

Supplementary Table

Biological and capture-and-handling metadata for the 67 sandbar sharks (*Carcharhinus plumbeus*) monitored during this study. FL = fork length; F = female, M = male; GTR = galvanic timed release; Ang exp = Angler experience (E = Experienced, I = Intermediate, N = Novice); Hand = Handling; Hook loc = location of hooking (J = jaw, M = inside mouth/esophagus, B = body, G = gills); Hook type (C = Circle, J = J-hook); Hook rem? = was hook removed?; Release condition = Excellent (1), Good (2), Fair (3), Poor (4); Handling loc = location where shark was landed (O = out of the water, WL = at the water line, W = in the water); - = not measured or estimated; * = acceleration data logger failed, no data recorded

Date	FL (cm)	Sex	GTR (days)	Ang exp	Time (min)		Hook			Rel cond	Handling loc	Temperature (°C)		Days of data	Recovery time (hrs)
					Fight	Hand	Loc	Type	Rem?			Air	Water		
7/10/19	123	M	4	E	4.18	3.87	J	C	Yes	1	O	24.3	25.2	0.16	-
7/10/19	122	F	4	E	2.92	2.67	J	C	Yes	1	O	21.7	25.4	0.48	11.38
7/10/19	137	F	4	E	5.98	2.87	J	C	Yes	2	O	23.1	25.1	0.15	-
7/11/19	120	M	1	E	4.12	3.83	J	C	Yes	2	WL	22.0	24.9	1.16	2.89
7/12/19	155	F	1	E	9.98	5.35	J	C	No	2	O	23.5	24.9	2.19	6.12
7/20/19	124	M	3	N	8.72	5.27	J	C	Yes	2	W	25.7	26.9	3.07	5.78
7/21/19	138	M	3	E	5.92	4.17	J	C	Yes	1	O	26.2	26.7	0.24	-
7/22/19	141	M	1	E	6.12	4.22	J	C	No	1	WL	23.3	24.2	0.86	5.83
7/24/19	120	F	4	I	4.65	4.55	J	C	Yes	2	WL	20.0	24.3	2.98	4.48
7/24/19	139	F	3	I	4.67	4.82	J	C	Yes	2	O	19.5	23.8	2.49	7.52
7/25/19	143	M	3	E	4.12	5.60	J	C	Yes	2	W	18.0	23.9	0.36	-
7/26/19	126	F	2	I	5.55	3.20	J	C	Yes	2	WL	21.2	25.6	2.10	11.81
8/9/19	134	F	3	N	7.03	4.62	J	J	Yes	1	O	21.9	25.4	3.01	9.14
8/25/19	127	F	2	I	4.18	4.07	J	C	Yes	1	WL	18.9	21.2	2.02	7.39
7/1/20	126	M	2	E	4.73	3.63	J	C	Yes	2	WL	19.7	24.1	1.66	7.57
7/13/20	127	M	3	I	3.83	6.67	J	C	Yes	2	O	20.5	21.7	2.83	11.22
7/14/20	142	F	3	E	6.25	4.00	J	C	Yes	2	W	22.6	24.6	1.51	-
7/15/20	170	F	4	E	17.25	5.25	J	C	Yes	2	W	15.9	21.8	0.71	5.87

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Supplementary Table (continued)

