

Table 1: Timed scoring data from the each of the ten surveys. The key to the site listings is as follows: CFLD=Canefield, TP=Tarou Point, SH=Scott's Head, MAC1=the first survey at Macoucherie, MAC2=the second survey at Macoucherie, CHA1=the first survey at Champagne, CHA2=the second survey at Champagne, SALE=Salisbury East, SALW=Salisbury West, TB=Tabby Bay. Mean refers to the mean of all timed scores for each species. Std. Dev. refers to the standard deviation of the mean. SF (%) is the sighting frequency percentage, the number of surveys in which the species appeared divided by ten, the total number of surveys, and multiplied by 100 to obtain a percentage. Mean*SF is the mean timed score multiplied by the decimal form of the sighting frequency (e.g. 4.00*70%=4.00*0.70=2.80). In some cases, species are separated by visible life stages. These are indicated in parentheses by the following abbreviations: Juv=juvenile; IP=initial phase; TP=terminal phase. The total number of species counted in each survey is listed in bold at the bottom of each survey's column.

Family Name	Common Name	Genus	species	CFLD	TP	SH	MAC1	MAC2	CHA1	CHA2	SALE	SALW	TB	Mean	Std. Dev.	SF (%)	Mean * SF
Acanthuridae	Surgeonfish, Ocean	<i>Acanthurus</i>	<i>bahianus</i>	6	6	6	6	6	6	6	6	6	6	6.00	0.00	100	6.00
Pomacentridae	Chromis, Brown	<i>Chromis</i>	<i>multilineata</i>	6	6	6	6	6	6	6	6	6	6	6.00	0.00	100	6.00
Pomacentridae	Damselfish, Bicolor	<i>Pomacentrus</i>	<i>partitus</i>	6	6	6	6	6	6	6	6	6	6	6.00	0.00	100	6.00
Aulostomidae	Trumpetfish	<i>Aulostomus</i>	<i>maculatus</i>	6	5	6	6	6	6	6	6	6	6	5.90	0.32	100	5.90
Pomacentridae	Sergeant Major	<i>Abudefduf</i>	<i>saxatilis</i>	6	6	6	6	6	6	5	6	6	6	5.90	0.32	100	5.90
Mullidae	Goatfish, Yellow	<i>Mulloidichthys</i>	<i>martinicus</i>	6	6	6	6	5	6	6	6	3	6	5.60	0.97	100	5.60
Tetraodontidae	Puffer, Sharpnose	<i>Canthigaster</i>	<i>rostrata</i>	5	6	4	6	6	6	6	6	6	4	5.50	0.85	100	5.50
Haemulidae	Grunt, French	<i>Haemulon</i>	<i>flavolineatum</i>	4	6	6	6	6	3	6	6	5	6	5.40	1.07	100	5.40
Haemulidae	Grunt, Smallmouth	<i>Haemulon</i>	<i>chrysargyreum</i>	6	6	2	6	6	5	6	6	5	6	5.40	1.26	100	5.40
Holocentridae	Soldierfish, Blackbar	<i>Myripristis</i>	<i>jacobus</i>	6	5	3	6	6	6	6	6	5	4	5.30	1.06	100	5.30
Lutjanidae	Snapper, Mahogany	<i>Lutjanus</i>	<i>mahogani</i>	4	6	4	6	6	4	3	6	3	6	4.80	1.32	100	4.80
