	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
<i>Podarke obscura</i>	P	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0
<i>Podarke</i> sp.	P	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podarkeopsis levifuscina</i>	P	0	4	0	0	0	0	0	0	0	0	0	2	2	1	0
<i>Poecilochaetus johnsoni</i>	P	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0
<i>Polycirrus</i> sp.	P	0	0	0	0	0	0	0	0	0	1	10	80	0	1	0
<i>Polydora cornuta</i>	P	2	0	0	0	0	4	1	50	1	14	0	0	0	2	0
<i>Polydora socialis</i>	P	0	0	0	0	0	0	4	0	0	39	0	16	0	0	1
<i>Polydora</i> sp.	P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Polynoidae	P	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Polyodontes lupina</i>	P	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Portunus gibbesii</i>	O	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
<i>Prionospio cirrifera</i>	P	0	0	0	0	0	0	0	0	0	0	2	0	20	2	0
<i>Prionospio cirrobranchiata</i>	P	0	5	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Protohaustorius deichmannae</i>	A	0	0	0	74	0	0	0	0	0	0	0	0	0	0	0
Pycnogonida	O	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
<i>Rhepoxynius epistomus</i>	A	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Rhepoxynius hudsoni</i>	A	0	0	0	0	0	0	1	10	0	0	0	2	0	7	0
<i>Sabellaria gracilis</i>	P	0	0	0	0	0	0	0	0	0	238	0	0	0	0	0
<i>Sabellaria vulgaris</i>	P	64	0	0	0	0	0	0	19	0	0	0	36	0	0	0
<i>Sabellaria vulgaris vulgaris</i>	P	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sabellidae	P	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Scolelepis</i> sp.	P	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
<i>Scolelepis squamata</i>	P	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
<i>Scolelepis texana</i>	P	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Scoletoma tenuis</i>	P	0	0	6	0	0	1	41	3	0	19	13	3	11	9	50
<i>Scoloplos rubra</i>	P	0	4	33	0	0	55	5	0	1	2	1	1	0	0	10

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	<i>Scoloplos texana</i>	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sigambra tentaculata</i>	P	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
<i>Sphaerosyllis aciculata</i>	P	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sphaerosyllis glandulata</i>	P	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
<i>Sphaerosyllis</i> sp.	P	0	0	0	0	0	0	0	4	0	5	0	14	0	0	0
<i>Sphenia antillensis</i>	M	2	0	0	0	0	0	0	8	0	5	0	5	0	0	0
<i>Spiochaetopterus costarum oculus</i>	P	0	0	5	0	0	0	1	0	0	1	1	1	0	0	4
Spionidae	P	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
<i>Spiophanes bombyx</i>	P	0	1	0	0	0	0	1	1	0	0	0	7	0	2	0
<i>Stenothoe minuta</i>	A	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Streblospio benedicti</i>	P	2	281	19	0	20	16	22	124	27	45	0	290	3	6	4
<i>Streptosyllis</i> sp.	P	8	25	0	0	0	25	0	60	0	13	11	29	0	86	0
Syllidae	P	0	0	0	0	0	0	0	1	0	9	2	2	0	1	0
<i>Syllides</i> sp.	P	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Syllis gracilis</i>	P	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
<i>Syllis</i> sp.	P	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Synaptidae	O	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
<i>Tagelus divisus</i>	M	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
Tanaidacea	O	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Tellina agillis</i>	M	1	3	0	6	0	0	0	29	0	0	0	5	0	0	0
<i>Tellina</i> sp.	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tellinidae	M	0	0	3	0	1	0	51	0	2	1	6	0	1	0	0
Terebriidae	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Tharyx acutus</i>	P	0	68	4	0	0	0	12	5	0	0	22	19	0	3	3
<i>Trachypenaeus constrictus</i>	O	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Trypanosyllis</i> sp.	P	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0
Tubificidae	O	55	169	4	0	0	5	21	51	0	7	267	78	39	13	0
<i>Tubificoides brownae</i>	O	0	0	0	0	76	0	42	4	4	4	0	0	4	0	1
<i>Tubificoides wasselli</i>	O	3	1	0	0	0	116	0	369	0	7	139	152	0	494	0
<i>Turbonilla</i> sp.	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Turridae	M	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0
<i>Unciola serrata</i>	A	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
<i>Upogebia affinis</i>	O	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
Xanthidae	O	0	0	0	0	0	0	1	3	0	10	0	4	0	0	0
Mean total abundance (#/0.04m ²)		218	894	202	129	1259	793	581	1267	87	1080	875	1619	168	1042	146
Mean density (#/m ²)		5450	22350	5050	3225	31475	19825	14525	31675	2175	27000	21875	40475	4200	26050	3650
Mean number of species (#/0.04m ²)		26	31	33	18	13	19	49	53	17	61	51	91	27	34	24
H' - diversity		0.62	1.066	1.769	0.961	0.253	0.452	1.608	1.033	0.598	1.595	1.207	1.554	1.415	0.972	1.256
J' - evenness		0.19	0.31	0.506	0.332	0.099	0.154	0.413	0.26	0.211	0.388	0.307	0.344	0.429	0.276	0.395