

Table 6. Rankings of sighting frequencies (%SF) with relative density scores (DEN) for fish species documented during the South Carolina Aquarium Roving Diver Technique surveys at three different sites off of South Carolina between June 2007 and July 2008.

Species	Fish Identification Skill Level of Divers				All Skill Levels		Rank by %SF
	Advanced		Novice		Total		
	DEN	%SF	DEN	%SF	DEN	TOT%	
Tomtate	3.87	93.20%	3.65	83.10%	3.78	88.90%	1
Bank Sea Bass	2.8	94.30%	2.62	80.00%	2.73	88.20%	2
Belted Sandfish	2.98	93.20%	2.66	72.30%	2.86	84.30%	3
Slippery Dick	3.18	93.20%	2.76	70.80%	3.03	83.70%	4
Blue Angelfish	2.23	85.20%	2.21	73.80%	2.22	80.40%	5
Cocoa Damsel fish	2.58	87.50%	2.28	70.80%	2.47	80.40%	6
Greater Amberjack	2.82	80.70%	3.15	70.80%	2.95	76.50%	7
Whitespotted Soapfish	2.46	80.70%	2.28	70.80%	2.39	76.50%	8
Black Sea Bass	2.75	71.60%	2.38	56.90%	2.61	65.40%	9
Cubbyu	2.25	73.90%	2.18	50.80%	2.22	64.10%	10
Great Barracuda	2.46	67.00%	2.68	58.50%	2.55	63.40%	11
Scamp	2.34	67.00%	2.21	58.50%	2.29	63.40%	12
Spottail Pinfish	3.2	69.30%	3.34	49.20%	3.25	60.80%	13
Beaugregory	2.2	62.50%	2.11	56.90%	2.16	60.10%	14
Gag	2.35	70.50%	2.34	44.60%	2.35	59.50%	15
Seaweed Blenny	2.31	72.70%	2.08	38.50%	2.25	58.20%	16
Atlantic Spadefish	2.73	55.70%	2.71	53.80%	2.73	54.90%	17
Sheepshead	1.77	60.20%	1.79	44.60%	1.78	53.60%	18
Queen Angelfish	2.28	56.80%	1.69	44.60%	2.06	51.60%	19
Twospot Cardinalfish	2.54	56.80%	2.1	44.60%	2.38	51.60%	20
Vermillion Snapper	3.43	52.30%	3.39	43.10%	3.42	48.40%	21
Spotfin Butterflyfish	1.73	50.00%	1.8	38.50%	1.75	45.10%	22
Scup	2.82	55.70%	2.53	26.20%	2.74	43.10%	23
Gray Triggerfish	1.75	45.50%	1.83	35.40%	1.78	41.20%	24
Oyster Toadfish	1.59	42.00%	1.57	32.30%	1.59	37.90%	25
Bicolor Damsel fish	2.03	43.20%	1.95	29.20%	2	37.30%	26
White Grunt	1.89	39.80%	1.55	30.80%	1.76	35.90%	27
Dwarf Goatfish	2.32	38.60%	2.58	29.20%	2.42	34.60%	28
Purple Reef fish	2.12	38.60%	1.95	29.20%	2.06	34.60%	29
Yellowtail Reef fish	2.11	40.90%	2.13	23.10%	2.12	33.30%	30
Bandtail Puffer	1.61	37.50%	1.5	18.50%	1.58	29.40%	31
Mackerel Scad	3.83	40.90%	3.88	12.30%	3.84	28.80%	32
Porgy sp.	2.16	21.60%	1.79	36.90%	1.95	28.10%	33
Planehead Filefish	1.36	28.40%	1.31	24.60%	1.34	26.80%	34
Emerald Parrotfish	1.87	34.10%	1.89	13.80%	1.87	25.50%	35

