Supplemental Table 1: Number, size, size range, and seasonal occurrence (denoted with X) of all species captured on bottom longline, 2006-2018.

Species	Scientific name	Species group	n	Mean Length ± SE (cm)	Length Range (cm)	Spring	Summer	Autumn
Atlantic sharpnose shark	*Rhizoprionodon terraenovae*	Elasmobranch	4815	89.37 ± 0.12	33 - 127	X	X	X
blacknose shark	*Carcharhinus acronotus*	Elasmobranch	1532	108.06 ± 0.22	47 - 135	X	X	X
red snapper	*Lutjanus campechanus*	Snapper/grouper	1359	76.60 ± 0.18	38 - 100	X	X	X
blacktip shark	*Carcharhinus limbatus*	Elasmobranch	1207	125.11 ± 0.54	39 - 200	X	X	X
gafftopsail catfish	*Bagre marinus*	Other demersal	935	56.90 ± 0.16	24 - 71	X	X	X
red drum	*Sciaenops ocellatus*	Other demersal	780	93.13 ± 0.15	72 - 109	X	X	X
sandbar shark	*Carcharhinus plumbeus*	Elasmobranch	569	196.73 ± 0.63	88 - 260	X	X	X
bull shark	*Carcharhinus leucas*	Elasmobranch	370	137.80 ± 1.94	73 - 275	X	X	X
spinner shark	*Carcharhinus brevipinna*	Elasmobranch	339	102.27 ± 1.37	65 - 217	X	X	X
tiger shark	*Galeocerdo cuvier*	Elasmobranch	317	159.25 ± 2.81	78 - 430	X	X	X
southern stingray	*Hypanus americana*	Elasmobranch	265	87.78 ± 0.94	47 - 165	X	X	X
scalloped hammerhead	*Sphyrna lewini*	Elasmobranch	209	184.86 ± 1.96	119 - 350	X	X	X
hardhead catfish	*Ariopsis felis*	Other demersal	182	38.53 ± 0.18	30 - 46	X	X	X
smoothhound sharks	*Mustelus spp.*	Elasmobranch	176	108.24 ± 0.88	68 - 139	X	X	X
finetooth shark	*Carcharhinus isodon*	Elasmobranch	136	103.30 ± 1.02	66 - 141	X	X	X
great hammerhead	*Sphyrna mokarran*	Elasmobranch	86	214.90 ± 2.84	132 - 300	X	X	X
nurse shark	*Ginglymostoma cirratum*	Elasmobranch	77	233.97 ± 2.02	160 - 300		X	X
sharksucker	*Echeneis naucrates*	Pelagic	41	70.44 ± 0.78	55 - 88	X	X	X
clearnose skate	*Raja eglanteria*	Elasmobranch	32	40.97 ± 0.41	33 - 46	X		X
silky shark	*Carcharhinus falciformis*	Elasmobranch	32	102.63 ± 2.72	67 - 167	X	X	X
black drum	*Pogonias cromis*	Other demersal	22	94.77 ± 0.81	81 - 101	X		X
Atlantic stingray	*Hypanus sabinus*	Elasmobranch	21	46.51 ± 0.72	37 - 58	X	X	X
shrimp eel	*Ophicthus gomesii*	Other demersal	20	64.72 ± 3.57	33 - 115	X	X	X
greater amberjack	*Seriola dumerili*	Pelagic	20	99.42 ± 2.11	86 - 122	X	X	X
red grouper	*Ephinephalus morio*	Snapper/grouper	17	72.18 ± 1.69	50 - 86	X	X	X
cownose ray	*Rhinoptera bonasus*	Elasmobranch	16	92.30 ± 3.30	70 - 125	X	X	X
cobia	*Rachycentrum canadum*	Pelagic	14	97.98 ± 4.33	50 - 128	X	X	X
remora	*Remora remora*	Pelagic	14	68.62 ± 0.88	62 - 76	X	X	X
crevalle jack	*Caranx hippos*	Pelagic	12	108.27 ± 0.51	105 - 112	X	X	X
king mackerel	*Scomberomorus cavalla*	Pelagic	12	102.96 ± 2.88	81 - 122	X	X	X
