Abundance of benthic species comprising 85% of the total benthic faunal abundance collected in 1999 and 2000. Abundance values represent the number of individuals per grab (0.04m²). Density represents the number of individuals/ m². Higher taxa codes are p=polychaete, A=amphipod, M=mollusk, and O=other taxa. H' = Shannon-Weiner Index of Diversity, J' = H'/Hmax (number of taxa in sample).

SCECAP 1999 - Tidal Creeks
Dominant Benthic Taxa

Species Name	Higher taxa	RT99001	RT99002	RT99003	RT99004	RT99005	RT99006	RT99007	RT99008	RT99009	RT99010	RT99012	RT99013	RT99017	RT99019	RT99021	RT99022	RT99024	RT99026	RT99027	RT99028	RT99029	RT99030	RT99036	RT99037	RT99038	RT99039	RT99040
Streblospio benedicti	P	3	6	21	20	1	114	14	24	0	4	72	0	23	17	0	38	18	127	1	17	37	6	17	0	1	44	108
Ampelisca abdita	A	0	1	0	1	3	0	0	2	0	4	0	4	0	0	1	0	0	2	0	2	0	6	1	0	0	0	0
Scoletoma tenuis	P	1	0	10	35	5	0	16	21	0	2	12	15	0	1	7	2	2	0	0	26	2	10	0	0	6	9	12
Tubificoides wasselli	O	0	4	0	12	0	1	0	0	0	1	0	0	0	1	0	0	26	1	0	0	15	0	1	0	0	0	0
Polydora cornuta	P	0	0	0	0	0	2	45	0	0	0	1	0	0	0	0	4	0	3	0	0	4	34	18	0	0	0	85
Tharyx acutus	P	1	1	3	11	0	2	0	35	0	0	0	1	0	2	0	0	4	37	0	0	0	1	0	0	0	2	1
Tubificoides brownae	O	0	1	5	8	1	1	1	5	3	7	0	2	7	10	0	0	4	9	2	5	1	1	0	0	1	0	5
Mediomastus ambiseta	P	1	22	0	8	0	15	0	0	0	3	0	0	0	0	0	1	0	7	0	0	7	0	0	0	0	6	0
Mediomastus sp.	P	0	3	6	0	1	0	0	10	0	1	2	3	1	0	0	4	5	17	1	5	5	2	2	0	1	1	1
Heteromastus filiformis	P	0	0	2	0	1	0	2	2	0	0	1	0	36	0	1	12	0	4	4	2	0	1	10	5	0	4	0
Cirratulidae	P	0	0	5	14	0	1	0	5	0	0	1	11	0	1	2	1	2	19	0	15	0	2	1	0	0	3	1
Scoloplos rubra	P	0	0	2	0	1	1	1	6	0	1	2	0	0	2	0	0	8	1	3	0	1	2	0	0	0	1	1
Tubificidae	O	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	5	1	0	1	0	10	0	1	1
Caulleriella sp.	P	0	0	0	27	0	0	0	0	0	0	0	0	0	9	0	1	0	0	0	0	1	0	0	0	0	0	0
Aricidea wassi	P	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
Spiochaetopterus costarum oculatus	P	0	0	3	1	5	0	2	1	0	1	2	6	0	0	0	3	0	2	0	11	0	16	0	0	3	0	0
Nereis succinea	P	0	0	1	0	1	0	0	1	0	2	0	1	2	0	0	3	0	7	1	0	0	0	20	1	0	0	7
Carinomella lactea	O	1	2	10	5	0	0	2	5	0	0	0	5	0	0	1	3	0	0	0	1	1	1	1	0	1	3	0
Ilyanassa obsoleta	M	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	21	0	17	0	0	0	2	0	0	0	1	0
Exogone sp.	P	0	0	0	4	0	0	2	0	0	0	0	0	0	1	0	1	0	1	0	0	0	5	0	0	0	1	0
Phoronida	O	0	0	2	0	2	0	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	53	0	1
Nemertinea	O	0	5	1	0	1	0	0	0	1	1	0	2	2	0	0	0	2	1	2	1	0	1	1	0	0	1	3
Tubificoides heterochaetus	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellinidae	M	0	2	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	25	0
Cirrophorus sp.	P	0	1	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	0	0
Rhepoxynius hudsoni	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellina agilis	M	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
Paraprionospio pinnata	P	7	0	1	0	1	0	1	1	3	0	0	3	0	0	3	1	0	1	0	0	0	2	0	0	1	0	0
Actiniaria	O	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	1	0	2	0	0	0	1	0
Pelecypoda	M	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	2	3	1	0	0	0	0	0
Melita nitida	A	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	5	0	1	2	0	0	0	1	0	0	0	10
Glycera americana	P	0	1	1	1	0	1	0	1	0	1	1	2	1	0	0	2	1	2	0	1	0	1	1	0	1	1	0
Monticellina sp.	P	0	0	0	6	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Lepidactylus dytiscus	A	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
Brania sp.	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptonacea sp.	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptosyllis sp.	P	0	0	0	6	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Notomastus lineatus	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent of total abundance		53	77	88	69	53	92	89	92	100	64	95	70	96	63	60	90	87	95	81	79	90	77	87	52	90	76	95
Mean total abundance (#/0.04m^2)		24	63	78	229	35	147	100	130	6	37	97	75	74	72	29	112	82	266	24	109	86	120	83	31	73	131	244
Mean density (#/m^2)		588	1575	1950	5713	875	3663	2500	3238	150	913	2425	1875	1850	1800	725	2800	2050	6650	600	2725	2150	2988	2063	775	1825	3263	6100
Mean number of species (#/0.04m^2)		6	18	18	31	11	11	18	17	2	11	12	19	8	10	11	23	13	20	9	23	15	28	16	6	10	26	15
H' - diversity		2.24	3.35	3.35	4.02	2.54	1.27	2.53	3.05	0.92	2.5	1.54	3.31	1.93	2.34	3.05	3.09	2.86	2.22	2.88	3.5	2.55	3.58	2.9	1.87	1.6	3.07	2.01
J' - diversity		0.87	0.8	0.81	0.82	0.75	0.37	0.68	0.76	0.92	0.74	0.44	0.87	0.64	0.77	0.89	0.69	0.77	0.51	0.91	0.78	0.7	0.77	0.73	0.76	0.52	0.67	0.53