

**SCECAP 2008 - Tidal Creeks
Dominant Benthic Taxa**

Species Name	Higher taxa	RT08067	RT08068	RT08069	RT08073	RT08076	RT08078	RT08079	RT08080	RT08081	RT08082	RT08083	RT08084	RT08085	RT08086	RT08088
<i>Abra aequalis</i>	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
<i>Acteocina canaliculata</i>	M	0	0	0	0	0	0	0	0	0	0	0	4	0	11	0
Actiniaria	O	15	3	3	2	0	3	1	1	0	0	0	0	2	0	0
<i>Alpheus heterochaelis</i>	O	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
<i>Alpheus</i> sp.	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Ampelisca abdita</i>	A	0	0	0	13	3	57	39	1	37	1	0	11	0	0	4
<i>Ampelisca</i> sp.	A	0	0	1	0	0	0	0	0	0	0	0	0	0	93	2
<i>Ampelisca vadorum</i>	A	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0
<i>Ampelisca verrilli</i>	A	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
Amphipoda	A	1	0	0	0	0	0	0	0	1	0	0	3	0	0	0
<i>Amphiporeia virginiana</i>	A	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
<i>Amygdalum papyrium</i>	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Ancistrosyllis</i> sp.	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Apanthura magnifica</i>	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
<i>Aphelochaeta</i> sp.	P	1	0	0	15	0	124	0	30	0	0	0	0	0	5	22
<i>Arabella mutans</i>	P	1	0	0	3	0	2	0	1	0	0	0	0	0	0	7
<i>Aricidea bryani</i>	P	0	0	1	0	0	4	6	2	0	0	0	3	0	33	1
<i>Aricidea wassi</i>	P	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Ascidacea	O	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Astyris lunata</i>	M	1	0	0	3	0	4	0	2	0	0	0	0	0	0	1
<i>Asychis elongatus</i>	P	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Atylus</i> sp.	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
<i>Autolytus</i> sp.	P	0	0	0	0	0	1	0	4	0	1	0	0	0	0	32
<i>Batea catharinensis</i>	A	0	0	1	2	0	12	0	7	0	0	0	1	0	0	49
<i>Bhawania heteroseta</i>	P	0	0	1	0	1	0	0	0	1	0	0	0	0	0	1
<i>Biffarius biformis</i>	O	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
<i>Brania</i> sp.	P	7	0	0	1	0	3	0	24	0	0	0	1	0	0	1
<i>Cabira incerta</i>	P	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Capitella capitata</i>	P	0	0	0	1	1	0	0	0	8	0	0	0	0	0	0
<i>Carazziella</i> sp.	P	0	0	1	0	0	0	0	0	0	0	0	0	0	0	32
<i>Carinomella lactea</i>	O	0	0	4	1	0	0	0	0	5	0	0	4	0	2	28
<i>Caulleriella</i> sp.	P	0	0	0	0	0	0	0	82	0	0	0	0	1	0	1
<i>Cerapus tubularis</i>	A	0	0	0	5	0	0	1	4	0	1	0	0	1	2	1
<i>Cerithiopsis</i> sp.	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Chione cancellata</i>	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Cirratulidae	P	0	0	1	2	0	27	0	24	1	2	0	0	1	21	6
Cirripecta	O	1	0	0	0	7	0	0	0	0	0	0	0	0	0	0
<i>Cirrophorus</i> sp.	P	0	0	0	0	1	8	0	0	0	0	0	0	0	0	0
<i>Cistenides gouldii</i>	P	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Cleantis planicauda</i>	O	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Clymenella torquata</i>	P	0	0	10	0	0	0	2	0	2	0	0	0	0	0	0