Red Lionfish (exotic)	1.58	27.30%	1.57	21.50%	1.58	24.80%	36
Sand Perch	2.23	34.10%	2.33	9.20%	2.25	23.50%	37
Round Scad	4	23.90%	4	20.00%	4	22.20%	38
Doctorfish	1.78	20.50%	1.4	23.10%	1.61	21.60%	39
Blue Tang	1.7	26.10%	1.5	6.20%	1.67	17.60%	40
Almaco Jack	2.14	15.90%	2.75	18.50%	2.42	17.00%	41
Inshore Lizardfish	1.42	21.60%	1.33	9.20%	1.4	16.30%	42
Reef Butterflyfish	1.56	20.50%	1.67	9.20%	1.58	15.70%	43
Highhat	1.69	14.80%	1.7	15.40%	1.7	15.00%	44
Red Snapper	1.35	19.30%	1	7.70%	1.27	14.40%	45
Reticulate Moray	1.38	14.80%	1.22	13.80%	1.32	14.40%	46
Painted Wrasse	1.94	20.50%	2	4.60%	1.95	13.70%	47
Southern Stingray	1.44	10.20%	1.17	18.50%	1.29	13.70%	48
Bar Jack	2.08	14.80%	2.86	10.80%	2.35	13.10%	49
Scrawled Cowfish	1.5	13.60%	1.25	12.30%	1.4	13.10%	50
Spanish Hogfish	1.44	18.20%	1.67	4.60%	1.47	12.40%	51
Spanish Mackerel	2.14	15.90%	1.8	7.70%	2.05	12.40%	52
Cobia	1.67	13.60%	2	9.20%	1.78	11.80%	53
Bridled Goby	1.87	17.00%	1.5	3.10%	1.82	11.10%	54
Spotted Goatfish	2.44	10.20%	2	12.30%	2.24	11.10%	55
Atlantic Guitarfish	1.17	13.60%	1	4.60%	1.13	9.80%	56
Jackknife-Fish	1.5	13.60%	1	3.10%	1.43	9.20%	57
Red Porgy	2	10.20%	3	7.70%	2.36	9.20%	58
Carolina Hake	1.56	10.20%	1.75	6.20%	1.62	8.50%	59
Sharksucker	1.45	12.50%	1.5	3.10%	1.46	8.50%	60
Spotted Moray	1.44	10.20%	1.75	6.20%	1.54	8.50%	61
Bigeye Scad	4	9.10%	3.67	4.60%	3.91	7.20%	62
Hogfish	1	6.80%	1	7.70%	1	7.20%	63
Palefin Batfish	1.86	8.00%	1.25	6.20%	1.64	7.20%	64
Polka-dot Batfish	1.13	9.10%	1	4.60%	1.09	7.20%	65
Roughtail Stingray	1	5.70%	1	9.20%	1	7.20%	66
Banded Butterflyfish	1.2	5.70%	1.4	7.70%	1.3	6.50%	67
Guaguanche	2.43	8.00%	2.67	4.60%	2.5	6.50%	68
Nurse Shark	1	9.10%	1	3.10%	1	6.50%	69
Yellowtail Snapper	1.83	6.80%	1.75	6.20%	1.8	6.50%	70
Leopard Toadfish	1.57	8.00%	1	3.10%	1.44	5.90%	71
Remora	1.8	5.70%	1.5	6.20%	1.67	5.90%	72
Yellow Goatfish	2.14	8.00%	2.5	3.10%	2.22	5.90%	73
Blue Goby	2	6.80%	1	3.10%	1.75	5.20%	74
Bluehead	1.8	5.70%	1.33	4.60%	1.63	5.20%	75
Greater Soapfish	1.75	4.50%	1.25	6.20%	1.5	5.20%	76
Pinfish	4	1.10%	2.71	10.80%	2.88	5.20%	77
Rainbow Runner	1.75	4.50%	1.75	6.20%	1.75	5.20%	78

