

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, $J' = H'/H_{max}$ (number of taxa in sample).

SCECAP 2000 - Tidal Creeks
 Dominant Benthic Taxa

Species Name	Higher taxa	RT00501	RT00502	RT00503	RT00504	RT00505	RT00517	RT00518	RT00519	RT00520	RT00521	RT00523	RT00525	RT00526	RT00528	RT00530	RT00531	RT00541	RT00542	RT00543	RT00544	RT00545	RT00546	RT00547	RT00548	RT00549	RT00550	RT00554	RT00556	RT00557	RT00558														
	P	A	O	P	P	O	P	P	O	P	P	P	O	P	O	P	O	O	P	O	P	O	P	O	P	O	P	O	P	O	M	P	O	P	M	P	O	A	M	M	A	P	P	M	P
<i>Streblospio benedicti</i>	P	5	0	14	147	71	13	142	50	95	18	46	64	0	1	4	0	77	45	23	89	0	1	18	23	9	7	1	5	10	88														
<i>Ampelisca abdita</i>	A	0	0	6	8	482	0	9	0	66	1	3	0	0	1	0	1	0	3	0	0	0	5	0	0	0	0	11	8	2															
<i>Scoletoma tenuis</i>	P	0	0	34	33	16	3	33	5	3	8	20	6	0	0	17	0	11	7	4	1	0	6	70	61	0	2	0	2	12	1														
<i>Tubificoides wasselli</i>	O	273	0	0	5	0	0	0	0	10	0	0	1	0	0	0	0	8	18	0	2	0	0	0	0	0	2	0	0	0	31														
<i>Polydora cornuta</i>	P	1	1	0	45	5	0	11	0	2	5	59	1	0	0	0	0	17	10	3	0	0	2	2	1	4	0	7	2	36															
<i>Tharyx acutus</i>	P	1	0	1	36	1	5	0	0	7	0	2	8	0	36	0	0	10	9	1	16	0	30	9	2	0	0	19	1	1															
<i>Tubificoides brownae</i>	O	1	7	0	29	4	0	12	32	4	10	2	0	0	0	6	1	1	13	9	0	0	1	0	4	1	1	0	10	32	0														
<i>Mediomastus ambiseta</i>	P	2	0	10	3	34	7	0	2	16	17	2	5	0	0	16	0	11	12	5	13	0	10	14	0	0	1	0	2	0	0														
<i>Mediomastus sp.</i>	P	3	0	13	0	55	1	1	3	21	7	0	3	0	0	24	0	18	5	1	4	0	0	2	0	0	3	0	1	2	17														
<i>Heteromastus filiformis</i>	P	0	0	1	3	18	0	5	0	1	25	5	3	0	5	0	3	1	6	3	0	0	6	9	1	0	1	2	1	10															
<i>Cirratulidae</i>	P	2	0	11	9	2	5	0	0	7	2	0	5	0	0	1	0	3	14	0	5	0	21	3	3	0	1	0	1	0	0														
<i>Scoloplos rubra</i>	P	4	0	0	13	31	14	0	0	1	2	4	8	0	0	2	2	1	1	1	0	4	0	2	0	4	0	1	2	27															
<i>Tubificidae</i>	O	0	2	8	3	0	1	0	1	12	7	0	3	0	3	51	1	0	1	0	3	0	0	3	1	3	0	4	2	3															
<i>Caulierella sp.</i>	P	45	0	0	0	0	10	0	1	3	0	0	0	0	0	0	0	1	0	0	7	0	17	0	0	0	0	0	0	0	0														
<i>Aricidea wassi</i>	P	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	55	0	32	0	0	0	0	0	0	0	0														
<i>Spiochaetopterus costarum ocellatus</i>	P	0	0	19	3	0	1	1	1	1	0	1	2	0	0	2	0	0	0	7	0	0	2	15	0	0	0	0	0	1	0														
<i>Nereis succinea</i>	P	1	0	0	9	0	0	3	1	0	1	4	0	0	3	0	0	1	0	1	0	0	0	0	1	12	0	1	7	1	4														
<i>Carinomella lactea</i>	O	0	0	7	0	0	0	0	0	14	1	0	1	0	0	8	0	5	3	2	0	0	0	0	0	0	6	0	0	0	0														
<i>Ilyanassa obsoleta</i>	M	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	0	0	0	23	2	0															
<i>Exogone sp.</i>	P	0	0	0	3	0	0	1	0	48	4	0	0	0	0	1	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0														
<i>Phoronida</i>	O	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	4	0	0	3	0	0	0	0														