Labridae	Wrasse, Bluehead (TP)	<i>Thalassoma</i>	<i>bifasciatum</i>	5	6	5	6	5	6	0	6	6	6	5.10	1.85	90	4.59
Holocentridae	Squirrelfish	<i>Holocentrus</i>	<i>adscensionis</i>	0	6	6	5	6	6	6	5	5	5	5.00	1.83	90	4.50
Labridae	Puddingwife	<i>Halichoeres</i>	<i>radiatus</i>	6	6	5	6	4	4	6	6	0	6	4.90	1.91	90	4.41
Carangidae	Jack, Bar	<i>Caranx</i>	<i>ruber</i>	6	6	5	6	5	5	5	6	0	6	4.50	2.17	90	4.05
Ostraciidae	Trunkfish, Smooth	<i>Lactophrys</i>	<i>triqueter</i>	4	5	6	6	2	5	6	5	6	0	4.50	2.01	90	4.05
Serranidae	Coney	<i>Cephalopholis</i>	<i>fulvus</i>	3	4	6	6	5	5	6	4	6	0	4.50	1.90	90	4.05
Monacanthidae	Filefish, Orangespotted	<i>Cantherhines</i>	<i>pullus</i>	6	5	5	2	6	6	5	6	3	0	4.40	2.07	90	3.96
Pomacentridae	Damselfish, Yellowtail	<i>Microspathodon</i>	<i>chrysurus</i>	6	6	6	0	0	6	6	6	5	6	4.70	2.50	80	3.76
Scaridae	Parrotfish, Stoplight (Juv)	<i>Sparisoma</i>	<i>viride</i>	6	6	0	6	5	6	6	6	0	6	4.70	2.50	80	3.76
Labridae	Wrasse, Bluehead (Juv)	<i>Thalassoma</i>	<i>bifasciatum</i>	6	5	5	6	5	6	0	6	0	6	4.50	2.42	80	3.60
Mullidae	Goatfish, Spotted	<i>Pseudupeneus</i>	<i>maculatus</i>	6	6	0	6	6	5	4	6	0	5	4.40	2.41	80	3.52
Scaridae	Parrotfish, Stoplight (IP)	<i>Sparisoma</i>	<i>viride</i>	0	4	6	6	5	6	4	6	5	0	4.20	2.35	80	3.36
Chaetodontidae	Butterflyfish, Banded	<i>Chaetodon</i>	<i>striatus</i>	0	5	2	6	6	6	5	0	2	6	3.80	2.53	80	3.04
Scaridae	Parrotfish, Redband (IP)	<i>Sparisoma</i>	<i>aurofrenatum</i>	0	6	6	6	0	6	6	6	6	0	4.20	2.90	70	2.94
Acanthuridae	Blue Tang	<i>Acanthurus</i>	<i>coeruleus</i>	6	5	6	6	0	0	5	6	0	6	4.00	2.79	70	2.80
Pomacentridae	Damselfish, Dusky	<i>Pomacentrus</i>	<i>fuscus</i>	6	6	0	0	0	5	3	6	6	6	3.80	2.78	70	2.66
Scaridae	Parrotfish, Redband (TP)	<i>Sparisoma</i>	<i>aurofrenatum</i>	2	6	6	6	5	0	0	6	6	0	3.70	2.83	70	2.59
Sciaenidae	Drum, Spotted	<i>Equetus</i>	<i>punctatus</i>	5	6	0	5	4	0	3	3	5	1	3.20	2.20	80	2.56
Blenniidae	Blenny, Redlip	<i>Ophioblennius</i>	<i>atlanticus</i>	5	4	5	0	0	6	4	6	0	6	3.60	2.59	70	2.52
Scaridae	Parrotfish, Princess (IP)	<i>Scarus</i>	<i>taeniopterus</i>	0	6	6	2	6	6	6	0	4	0	3.60	2.80	70	2.52
Labridae	Slippery Dick	<i>Halichoeres</i>	<i>bivittatus</i>	6	2	2	0	2	0	2	5	6	3	2.80	2.20	80	2.24
Labridae	Wrasse, Yellowhead (TP)	<i>Halichoeres</i>	<i>gamoti</i>	0	0	3	5	5	5	4	3	6	0	3.10	2.33	70	2.17
Acanthuridae	Doctorfish	<i>Acanthurus</i>	<i>chirurgus</i>	6	4	0	6	2	4	6	2	0	0	3.00	2.54	70	2.10
