

Feeding ecology of three coastal shark species in the northwest Gulf of Mexico

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Table S1. Taxonomic groupings along with, %W, %N, %O, and %IRI for blacktip sharks (n = 57)

Overall Groupings	Identified Material Groupings	Lowest Taxonomic Group	% (W) Weight	% (N) Numerical Abundance	% (O) Frequency	%IRI
Teleostei	Unidentified Teleostei	Unidentified Teleostei	34.51	61.06	60.00	88.52
		Epibenthic teleost				
	Pelagic teleost	Unidentified Sciaenidae	0.00	0.88	2.86	0.04
		Sand seatrout (<i>Cynoscion arenarius</i>)	16.99	0.88	2.86	0.79
		Atlantic croaker (<i>Micropogonias undulatus</i>)	14.92	13.27	17.14	7.46
		Unidentified Paralichthyidae	8.23	1.77	2.86	0.44
		Unidentified Ariidae	3.29	4.42	5.71	0.68
		Gulf menhaden (<i>Brevoortia patronus</i>)	1.23	0.88	2.86	0.09
		Atlantic spadefish (<i>Chaetodipterus faber</i>)	3.74	1.77	2.86	0.24
		Atlantic tarpon (<i>Megalops atlanticus</i>)	14.63	0.88	2.86	0.68
Crustacea	Unidentified Crustacean		0.00	1.77	5.71	0.16
	Penaeid shrimp	Unidentified Penaeidae	1.65	0.88	2.86	0.11
Other	Bivalvia		0.12	7.08	2.86	0.32
	Gastropoda		0.69	1.77	2.86	0.11
	Algae		0.00	2.65	8.57	0.35

Table S2. Taxonomic groupings along with, %W, %N, %O, and %IRI for Atlantic sharpnose sharks (n = 305)

Overall Groupings	Identified Material Groupings	Lowest Taxonomic Group	% (W) Weight	% (N) Numerical Abundance	% (O) Frequency	%IRI
Teleostei	Unidentified Teleostei		28.98	50.87	74.70	87.40
	Epibenthic teleost	Unidentified Sciaenidae	2.54	5.95	11.07	1.38
		<i>Menticirrhus spp.</i>	0.36	0.21	0.79	0.01
		Southern kingfish (<i>Menticirrhus americanus</i>)	0.17	0.10	0.40	0.00
		Gulf kingfish (<i>Menticirrhus littoralis</i>)	0.06	0.10	0.40	0.00
		Sand seatrout (<i>Cynoscion arenarius</i>)	1.89	0.31	1.19	0.04
		Atlantic croaker (<i>Micropogonias undulatus</i>)	2.04	2.67	5.93	0.41
		Silver perch (<i>Bairdiella chrysoura</i>)	0.57	0.10	0.40	0.00
		Black drum (<i>Pogonias cromis</i>)	0.33	0.10	0.40	0.00
		Unidentified Serranidae	0.00	0.31	1.19	0.01
		Unidentified Lutjanidae	5.78	0.21	1.19	0.10
		Red snapper (<i>Lutjanus campechanus</i>)	8.87	0.21	0.79	0.11
		Violet goby (<i>Gobioides broussonnetii</i>)	1.41	0.10	0.40	0.01
		Sheepshead (<i>Archosargus probatocephalus</i>)	2.11	0.10	0.40	0.01
		Unidentified Paralichthyidae	0.23	0.51	1.98	0.02
		Unidentified Ariidae	3.65	0.10	0.40	0.02
		Shrimp eel (<i>Ophichthus gomesii</i>)	0.68	0.10	0.40	0.00
		Inshore lizardfish (<i>Synodus foetens</i>)	1.61	0.10	0.40	0.01
	Pelagic teleost	Unidentified Scombridae	0.00	0.21	0.79	0.00
		Unidentified Carangidae	0.55	0.31	0.79	0.01
		Atlantic bumper (<i>Chloroscombrus chrysurus</i>)	0.53	0.10	0.40	0.00
		Atlantic cutlassfish (<i>Trichiurus lepturus</i>)	1.83	0.72	2.77	0.10
		Unidentified Clupeidae	10.02	1.54	4.74	0.80
		Gulf menhaden (<i>Brevoortia patronus</i>)	8.12	1.33	3.95	0.55
		Unidentified Engraulidae	1.36	0.72	1.58	0.05
		Unidentified Mugilidae	4.08	0.41	1.58	0.10
Crustacea	Unidentified Crustacean		0.78	4.72	15.42	1.24
	Penaeid shrimp	Unidentified Penaeidae	4.87	8.21	18.58	3.56
	Brachyuran	Unidentified Brachyuran	1.46	8.51	5.93	0.87
		Unidentified Portunidae	1.02	0.92	2.77	0.08
		Blue crab (<i>Callinectes similis</i>)	1.00	0.72	1.98	0.05
		Calico crab (<i>Hepatus epheliticus</i>)	0.05	0.10	0.40	0.00
	Other crustaceans	Unidentified Stomatopod	0.46	1.03	3.56	0.08
		Mantis shrimp (<i>Squilla empusa</i>)	0.04	0.20	0.80	0.04
Cephalopoda	Cephalopods	Unidentified Teuthoidea	2.51	7.18	20.55	2.92
Other	Algae		0.03	0.92	3.56	0.05

Table S3. Taxonomic groupings along with, %W, %N, %O, and %IRI for bonnetheads (n = 239)

Overall Groupings	Identified Material Groupings	Taxonomic Group	% (W) Weight	% (N) Numerical Abundance	% (O) Frequency	% IRI
Teleostei	Unidentified Teleostei	Unidentified Sciaenidae	4.87	3.60	10.86	1.79
		Epibenthic teleost	0.91	0.12	0.45	0.01
	Pelagic teleost	Atlantic croaker (<i>Micropogonias undulatus</i>)	0.00	0.12	0.45	0.00
		Unidentified Clupeidae	1.50	0.35	1.36	0.05
		Gulf menhaden (<i>Brevoortia patronus</i>)	1.91	0.35	1.36	0.06
		Unidentified Mugilidae	0.72	0.23	0.45	0.01
Crustacea	Unidentified Crustacean		2.29	8.26	30.32	6.20
		Penaeid shrimp	3.82	2.91	6.33	0.83
	Brachyuran	White shrimp (<i>Penaeus setiferus</i>)	1.00	0.12	0.45	0.01
		Unidentified Brachyuran	23.61	24.42	52.49	48.91
		Unidentified Portunidae	9.38	8.60	13.57	4.74
		Blue crab (<i>Callinectes sapidus</i>)	31.45	13.26	20.81	18.06
		Lesser blue crab (<i>Callinectes similis</i>)	9.81	5.93	10.86	3.32
		Unidentified Xanthidae	0.14	0.35	1.36	0.01
	Other crustaceans	Unidentified Stomatopod	2.09	8.84	20.81	4.41
		Mantis shrimp (<i>Squilla empusa</i>)	1.85	3.72	6.78	0.60
Cephalopoda	Cephalopods	Unidentified Teuthoidea	0.06	7.09	10.41	1.44
		Unidentified Loliginidae	0.27	0.12	0.45	0.00
Other	Bivalvia		0.00	1.74	1.81	0.06
	Gastropoda		0.00	0.58	1.36	0.02
	Algae		4.29	9.19	35.75	9.35
		Elegant brittle star (<i>Ophiolepis elegans</i>)	0.02	0.12	0.45	0.00