

**SCECAP 2001 -- Open Water
Dominant Fish and Crustacean Taxa**

Species Name	RO01098	RO01099	RO01108	RO01109	RO01110	RO01111	RO01112	RO01113	RO01114	RO01115	RO01116	RO01117	RO01122	RO01123	RO01124	RO01125	RO01129	RO01130	RO01131	RO01132	RO01133	RO01144	RO01145	RO01146	RO01147	RO01148	RO01161	RO01162	RO01163	RO01164	RO01165	
<i>Farfantepenaeus aztecus</i>	163	51	221	18	0	0	7	435	0	0	4	0	424	47	31	11	949	167	0	22	14	127	36	0	236	7	283	0	0	18	72	
<i>Leiostomus xanthurus</i>	7	47	7	0	4	0	14	83	14	0	0	22	7	14	12	11	743	0	33	130	4	25	65	7	141	304	0	4	0	22	275	
<i>Litopenaeus setiferus</i>	0	7	0	0	4	0	0	0	4	7	185	0	4	0	54	0	0	0	0	543	0	0	40	0	685	14	0	18	11	51	0	
<i>Micropogonias undulatus</i>	22	51	0	11	0	0	0	409	0	0	4	0	40	14	4	0	409	0	0	4	4	0	51	0	4	14	47	4	0	0	54	
<i>Stellifer lanceolatus</i>	4	36	0	0	4	0	0	438	0	43	47	0	0	0	15	0	11	0	0	0	0	4	22	0	0	0	0	0	76	14	0	
<i>Cynoscion regalis</i>	7	7	0	0	0	0	0	4	0	0	0	0	58	33	12	0	76	51	0	18	7	18	109	0	0	0	0	11	0	51	225	
<i>Lolliguncula brevis</i>	11	0	0	0	4	0	7	0	0	0	0	14	7	4	4	4	25	0	4	33	0	62	40	22	47	109	0	51	0	4	0	
<i>Anchoa mitchilli</i>	33	0	4	0	0	0	0	0	4	0	0	7	29	4	0	0	0	0	65	47	4	25	0	33	0	14	0	11	0	18	0	
<i>Lagodon rhomboides</i>	0	0	0	0	0	4	0	0	11	0	0	94	0	0	0	47	0	0	0	0	0	0	7	4	18	98	0	0	0	0	0	
<i>Chloroscombrus chrysurus</i>	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	228	0	0	4	0	0	7	0	0	0	0	0	0	
<i>Bairdiella chrysoura</i>	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	4	0	4	134	0	0	4	0	0	7	
<i>Callinectes similis</i>	0	0	0	0	0	0	0	4	0	0	4	0	14	4	4	0	112	0	0	0	0	4	7	0	0	0	0	0	0	0	7	
<i>Trinectes maculatus</i>	4	4	0	0	4	0	0	4	0	4	0	0	0	0	0	0	22	0	0	0	0	0	14	0	0	54	0	0	0	0	4	
<i>Brevoortia tyrannus</i>	36	51	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	7	0	0	0	
<i>Orthopristis chrysoptera</i>	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	72	0	0	0	0	0	0	
<i>Selene vomer</i>	0	0	0	0	4	0	0	0	4	0	0	0	4	0	0	0	0	4	0	4	0	0	0	0	0	14	0	29	0	0	0	
<i>Menticirrhus americanus</i>	0	0	0	0	7	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4	11	7	0	0	0	0	0	0	0	0	14	
<i>Callinectes sapidus</i>	4	7	0	7	0	0	0	0	0	0	0	0	4	0	0	0	11	7	0	0	0	0	4	0	0	0	0	0	0	0	0	0
<i>Dorosoma petenense</i>	0	33	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	0
<i>Farfantepenaeus duorarum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
<i>Symphurus plagiusa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4	0	0	0	0	14	
<i>Pepilus alepidotus</i>	0	0	0	4	0	0	0	4	0	4	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	
<i>Chaetodipterus faber</i>	0	0	0	0	0	4	0	0	0	0	0	4	0	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	0	0
<i>Anchoa hepsetus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	14	0	0	0	0	0	0	0	0	0	0
<i>Stephanolepis hispidus</i>	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnura micrura</i>	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	4	0	
<i>Dasyatis sabina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0
<i>Opsanus tau</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	7	0	0	0	0	0	0	0
<i>Lutjanus synagris</i>	0	0	0	0	0	0	11	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>Centropristis philadelphica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Aluterus schoepfi</i>	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chilomycterus schoepfi</i>	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
<i>Citharichthys spilopterus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
<i>Pogonias cromis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
<i>Prionotus scitulus</i>	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	0	7	
<i>Rhinoptera bonasus</i>	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	0	7	
<i>Menticirrhus sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alosa mediocris</i>	0	0	0	0	0	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	0	0
<i>Dasyatis americana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
<i>Menticirrhus littoralis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Opisthonema oglinum</i>	0	4	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	0
<i>Paralichthys dentatus</i>	0	0	0	4	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>Paralichthys lethostigma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pomatomus saltatrix</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synodus foetens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Mean total abundance (#/hectare)	293	297	236	43	33	25	40	1380	36	58	250	145	612	123	167	76	2380	232	333	862	54	297	413	65	1344	645	330	138	87	181	696	
Mean number of species (#/trawl)	9	9	3	3	4	3	3	6	3	2	5	4	9	6	7	3	11	4	4	13	6	7	11	3	8	9	2	7	2	6	10	
H' - Diversity	2.15	2.76	0.37	1.06	1.92	0.90	1.41	1.66	1.48	0.80	1.14	1.28	1.70	1.96	2.36	1.28	1.94	1.08	1.29	1.99	2.32	1.88	2.78	0.85	1.94	1.99	0.30	2.41	0.54	2.32	2.01	
J' - Evenness	0.70	0.90	0.30	0.85	0.98	0.45	0.94	0.66	0.93	0.80	0.53	0.62	0.54	0.82	0.88	0.84	0.56	0.61	0.66	0.54	0.94	0.72	0.80	0.43	0.67	0.65	0.30	0.89	0.54	0.90	0.61	
Species Richness	2.10	2.09	0.44	0.82	2.03	0.84	1.18	0.96	1.42	0.91	0.99	0.99	1.84	1.68	1.86	0.88	1.75	0.73	0.79	2.46	2.31	1.49	2.52	0.55	1.24	1.69	0.11	2.07	0.42	1.68	1.95	

Station RO01121 had no trawlable bottom and was therefore excluded from this appendix.

Recreationally important species are in bold text.