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<i>Corbula contracta</i>	M	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0
Corophiidae	A	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium acutum</i>	A	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0
<i>Corophium aquafuscum</i>	A	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium simile</i>	A	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0
<i>Corophium</i> sp.	A	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Costoanachis avara</i>	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Crassinella lunulata</i>	M	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1
<i>Crassinella martinicensis</i>	M	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0
<i>Crepidula fornicata</i>	M	0	0	0	0	0	2	0	4	0	0	0	0	0	0	1
<i>Crepidula</i> sp.	M	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Cumacea	O	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Cupuladria doma</i>	O	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0
<i>Cyathura burbancki</i>	O	0	0	0	1	1	26	0	6	0	1	0	2	1	7	0
<i>Cyclostremiscus pentagonus</i>	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Diopatra cuprea</i>	P	0	0	2	0	0	6	0	0	1	0	0	0	0	3	0
<i>Diopatra</i> sp.	P	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
<i>Diplothyra smithii</i>	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Dorvilleidae	P	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
<i>Drlonereis</i> sp.	P	0	0	0	0	0	1	0	1	3	0	0	0	0	0	1
<i>Edotia triloba</i>	O	4	0	0	4	4	1	9	2	7	0	2	0	1	2	1
<i>Edwardsia elegans</i>	O	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Elasmopus levis</i>	A	0	0	0	0	2	0	0	1	0	0	0	0	0	0	3
<i>Ericthonius brasiliensis</i>	A	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
<i>Eteone heteropoda</i>	P	1	0	7	0	0	1	0	18	0	0	0	0	0	0	0
<i>Eteone lactea</i>	P	7	0	0	0	0	1	0	0	0	0	0	0	0	1	0
<i>Eulalia sanguinea</i>	P	0	0	1	0	0	0	0	0	0	0	0	0	0	0	69
<i>Eupleura caudata</i>	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Exogone</i> sp.	P	0	0	10	5	0	108	0	1	2	0	0	2	0	16	137
Gastropoda	M	0	0	0	1	0	0	1	2	0	0	0	0	0	0	1
<i>Glycera americana</i>	P	4	0	1	0	0	0	0	6	2	7	1	3	1	1	3
<i>Glycera</i> sp.	P	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
<i>Glycinde solitaria</i>	P	0	0	0	0	0	0	0	0	1	0	0	1	0	9	0
<i>Goniadides carolinae</i>	P	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0
<i>Harmothoe</i> sp.	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Hauchiella</i> sp.	P	0	0	0	0	0	6	1	0	0	0	0	5	0	0	0
<i>Hemipholis elongata</i>	O	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Hesionidae	P	0	0	0	0	0	0	0	8	1	0	0	0	0	0	0
<i>Heteromastus filliformis</i>	P	0	1	0	1	0	0	0	0	32	1	0	0	5	0	0

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Heteronemertea	O	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0
<i>Latreutes parvulus</i>	O	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Leitoscoloplos fragilis</i>	P	0	0	2	0	0	1	0	7	0	0	0	4	0	21	0
<i>Leitoscoloplos</i> sp.	P	0	0	0	0	0	1	0	0	0	1	0	0	5	0	0
<i>Lembos smithi</i>	A	0	0	0	0	0	2	0	0	0	0	0	36	0	0	22
<i>Lepidactylus dytiscus</i>	A	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
<i>Lepidonotus sublevis</i>	P	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0
<i>Leptonacea</i> sp.	M	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
<i>Leucon americanus</i>	O	0	0	0	0	0	0	14	0	0	0	1	0	0	0	0
<i>Leucothoe</i> sp.	A	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
<i>Listriella barnardi</i>	A	0	0	0	0	0	27	33	0	0	0	0	12	0	1	0
<i>Listriella clymenellae</i>	A	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0
<i>Loimia medusa</i>	P	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lyonsia hyalina</i>	M	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
<i>Maera caroliniana</i>	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
<i>Maera</i> sp.	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Maldanidae	P	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Marphysa sanguinea</i>	P	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Mediomastus ambiseta</i>	P	0	0	16	0	4	0	0	11	0	0	0	4	0	0	57
<i>Mediomastus californiensis</i>	P	0	0	11	1	0	0	0	23	0	0	0	0	0	0	0
<i>Mediomastus</i> sp.	P	0	0	52	7	5	9	1	151	8	3	0	15	0	68	117
<i>Melita dentata</i>	A	0	0	0	0	0	0	0	10	0	0	0	0	8	0	68
<i>Melita nitida</i>	A	8	0	7	1	7	0	0	0	1	3	0	0	0	0	4
<i>Melita</i> sp.	A	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0
Melitidae	A	0	0	0	0	0	2	0	0	0	0	0	0	0	1	16
<i>Mercenaria mercenaria</i>	M	0	0	0	0	0	1	0	4	0	1	0	0	0	0	2
<i>Monticellina</i> sp.	P	0	0	0	0	0	0	0	0	2	0	0	2	0	0	7
<i>Mulinia lateralis</i>	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
<i>Mysidopsis</i> sp.	O	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Mytilidae	M	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Nemertea	O	5	0	6	1	2	4	2	1	4	0	3	1	3	1	11
<i>Neomysis americana</i>	O	0	0	0	8	0	0	3	0	0	0	0	0	0	0	0
<i>Neopanope sayi</i>	O	0	0	0	0	0	11	0	0	0	0	0	0	5	0	31
Nereididae	P	0	0	3	0	0	0	0	3	0	0	0	0	0	0	5
<i>Nereis succinea</i>	P	12	0	4	3	1	1	0	1	20	3	0	0	1	0	6
<i>Notomastus latericeus</i>	P	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0
<i>Nucula</i> sp.	M	0	0	0	0	0	1	0	8	0	0	0	0	0	1	13
<i>Odontosyllis enopla</i>	P	1	0	0	0	0	1	0	9	0	0	0	0	0	0	9
<i>Ogyrides alphaerostris</i>	O	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0