scamp	*Mycteroperca phenax*	Snapper/grouper	11	79.64 ± 2.67	57 - 96	X	X	X
king snake eel	*Ophicthus rex*	Other demersal	10	141.63 ± 6.11	98 - 180	X	X	X
almaco jack	*Seriola rivoloana*	Pelagic	8	82.98 ± 3.03	71 - 107	X	X	X
sand seatrout	*Cynoscion nebulosus*	Other demersal	7	33.47 ± 1.10	30 - 38	X		X
yellowedge grouper	*Hyporthodus flavolimbatus*	Snapper/grouper	7	73.98 ± 5.01	50 - 102	X	X	
Atlantic croaker	*Micropogonias undulatus*	Other demersal	6	20.00 ± 0.20	20 - 20	X		X
bonnethead	*Sphyrna tiburo*	Elasmobranch	5	87.60 ± 3.17	75 - 99		X	X
gulper shark	*Centrophorus spp.*	Elasmobranch	5	87.60 ± 1.83	84 - 98			X
palespotted eel	*Ophicthus puncticeps*	Other demersal	5	48.12 ± 2.06	42 - 59	X	X	
tilefish	*Lopholatilus chamaeleonticeps*	Other demersal	5	67.47 ± 4.19	58 - 92	X		X
Atlantic bonito	*Sarda sarda*	Pelagic	4	77.58 ± 2.07	72 - 86		X	X
mahi mahi	*Coryphaena hippurus*	Pelagic	4	82.10 ± 4.23	68 - 90		X	X
bullnose ray	*Myliobatis freminvillei*	Elasmobranch	3	66.77 ± 1.42	63 - 70	X	X	
mantis shrimp	*Squilla sp.*	Invertebrate	3	17.00	NA		X	X
bluntnose stingray	*Hypanus say*	Elasmobranch	2	62.25 ± 2.65	58 - 66	X		X
shortfin mako	*Isurus oxyrinchus*	Elasmobranch	2	82.85 ± 1.52	81 - 85	X		
Atlantic cutlassfish	*Trichiurus lepturus*	Other demersal	2	87.60 ± 0.99	86 - 89	X	X	
blackwing searobin	*Prionotus rubio*	Other demersal	2	33.70 ± 1.91	31 - 36	X		X
red porgy	*Pagrus pagrus*	Other demersal	2	38.80 ± 5.52	31 - 47	X		X
southern kingfish	*Mentichirrhus americanus*	Other demersal	2	35.20 ± 1.20	34 - 37	X		
bluefish	*Pomotomus saltatrix*	Pelagic	2	39.50	NA		X	
gag grouper	*Mycteroperca microlepis*	Snapper/grouper	2	105.30 ± 9.83	91 - 119	X		
lane snapper	*Lutjanus synagris*	Snapper/grouper	2	30.60 ± 5.23	23 - 38	X		X
lemon shark	*Negaprion brevirostris*	Elasmobranch	1	200.50	NA			X
bighead searobin	*Prionotus tribulus*	Other demersal	1	NA	NA			X
goldspotted eel	*Myrichthys ocellatus*	Other demersal	1	NA	NA	X		
Gulf hake	*Urophycis cirrata*	Other demersal	1	54.00	NA			X
ladyfish	*Elops saurus*	Other demersal	1	55.20	NA		X	
leopard searobin	*Prionotus scitulus*	Other demersal	1	33.00	NA			X
leopard toadfish	*Opsanus pardus*	Other demersal	1	30.00	NA	X		
reticulate moray	*Muraena retifera*	Other demersal	1	72.50	NA			X
spotted snake eel	*Ophichthus ophis*	Other demersal	1	37.50	NA	X		
spanish mackerel	*Scomberomorus maculatus*	Pelagic	1	NA	NA			X
banded rudderfish	*Seriola zonata*	Pelagic	1	54.50	NA	X		
blackfin tuna	*Thunnus atlanticus*	Pelagic	1	NA	NA		X	
great barracuda	*Sphyraena barracuda*	Pelagic	1	NA	NA			X
swordfish	*Xiphias gladius*	Pelagic	1	147.10	NA			X