Synodontidae	Sand Diver	<i>Synodus</i>	<i>intermedius</i>	0	0	1	5	6	0	1	5	6	6	3.00	2.79	70	2.10
Pomacanthidae	Beauty, Rock	<i>Holocanthus</i>	<i>tricolor</i>	0	5	6	3	0	6	5	0	4	0	2.90	2.64	60	1.74
Serranidae	Bass, Harlequin	<i>Serranus</i>	<i>tigrinus</i>	3	0	0	6	6	4	3	0	6	0	2.80	2.66	60	1.68
Serranidae	Graysby	<i>Cephalopholis</i>	<i>cruentatus</i>	0	6	1	5	6	0	4	0	5	0	2.70	2.71	60	1.62
Serranidae	Soapfish, Greater	<i>Rypticus</i>	<i>saponaceus</i>	5	5	0	6	5	0	3	0	0	3	2.70	2.50	60	1.62
Labridae	Hogfish, Spanish	<i>Bodianus</i>	<i>rufus</i>	0	3	5	6	4	0	0	0	2	6	2.60	2.55	60	1.56
Scaridae	Parrotfish, Princess (TP)	<i>Scarus</i>	<i>taeniopterus</i>	0	0	5	4	6	5	3	0	2	0	2.50	2.42	60	1.50
Scaridae	Parrotfish, Yellowtail (IP)	<i>Sparisoma</i>	<i>rubripinne</i>	0	3	5	0	3	0	2	6	0	6	2.50	2.51	60	1.50
Labridae	Wrasse, Yellowhead (IP)	<i>Halichoeres</i>	<i>gamoti</i>	6	0	0	6	5	5	0	0	6	0	2.80	2.97	50	1.40

<u>Family Name</u>	<u>Common Name</u>	<u>Genus</u>	<u>species</u>	<u>CFLD</u>	<u>TP</u>	<u>SH</u>	<u>MAC1</u>	<u>MAC2</u>	<u>CHA1</u>	<u>CHA2</u>	<u>SALE</u>	<u>SALW</u>	<u>TB</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>SF (%)</u>	<u>Mean * SF</u>
Pomacentridae	Chromis, Blue	<i>Chromis</i>	<i>cyanea</i>	0	6	0	6	0	5	5	0	6	0	2.80	2.97	50	1.40
Monacanthidae	Filefish, Whitespotted	<i>Cantherhines</i>	<i>macrocerus</i>	2	0	0	2	2	3	5	5	0	0	1.90	1.97	60	1.14
Scaridae	Parrotfish, Queen (IP)	<i>Scarus</i>	<i>vetula</i>	0	0	3	2	4	6	6	0	0	0	2.10	2.51	50	1.05
Pempheridae	Sweeper, Glassy	<i>Pempheris</i>	<i>schomburgki</i>	5	4	0	0	0	4	2	0	0	5	2.00	2.26	50	1.00
Pomacanthidae	Angelfish, French (Juv)	<i>Pomacanthus</i>	<i>paru</i>	6	1	0	4	4	0	0	5	0	0	2.00	2.45	50	1.00
Scaridae	Parrotfish, Redband (Juv)	<i>Sparisoma</i>	<i>aurofrenatum</i>	0	0	6	6	6	6	0	0	0	0	2.40	3.10	40	0.96
Labridae	Wrasse, Creole	<i>Clepticus</i>	<i>parrae</i>	3	0	5	5	5	1	0	0	0	0	1.90	2.33	50	0.95
Muraenidae	Moray, Spotted	<i>Gymnothorax</i>	<i>moringa</i>	0	0	2	5	4	6	2	0	0	0	1.90	2.33	50	0.95
Chaetodontidae	Butterflyfish, Four-eye	<i>Chaetodon</i>	<i>capistratus</i>	3	5	0	0	0	6	6	0	0	0	2.00	2.71	40	0.80
Acanthuridae	Blue Tang (Juv)	<i>Acanthurus</i>	<i>coeruleus</i>	0	0	5	0	3	6	0	0	0	5	1.90	2.56	40	0.76
Cirrhitidae	Hawkfish, Redspotted	<i>Amblycirrhitus</i>	<i>pinos</i>	1	5	6	0	0	0	0	5	0	0	1.70	2.54	40	0.68
Chaetodontidae	Butterflyfish, Longsnout	<i>Chaetodon</i>	<i>aculeatus</i>	0	0	6	0	0	4	4	0	2	0	1.60	2.27	40	0.64
