

**SCECAP 2004 -- Open Water
Dominant Fish and Crustacean Taxa**

SpeciesName	RO046061	RO046062	RO046063	RO046064	RO046065	RO046066	RO046067	RO046068	RO046069	RO046070	RO046071	RO046072	RO046073	RO046074	RO046075	RO046076	RO046077	RO046078	RO046079	RO046080	RO046081	RO046082	RO046083	RO046084	RO046085	RO046086	RO046087	RO046088	RO046089	RO046090
<i>Penaeus setiferus</i>	0	821	0	2612	0	0	0	4	22	0	22	99	0	0	0	630	36	40	0	0	0	601	40	54	192	0	0	0	7	0
<i>Cynoscion regalis</i>	0	61	47	25	0	0	0	0	4	0	0	0	0	0	0	22	14	0	0	362	0	11	7	0	40	0	141	174	0	659
<i>Leiostomus xanthurus</i>	0	8	14	14	0	7	0	7	0	0	0	22	0	22	4	36	7	11	39	112	4	4	7	36	22	0	4	1091	0	4
<i>Penaeus aztecus</i>	36	22	14	7	91	4	0	4	0	4	0	33	7	0	0	0	54	72	0	301	4	4	134	0	0	0	0	112	11	109
<i>Lagodon rhomboides</i>	0	0	0	0	0	76	0	105	0	0	0	48	0	40	0	0	0	11	18	0	0	0	0	0	0	0	0	638	0	0
<i>Micropogonias undulatus</i>	0	344	0	264	33	0	4	0	0	0	4	0	0	0	0	47	4	0	0	4	11	11	0	4	4	0	7	0	0	0
<i>Lolliguncula brevis</i>	18	4	22	0	0	18	22	7	0	0	0	14	29	69	0	0	25	25	7	76	0	4	4	29	14	18	7	188	0	69
<i>Stellifer lanceolatus</i>	0	47	0	62	0	0	0	0	152	0	0	0	0	0	0	11	0	0	0	29	80	0	105	0	0	0	0	0	0	4
<i>Anchoa mitchilli</i>	0	0	0	0	0	0	0	0	0	0	0	11	80	0	0	4	72	7	0	58	0	0	0	7	25	0	0	0	0	0
<i>Trinectes maculatus</i>	0	8	0	4	25	7	0	0	51	0	0	44	0	0	0	11	7	58	0	4	0	0	0	0	0	0	0	0	0	0
<i>Chaetodipterus faber</i>	0	0	0	0	0	25	4	0	0	0	0	30	0	4	4	0	4	4	3	0	43	0	0	0	4	0	4	0	0	0
<i>Prionotus scitulus</i>	0	0	69	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	33	0	0	0	7
<i>Callinectes sapidus</i>	0	41	7	4	0	7	0	0	0	0	11	0	0	0	0	4	18	0	0	0	0	4	0	0	0	0	0	7	0	0
<i>Chloroscombrus chrysurus</i>	0	0	0	0	0	40	0	22	0	0	0	0	4	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bairdiella chrysoura</i>	4	8	0	0	0	7	0	0	0	0	0	4	7	0	0	0	0	0	0	0	0	4	7	4	0	18	0	0	0	0
<i>Orthopristis chrysoptera</i>	0	0	0	0	0	7	0	0	0	0	0	7	0	0	4	0	0	18	0	0	4	0	0	0	0	0	4	14	0	0
<i>Gerreidae</i>	0	0	0	0	0	7	0	14	0	0	0	7	0	25	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	0	0	0	0	4	0	0	4	0	0	0	0	0	7	0	0	4	0	0	14	0	0	0	0	0	0	7	4	0	0
<i>Peprilus alepidotus</i>	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prionotus tribulus</i>	0	4	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	14
<i>Menticirrhus americanus</i>	0	0	11	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	11	0	4	0	0	0	0	0	0	0
<i>Anchoa hepsetus</i>	0	0	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0	7	7	0	0	0	4	0	0	0	0	0	0	0
<i>Callinectes similis</i>	0	4	0	0	4	7	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	0	0	14	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	4	0
<i>Menticirrhus sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	4	0	0	0	0	0
<i>Chilomycterus schoepfi</i>	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
<i>Dasyatis sabina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	4	0	0	0	0	0	0	0	0	0
<i>Rhizoprionodon terraenovae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	4
<i>Gymnura micrura</i>	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	0	0	0	0	0
<i>Paralichthys lethostigma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scomberomorus maculatus</i>	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	4	0	0	0	0
<i>Symphurus plagiusa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
<i>Diplectrum formosum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Larimus fasciatus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
<i>Dasyatis sayi</i>	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
<i>Brevoortia tyrannus</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
<i>Centropristis striata</i>	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	0	0	0
<i>Citharichthys spilopterus</i>	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	0	0	0	0
<i>Ogcocephalus parvus</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
<i>Opisthonema oglinum</i>	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>Opsanus tau</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	4	0	0
<i>Penaeus duorarum</i>	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
<i>Peprilus triacanthus</i>	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	0
<i>Stephanolepis hispidus</i>	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
Mean total abundance (#/hectare)	58	1374	203	2993	167	236	29	170	228	7	36	335	134	174	33	768	279	264	77	971	159	652	348	138	304	58	192	2228	25	873
Mean number of species (#/trawl)	2	10	8	7	6	10	3	7	4	1	3	11	5	6	5	7	11	10	4	10	5	6	9	4	5	3	6	7	3	7
H' - Diversity	0.65	1.68	2.29	0.70	1.82	2.67	1.06	1.85	1.25	0.00	1.13	2.90	1.74	2.21	2.16	1.08	2.96	2.83	1.75	2.31	1.02	0.70	2.12	1.56	1.39	1.26	1.42	1.87	0.90	1.63
J' - Evenness	0.41	0.52	0.79	0.25	0.75	0.80	0.67	0.69	0.70	0.00	0.89	0.89	0.75	0.86	1.00	0.39	0.88	0.87	0.87	0.71	0.34	0.31	0.67	0.91	0.67	0.88	0.56	0.72	0.45	0.64
Species Richness	0.22	1.18	1.22	0.75	0.88	1.65	0.49	1.07	0.47	0.00	0.41	1.63	0.84	0.98	1.00	0.91	1.73	1.53	0.69	1.27	0.61	0.72	1.39	0.64	0.66	0.51	0.87	0.71	0.40	0.91

Recreationally important species are in bold text.