Spotfin Hogfish	1.5	6.80%	1.5	3.10%	1.5	5.20%	79
Gulf Flounder	1.5	6.80%	1	1.50%	1.43	4.60%	80
Pearly Razorfish	2	5.70%	1.5	3.10%	1.86	4.60%	81
Blue Chromis	2	1.10%	2	7.70%	2	3.90%	82
Blue Runner	3.67	3.40%	2	4.60%	2.83	3.90%	83
Gray Snapper	2	1.10%	1.8	7.70%	1.83	3.90%	84
Little Tunny	3	5.70%	3	1.50%	3	3.90%	85
Sergeant Major	1.5	4.50%	1	3.10%	1.33	3.90%	86
Townsend Angelfish	1.4	5.70%	1	1.50%	1.33	3.90%	87
Black Grouper	2	3.40%	2	3.10%	2	3.30%	88
Fairy Basslet	0	0.00%	2.4	7.70%	2.4	3.30%	89
Ocean Surgeonfish	1.8	5.70%	0	0.00%	1.8	3.30%	90
Red Grouper	1.25	4.50%	1	1.50%	1.2	3.30%	91
Sand Diver	1.25	4.50%	1	1.50%	1.2	3.30%	92
Sunshinefish	1.67	3.40%	1.5	3.10%	1.6	3.30%	93
Goliath Grouper (Jewfish)	1	2.30%	1	3.10%	1	2.60%	94
Peacock Flounder	1	1.10%	1.33	4.60%	1.25	2.60%	95
Tautog	1.25	4.50%	0	0.00%	1.25	2.60%	96
Blackbar Soldierfish	1	1.10%	3	3.10%	2.33	2.00%	97
Brown Chromis	1.33	3.40%	0	0.00%	1.33	2.00%	98
Checkered Blenny	2	1.10%	2	3.10%	2	2.00%	99
Clearnose Skate	0	0.00%	2	4.60%	2	2.00%	100
Crevalle Jack	0	0.00%	3	4.60%	3	2.00%	101
Horse-Eye Jack	2	2.30%	1	1.50%	1.67	2.00%	102
Juvenile Grunt	4	3.40%	0	0.00%	4	2.00%	103
Orange Filefish	1	2.30%	1	1.50%	1	2.00%	104
Pigfish	4	1.10%	2.5	3.10%	3	2.00%	105
Red Drum	3	2.30%	3	1.50%	3	2.00%	106
Redlip Blenny	2	2.30%	1	1.50%	1.67	2.00%	107
Rosy Razorfish	2	3.40%	0	0.00%	2	2.00%	108
Spotted Scorpionfish	1	2.30%	1	1.50%	1	2.00%	109
African Pompano	2	2.30%	0	0.00%	2	1.30%	110
Barbfish	1	1.10%	1	1.50%	1	1.30%	111
Crested Blenny	1	1.10%	2	1.50%	1.5	1.30%	112
Foureye Butterflyfish	0	0.00%	1.5	3.10%	1.5	1.30%	113
Green Razorfish	2	1.10%	1	1.50%	1.5	1.30%	114
Harlequin Bass	1	2.30%	0	0.00%	1	1.30%	115
Porcupinefish	1	2.30%	0	0.00%	1	1.30%	116
Scrawled Filefish	1	2.30%	0	0.00%	1	1.30%	117
Shortnose Batfish	1	2.30%	0	0.00%	1	1.30%	118
Southern Flounder	1	1.10%	1	1.50%	1	1.30%	119
Squirrelfish	1	2.30%	0	0.00%	1	1.30%	120
Yellowhead Wrasse	0	0.00%	1	3.10%	1	1.30%	121

Bandtail Searobin	2	1.10%	0	0.00%	2	0.70%	122
Black Jack	3	1.10%	0	0.00%	3	0.70%	123
Butter Hamlet	0	0.00%	2	1.50%	2	0.70%	124
Coney	1	1.10%	0	0.00%	1	0.70%	125
Cownose Ray	0	0.00%	3	1.50%	3	0.70%	126
French Angelfish	1	1.10%	0	0.00%	1	0.70%	127
Gray Angelfish	0	0.00%	2	1.50%	2	0.70%	128
Graysby	0	0.00%	1	1.50%	1	0.70%	129
Green Moray	0	0.00%	1	1.50%	1	0.70%	130
Honeycomb Cowfish	0	0.00%	1	1.50%	1	0.70%	131
King Mackerel	0	0.00%	1	1.50%	1	0.70%	132
Mahogany Snapper	0	0.00%	2	1.50%	2	0.70%	133
Ocean Sunfish	0	0.00%	1	1.50%	1	0.70%	134
Ocean Triggerfish	0	0.00%	1	1.50%	1	0.70%	135
Orangespotted Filefish	1	1.10%	0	0.00%	1	0.70%	136
Pygmy Filefish	0	0.00%	1	1.50%	1	0.70%	137
Rainbow Wrasse	2	1.10%	0	0.00%	2	0.70%	138
Saddled Blenny	0	0.00%	2	1.50%	2	0.70%	139
Scaled Sardine	0	0.00%	4	1.50%	4	0.70%	140
Southern Hake	1	1.10%	0	0.00%	1	0.70%	141
Summer Flounder (Fluke)	1	1.10%	0	0.00%	1	0.70%	142
Whitespotted Filefish	3	1.10%	0	0.00%	3	0.70%	143