Serranidae	Tobaccofish	<i>Serranus</i>	<i>tabacarius</i>	0	0	0	4	3	4	0	0	5	0	1.60	2.12	40	0.64
Muraenidae	Moray, Goldentail	<i>Gymnothorax</i>	<i>miliaris</i>	0	0	0	0	6	2	4	3	0	0	1.50	2.17	40	0.60
Scaridae	Parrotfish, Yellowtail (TP)	<i>Sparisoma</i>	<i>rubripinne</i>	0	0	1	4	0	4	0	0	6	0	1.50	2.27	40	0.60
Pomacentridae	Damselfish, Yellowtail (Juv)	<i>Microspathodon</i>	<i>chrysurus</i>	6	0	6	0	0	5	0	0	0	0	1.70	2.75	30	0.51
Balistidae	Durgon, Black	<i>Melichthys</i>	<i>niger</i>	0	0	5	0	0	6	5	0	0	0	1.60	2.59	30	0.48
Lutjanidae	Snapper, Yellowtail	<i>Ocyurus</i>	<i>chrysurus</i>	0	0	0	4	0	5	0	0	0	6	1.50	2.46	30	0.45
Sciaenidae	Highhat	<i>Pareques</i>	<i>acuminatus</i>	0	0	0	6	5	0	0	0	4	0	1.50	2.46	30	0.45
Sparidae	Pluma	<i>Calamus</i>	<i>pennatula</i>	0	0	0	6	5	0	0	0	4	0	1.50	2.46	30	0.45
Haemulidae	Grunt, Bluestriped	<i>Haemulon</i>	<i>sciurus</i>	0	2	0	2	0	4	3	0	0	0	1.10	1.52	40	0.44
Diodontidae	Porcupinefish	<i>Diodon</i>	<i>hystrix</i>	2	0	2	4	0	0	2	0	0	0	1.00	1.41	40	0.40
Holocentridae	Squirrelfish, Dusky	<i>Sargocentron</i>	<i>vexillarium</i>	6	4	2	0	0	0	0	0	0	0	1.20	2.15	30	0.36
Scaridae	Parrotfish, Striped (IP)	<i>Scarus</i>	<i>croicensis</i>	0	2	0	0	0	4	6	0	0	0	1.20	2.15	30	0.36
Carangidae	Jack, Horseeye	<i>Caranx</i>	<i>latus</i>	0	4	4	0	0	0	0	0	0	3	1.10	1.79	30	0.33
Serranidae	Hamlet, Barred	<i>Hypolectrus</i>	<i>puella</i>	0	0	2	0	0	0	5	0	3	0	1.00	1.76	30	0.30
Kyphosidae	Chub	<i>Kyphosus</i>	<i>sp.</i>	6	6	0	0	0	0	0	0	0	0	1.20	2.53	20	0.24
Labridae	Wrasse, Bluehead (IP)	<i>Halichoeres</i>	<i>bifasciatum</i>	6	0	0	0	0	0	6	0	0	0	1.20	2.53	20	0.24
Gobiidae	Goby, Bridled	<i>Coryphopterus</i>	<i>glaucofraenum</i>	0	0	0	5	5	0	0	0	0	0	1.00	2.11	20	0.20
Haemulidae	Grunt, Caesar	<i>Haemulon</i>	<i>carbonarium</i>	0	0	0	0	0	0	3	0	0	6	0.90	2.02	20	0.18
Serranidae	Hamlet, Shy	<i>Hypolectrus</i>	<i>guttavarius</i>	3	0	0	0	0	0	0	0	5	0	0.80	1.75	20	0.16
Ophichthidae	Eel, Sharptail	<i>Myrichthys</i>	<i>breviceps</i>	0	0	0	0	0	4	0	0	3	0	0.70	1.49	20	0.14
Serranidae	Creolefish	<i>Paranthias</i>	<i>furcifer</i>	0	0	5	0	0	0	0	0	2	0	0.70	1.64	20	0.14
Exocoetidae	Ballyhoo	<i>Hemiramphus</i>	<i>brasiliensis</i>	0	0	0	0	0	1	4	0	0	0	0.50	1.27	20	0.10
Balistidae	Triggerfish, Queen	<i>Balistes</i>	<i>vetula</i>	0	0	0	1	3	0	0	0	0	0	0.40	0.97	20	0.08
Belonidae	Houndfish	<i>Tylosurus</i>	<i>crocodilus</i>	6	0	0	0	0	0	0	0	0	0	0.60	1.90	10	0.06