<i>Nemertinea</i>	O	1	2	0	2	1	3	1	1	1	1	1	1	0	6	0	0	1	0	1	0	1	2	3	0	3	1	8	8	3	3														
<i>Tubificoides heterochaetus</i>	O	0	0	0	0	0	0	0	0	0	0	0	0	54	1	0	0	0	0	0	0	0	0	0	1	0	12	0	0	0															
<i>Tellinidae</i>	M	0	0	0	10	0	0	0	0	1	3	0	2	0	0	3	0	0	0	3	0	0	15	0	1	0	0	0	0	0	0														
<i>Cirrophorus sp.</i>	P	1	0	0	11	0	4	0	0	0	0	0	4	0	0	0	0	1	3	0	13	0	19	1	0	0	0	0	0	0	0														
<i>Rhepoxynius hudsoni</i>	A	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	10	0	0	0	0	0	0	0	0														
<i>Tellina agilis</i>	M	0	0	6	0	0	23	0	0	0	0	0	0	0	0	0	0	1	3	0	17	1	2	8	0	0	0	0	1	0	0														
<i>Paraprionospio pinnata</i>	P	0	0	2	0	0	0	0	16	2	2	0	1	0	0	2	1	0	0	4	0	0	0	1	2	0	1	3	0	2	0														
<i>Actinaria</i>	O	0	0	0	17	1	0	0	0	16	0	0	0	0	0	1	0	1	0	8	0	0	0	0	1	0	0	1	0	1	0														
<i>Pelecypoda</i>	M	0	0	7	2	2	0	0	1	3	0	1	1	0	2	1	0	6	1	2	0	1	0	4	0	0	1	2	4	1	1														
<i>Melita nitida</i>	A	0	0	0	13	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	3	1	0	0	2	1	2	1														
<i>Glycera americana</i>	P	0	1	5	0	2	2	0	0	1	1	3	1	0	0	0	0	3	2	2	1	0	1	1	1	0	1	0	0	0	1														
<i>Monticellina sp.</i>	P	0	0	0	0	0	0	0	0	2	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3														
<i>Lepidactylus dytiscus</i>	A	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
<i>Brania sp.</i>	P	0	0	0	19	1	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0													
<i>Leptonaceae sp.</i>	M	0	0	30	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0														
<i>Streptosyllis sp.</i>	P	2	3	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	7	0													
<i>Notomastus lineatus</i>	P	0	0	30	0	0	0	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													
Percent of total abundance		99	92	69	84	95	86	98	84	72	88	95	93	99	72	83	45	79	98	92	94	6	89	83	91	66	60	91	86	71	72														
Mean total abundance (#/0.04m ²)		342	49	291	501.5	756.5	157	211.5	145.5	398.5	200.5	154	128	54.5	26.5	184.5	14.5	224.5	160	85	271.5	24.5	191	194.5	123.5	48	58.5	27	120	117	332														
Mean density (#/m ²)		8550	1225	7275	12538	18913	3925	5288	3638	9963	5013	3850	3200	1363	663	4613	363	5613	4000	2125	6788	613	4775	4863	3088	1200	1463	675	3000	2925	8300														
Mean number of species (#/0.04m ²)		13	8	34	33	25	19	11	20	47	29	16	21	2	9	28	7	29	18	19	22	9	26	24	15	10	23	8	22	22	34														
H' - diversity		1.12	1.44	4.23	3.36	1.86	3.45	1.6	2.9	4.07	3.43	2.48	2.81	0.05	2.77	3.5	2.44	3.42	3.13	3.42	2.93	2.63	3.55	3.33	2.41	2.65	3.87	2.18	3.65	3.36	3.49														
J' - diversity		0.31	0.52	0.83	0.68	0.4	0.81	0.47	0.68	0.74	0.71	0.62	0.64	0.05	0.88	0.73	0.91	0.71	0.76	0.81	0.66	0.86	0.76	0.73	0.62	0.8	0.87	0.75	0.83	0.76	0.69														