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 - Open Water
Dominant Benthic Taxa

Species Name	Higher taxa	R099301	R099302	R099303	R099304	R099305	R099306	R099307	R099308	R099309	R099310	R099311	R099312	R099313	R099315	R099316	R099317	R099318	R099319	R099320	R099321	R099322	R099323	R099324	R099325	R099326	R099327	R099328	R099329	R099330
Streblospio benedicti	P	22	0	12	23	2	0	9	4	4	0	1	2	2	20	34	0	5	21	119	6	0	3	1	17	13	8	0	6	123
Actiniaria	O	0	0	0	1	25	0	520	1	4	0	0	4	9	0	0	0	0	1	3	0	0	0	0	2	0	1	1	4	0
Caulleriella sp.	P	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	3	0	0	0	1	12	0	0	2	87	2
Exogone sp.	P	0	0	0	158	280	4	0	15	5	0	0	4	0	3	0	0	13	6	31	0	0	4	6	1	0	1	1	4	0
Ampelisca abdita	A	7	0	0	29	25	1	0	1	5	1	0	7	0	1	0	0	2	2	25	0	3	1	0	5	0	0	4	113	130
Mediomastus sp.	P	3	0	2	71	2	2	0	3	1	1	0	7	0	0	0	1	6	12	32	0	6	2	34	9	0	0	2	6	5
Monticellina sp.	P	0	0	2	1	1	1	0	6	0	16	0	0	0	2	0	0	0	0	3	0	0	1	1	5	0	0	0	1	0
Tubificoides wasselli	O	0	0	1	2	26	5	0	6	0	0	0	0	0	29	0	0	1	1	3	0	0	0	0	6	0	0	7	27	0
Scoletoma tenuis	P	0	0	11	22	1	0	0	1	2	0	0	1	0	1	0	0	1	25	15	0	0	0	15	5	0	1	0	6	12
Protohaustorius deichmannae	A	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Scoloplos rubra	P	2	0	0	10	0	0	0	0	1	0	0	1	0	1	0	0	0	2	1	0	1	1	157	2	0	0	0	4	19
Tubificidae	O	1	0	0	21	0	0	4	0	0	0	0	6	0	0	0	0	2	4	0	0	0	0	0	0	0	0	1	0	0
Tharyx acutus	P	0	0	18	5	0	0	0	2	0	2	0	2	0	2	0	4	8	5	2	0	0	3	0	37	0	4	6	8	1
Tubificidae sp. B	O	0	0	6	74	23	11	8	12	0	7	0	0	0	20	0	0	1	1	17	0	0	10	31	16	0	0	0	54	0
Mediomastus ambiseta	P	11	0	63	7	1	9	0	1	0	4	0	0	0	1	0	14	14	1	8	0	5	8	5	16	0	5	1	0	0
Parapionosyllis sp.	P	0	0	0	0	50	13	0	0	0	0	0	0	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0	16	1
Tubificidae sp. A	O	0	0	0	0	12	0	167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polydora cornuta	P	0	0	0	8	3	0	0	9	24	0	0	0	1	0	0	0	18	7	4	0	0	3	0	0	0	1	0	0	3
Cirratulidae	P	0	0	3	6	0	0	0	1	0	1	0	2	0	2	0	1	4	1	1	0	0	0	1	4	0	0	3	6	5
Cyathura burbancki	O	1	2	0	4	41	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3
Sabellaria vulgaris	P	0	0	0	6	33	1	0	10	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	12	0
Streptosyllis sp.	P	0	0	0	1	5	0	0	0	0	0	0	0	0	51	0	0	0	1	5	0	0	0	0	0	0	0	0	7	1
Tubificoides brownae	O	3	1	19	1	1	2	0	14	0	0	0	2	2	2	0	0	3	6	10	0	2	8	4	24	0	0	1	0	0
Unciola serrata	A	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Aricidea wassi	P	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	19	0	1	0	0	1	0	8	0	2	0	1	1
Cirrophorus sp.	P	0	0	3	4	1	1	0	1	0	0	0	0	0	17	0	0	2	1	4	0	0	1	1	5	0	1	0	2	1
Carinomella lactea	O	0	0	6	1	2	5	0	16	0	4	0	18	0	1	0	3	2	1	10	0	6	16	0	1	1	1	3	0	0
Spiochaetopterus costarum oculatus	P	24	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	1	2	0	7	0	0	0	1	0
Nemertinea	O	2	1	0	3	9	0	0	2	0	1	13	1	1	3	4	1	2	1	1	2	1	1	0	0	1	0	2	3	1