Pomacanthidae	Angelfish, French	<i>Pomacanthus</i>	<i>paru</i>	0	0	0	0	0	6	0	0	0	0	0.60	1.90	10	0.06
Pomacentridae	Damselfish, Threespot	<i>Stegastes</i>	<i>planifrons</i>	0	6	0	0	0	0	0	0	0	0	0.60	1.90	10	0.06
Scaridae	Parrotfish, Striped (TP)	<i>Scarus</i>	<i>croicensis</i>	0	0	0	0	0	0	6	0	0	0	0.60	1.90	10	0.06
Haemulidae	Grunt, White	<i>Haemulon</i>	<i>plumierii</i>	0	0	0	0	5	0	0	0	0	0	0.50	1.58	10	0.05
Pomacentridae	Night Sergeant	<i>Abudefduf</i>	<i>taurus</i>	0	5	0	0	0	0	0	0	0	0	0.50	1.58	10	0.05
Sciaenidae	Jackknife Fish	<i>Equetus</i>	<i>lanceolatus</i>	0	0	0	0	0	0	0	0	5	0	0.50	1.58	10	0.05
Bothidae	Flounder, Peacock	<i>Bothus</i>	<i>lunatus</i>	0	0	4	0	0	0	0	0	0	0	0.40	1.26	10	0.04
Dasyatidae	Stingray, Southern	<i>Dasyatis</i>	<i>americana</i>	0	0	4	0	0	0	0	0	0	0	0.40	1.26	10	0.04
Diodontidae	Balloonfish	<i>Diodon</i>	<i>holocanthus</i>	0	0	0	0	4	0	0	0	0	0	0.40	1.26	10	0.04
Haemulidae	Tomtate	<i>Haemulon</i>	<i>aurolineatum</i>	0	0	0	0	0	0	0	0	0	4	0.40	1.26	10	0.04
Scaridae	Parrotfish, Striped (Juv)	<i>Scarus</i>	<i>croicensis</i>	0	0	0	4	0	0	0	0	0	0	0.40	1.26	10	0.04
Labridae	Wrasse, Clown (TP)	<i>Halichoeres</i>	<i>maculipinna</i>	0	0	0	0	0	3	0	0	0	0	0.30	0.95	10	0.03
Scorpaenidae	Scorpionfish, Spotted	<i>Scorpaena</i>	<i>plumieri</i>	0	0	0	0	0	0	0	3	0	0	0.30	0.95	10	0.03
Serranidae	Rock Hind	<i>Epinephelus</i>	<i>adscensionis</i>	3	0	0	0	0	0	0	0	0	0	0.30	0.95	10	0.03
Tetraodontidae	Puffer, Bandtail	<i>Sphoeroides</i>	<i>spengleri</i>	0	0	0	0	0	0	0	0	3	0	0.30	0.95	10	0.03
Gereidae	Mojarra, Yellowfin	<i>Gerres</i>	<i>cinereus</i>	0	0	0	0	0	0	0	2	0	0	0.20	0.63	10	0.02
Monacanthidae	Filefish, Scrawled	<i>Aluterus</i>	<i>scriptus</i>	0	0	0	0	2	0	0	0	0	0	0.20	0.63	10	0.02

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Muraenidae	Moray, Chain	<i>Echidna</i>	<i>catenata</i>	0	2	0	0	0	0	0	0	0	0	0.20	0.63	10	0.02	
Pomacentridae	Damselfish, Cocoa (Juv)	<i>Stegastes</i>	<i>variabilis</i>	0	2	0	0	0	0	0	0	0	0	0.20	0.63	10	0.02	
Grammatidae	Basslet, Fairy	<i>Gramma</i>	<i>loreto</i>	0	0	0	0	0	0	0	0	0	1	0.10	0.32	10	0.01	
Haemulidae	Margate, Black	<i>Anisotremus</i>	<i>surinamensis</i>	0	0	0	0	0	0	1	0	0	0	0.10	0.32	10	0.01	
Total Non-Zero Counts				45	52	52	55	53	56	56	39	46	36					
Minus Repeat Spp.				-3	-3	-7	-6	-5	-6	-3	-3	-3	-2					
Species Count:				42	49	45	49	48	50	53	36	43	34					