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<i>Scolecipis texana</i>	P	2	0	0	0	0	8	0	0	0	0	0	0	0	0	0
<i>Scoletoma tenuis</i>	P	0	19	0	85	0	102	20	37	8	10	0	213	0	47	2
<i>Scoloplos rubra</i>	P	80	2	0	0	23	76	6	26	0	12	20	0	0	30	0
<i>Scoloplos texana</i>	P	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Seila adamsi</i>	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Sipuncula	O	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Sphaerosyllis</i> sp.	P	0	0	2	0	0	0	0	5	0	0	0	0	0	0	1
<i>Spheria antillensis</i>	M	0	0	0	0	0	10	0	3	5	0	0	8	0	0	10
<i>Spiochaetopterus costarum oculatus</i>	P	0	2	0	1	0	7	0	1	0	0	0	9	0	2	0
Spionidae	P	0	0	0	0	0	1	1	4	0	0	0	0	0	2	0
<i>Spiophanes bombyx</i>	P	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4
<i>Spisula solidissima</i>	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Streblospio benedicti</i>	P	81	134	460	77	7	94	24	177	35	47	3	9	33	24	17
<i>Streptosyllis</i> sp.	P	23	0	9	0	0	1	0	13	1	0	0	1	0	1	13
Syllidae	P	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4
<i>Syllis gracilis</i>	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<i>Syllis</i> sp.	P	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0
<i>Synidotea</i> sp.	O	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Tagelus divisus</i>	M	0	0	0	0	0	0	0	0	0	0	0	0	0	11	2
Tanaidacea	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<i>Tanystylum orbiculare</i>	O	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Teinostoma</i> sp.	M	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
<i>Tellina agilis</i>	M	0	0	10	0	0	0	0	5	0	0	0	0	0	5	0
<i>Tellina</i> sp.	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Tellinidae	M	0	0	4	12	0	8	0	0	1	1	0	15	0	0	0
<i>Tharyx acutus</i>	P	79	11	0	0	0	10	0	0	51	0	0	0	2	11	2
<i>Trachypenaeus constrictus</i>	O	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
<i>Trypanosyllis</i> sp.	P	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Tubificidae	O	12	0	14	3	11	34	0	66	5	5	2	0	4	13	117
<i>Tubificoides brownae</i>	O	0	5	0	0	10	0	0	0	2	19	19	0	2	0	5
<i>Tubificoides</i> sp.	O	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
<i>Tubificoides wasselli</i>	O	150	0	0	1	0	0	0	76	1	1	0	0	3	0	18
<i>Turbonilla</i> sp.	M	0	0	1	0	0	2	0	3	0	0	0	0	0	0	1
Turridae	M	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
<i>Unciola serrata</i>	A	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0
<i>Upogebia affinis</i>	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Xanthidae	O	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Mean total abundance (#/0.04m ²)		644	177	787	344	150	1144	181	954	327	140	61	895	87	478	1313
Mean density (#/m ²)		16100	4425	19675	8600	3750	28600	4525	23850	8175	3500	1525	22375	2175	11950	32825
Mean number of species (#/0.04m ²)		29	8	60	33	28	62	22	66	47	23	10	47	22	44	80
H' - diversity		0.616	0.098	1.081	1.01	1.723	1.345	1.412	1.673	1.414	0.74	0.395	0.917	1.528	1.757	2.227
J' - evenness		0.183	0.047	0.264	0.289	0.517	0.326	0.457	0.399	0.367	0.236	0.172	0.238	0.494	0.464	0.508