Tellina agilis	M	0	0	2	0	0	2	0	4	0	5	0	0	0	0	0	17	5	0	0	0	0	1	0	1	0	0	0	0	0
Pelecypoda	M	0	0	0	2	2	0	6	4	1	0	1	0	0	1	3	0	1	0	1	2	0	3	1	1	0	1	7	1	0
Turbonilla sp.	M	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0
Mediomastus californiensis	P	0	0	0	0	1	3	0	3	0	0	0	2	0	0	0	0	2	1	2	0	0	1	1	6	0	0	0	21	1
Rhepoxynius hudsoni	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	1	0	0	0
Prionospio sp.	P	0	0	1	1	3	12	0	1	0	12	0	6	0	0	0	17	0	0	0	0	0	9	1	0	0	0	0	1	0
Paraprionospio pinnata	P	8	0	0	0	0	0	0	2	2	0	0	5	1	0	0	0	0	2	0	0	39	0	3	0	1	0	0	0	0
Clymenella torquata	P	0	0	1	0	0	12	0	6	0	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
Pinnixa sp.	O	0	0	1	0	1	10	0	20	0	1	0	1	0	0	0	5	1	0	1	0	0	0	0	0	0	1	3	1	0
Chiridotea stenops	O	0	0	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nereis succinea	P	0	2	0	17	0	9	0	1	2	0	0	0	2	1	0	0	1	0	0	3	0	0	1	1	6	0	1	0	1
Corophium aquafuscum	A	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	5	0	0	0	16	0
Heteromastus filiformis	P	3	6	0	0	0	0	0	0	0	0	3	0	1	2	0	0	1	11	0	1	0	0	0	0	4	1	0	0	0
Maera caroliniana	A	0	0	0	0	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Podarkeopsis levifuscina	P	0	0	0	12	5	2	0	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	7	0
Nucula sp.	M	0	0	0	0	0	2	0	1	0	1	0	0	0	0	0	0	1	1	2	0	0	2	1	4	0	0	0	0	0
Enchytraeidae	O	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0
Glycera americana	P	0	0	0	2	2	5	0	3	1	1	0	0	0	0	0	2	1	2	5	0	1	1	0	2	0	3	3	1	0
Lepidactylus dytiscus	A	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	0	0
Tubificoides heterochaetus	O	0	2	0	0	0	0	1	0	0	0	0	0	0	0	35	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Tellinidae	M	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	13	1	0	0	0	1	0	3	1	0	0	0	2
Ampelisca verrilli	A	34	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Corophium simile	A	0	0	0	10	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Biffarius biformis	O	0	0	2	0	0	0	0	2	0	3	0	1	0	0	0	3	2	0	0	0	0	2	0	1	0	0	3	0	1
Percent of total abundance		95	61	87	81	75	52	92	74	86	66	61	69	87	90	100	81	76	85	82	71	84	67	79	88	66	76	58	87	96
Mean total abundance (#/0.04m^2)		123	19	180	616	879	204	780	246	61	89	35	98	19	276	75	113	167	137	373	18	76	116	329	227	37	36	79	491	321
Mean density (#/m^2)		3075	475	4488	15400	21975	5100	19488	6138	1513	2225	875	2438	475	6888	1875	2825	4163	3413	9325	438	1888	2900	8213	5663	925	900	1975	12263	8013
Mean number of species (#/0.04m^2)		13	7	23	46	56	50	13	50	18	26	10	29	6	21	4	21	39	27	48	8	13	35	30	37	11	18	30	48	23
H' - diversity		2.89	2.16	3.38	3.84	4.16	4.88	1.57	4.62	3.28	3.92	2.78	4.07	1.9	2.93	1.34	3.28	4.18	3.56	3.94	2.58	2.34	4.45	2.58	4.31	2.79	3.68	4.35	3.87	2.05
J' - diversity		0.79	0.8	0.75	0.7	0.72	0.87	0.43	0.83	0.79	0.84	0.84	0.85	0.78	0.67	0.67	0.75	0.8	0.8	0.71	0.9	0.64	0.88	0.53	0.83	0.81	0.89	0.89	0.69	0.46