Date	FL (cm)	Sex	GTR (days)	Ang exp	Time (min)		Hook			Rel cond	Handling loc	Temperature (°C)		Days of data	Recovery time (hrs)
					Fight	Hand	Loc	Type	Rem?			Air	Water		
7/17/20	157	F	4	E	9.70	4.38	M	J	Yes	2	W	18.6	22.1	0.83	10.58
7/20/20	125	F	2	N	3.18	4.32	J	C	Yes	2	WL	26.5	26.5	2.13	5.16
7/20/20	120	F	2	N	4.03	3.18	J	C	Yes	2	WL	25.7	26.2	1.99	6.29
7/30/20	122	F	4	E	3.75	1.50	J	J	Yes	2	WL	25.3	25.8	4.22	2.71
6/29/21	184	F	4	E	18.36	4.20	J	J	Yes	1	WL	22.1	22.0	2.08	2.90
7/7/21	129	F	4	E	3.58	2.67	M	C	Yes	2	O	22.5	22.7	4.28	1.98
7/7/21	139	F	4	E	4.17	2.87	J	C	Yes	2	WL	21.3	22.1	4.28	6.29
7/7/21	113	M	3	E	4.03	1.88	J	C	Yes	2	WL	21.6	22.3	4.76	1.95
7/7/21	129	F	4	N	3.50	2.00	J	C	Yes	2	WL	21.5	22.0	9.98	1.48
7/8/21	128	F	4	I	8.50	3.78	J	J	Yes	2	WL	21.0	21.7	4.45	6.27
7/8/21	132	F	4	I	32.40	1.93	B	J	Yes	2	WL	21.5	21.9	0.62	8.22
7/8/21	128	F	3	E	6.25	1.92	J	J	Yes	1	WL	20.0	21.7	0.74	3.22
7/11/21	172	F	4	E	3.56	3.26	G	C	No	3	WL	22.7	22.4	4.44	3.51
7/11/21	156	F	4	I	3.35	3.19	J	C	Yes	1	WL	23.5	22.8	2.30	4.61
7/11/21	170	F	4	I	19.47	4.11	J	C	Yes	1	WL	23.0	21.8	1.43	6.87
7/17/21	120	M	4	E	2.75	2.72	J	C	Yes	1	O	25.5	26.6	4.68	7.97
7/17/21	131	F	4	E	8.50	2.25	J	C	Yes	1	O	25.2	26.1	4.31	17.18
7/18/21	129	F	4	E	10.45	5.38	B	C	Yes	2	O	24.6	25.8	4.48	8.71
7/18/21	115	M	4	E	5.67	2.20	J	C	Yes	1	O	24.0	25.2	4.85	3.95
7/21/21	133	F	3	N	7.55	6.11	J	C	Yes	2	WL	24.8	24.8	2.98	5.00
7/22/21	155	F	3	E	8.50	9.25	G	J	Yes	4	WL	19.2	22.1	9.80	13.61
7/21/21	138	F	3	E	8.61	4.39	G	J	Yes	3	O	21.5	23.2	1.94	15.19
7/22/21	158	F	4	N	9.80	3.73	J	C	Yes	1	O	19.5	21.3	0.40	-
7/22/21	151	M	4	E	7.50	4.87	J	C	Yes	2	O	23.8	22.5	0.89	6.14
7/22/21	152	M	4	N	4.63	4.98	J	C	Yes	2	O	21.0	23.2	1.16	7.43
7/22/21	149	F	4	E	7.23	3.05	J	C	Yes	2	O	24.2	23.3	4.71	5.33
7/22/21	136	F	4	N	3.10	3.72	J	C	Yes	2	O	25.5	26.3	2.33	5.40
7/22/21	142	M	4	N	6.15	4.28	J	C	Yes	2	O	25.8	25.1	2.52	4.12
7/22/21	149	M	4	E	4.40	3.32	J	C	Yes	2	O	25.4	24.2	0.50	5.72

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Supplementary Table (continued)

Date	FL (cm)	Sex	GTR (days)	Ang exp	Time (min)		Hook			Rel cond	Handling loc	Temperature (°C)		Days of data	Recovery time (hrs)
					Fight	Hand	Loc	Type	Rem?			Air	Water		
7/22/21	163	F	4	N	4.40	4.15	J	C	Yes	3	O	28.6	24.3	1.23	6.43
7/22/21	156	F	4	E	7.43	3.42	J	C	Yes	1	O	23.2	22.5	5.21	1.33
7/30/21	156	F	4	N	6.83	5.17	J	C	Yes	2	WL	28.6	25.2	4.26	2.02
7/30/21	152	F	4	E	5.05	4.00	J	C	Yes	2	WL	28.9	27.7	5.09	4.50
7/30/21	150	M	3	E	6.83	3.30	J	C	Yes	2	WL	26.8	24.4	0.32	-
7/30/21	127	M	3	E	4.22	3.27	J	C	Yes	2	WL	26.8	24.4	0.93	5.80
7/30/21	135	F	3	N	4.12	2.82	J	C	Yes	2	WL	28.6	27.1	3.03	3.09
7/30/21	164	F	3	E	14.53	2.65	J	C	Yes	1	WL	25.2	24.5	0.40	-
7/30/21	156	F	3	N	7.87	2.70	J	C	Yes	2	WL	25.2	24.5	1.16	4.35
7/30/21	142	F	3	I	12.75	3.28	J	C	Yes	3	WL	24.0	24.1	3.64	-
7/30/21	139	F	3	N	5.13	3.67	J	C	Yes	2	WL	22.7	23.6	0.31	-
7/30/21	113	F	3	E	6.60	2.38	J	C	Yes	2	WL	20.2	21.7	0.25	-
7/30/21	127	M	3	N	6.42	3.20	J	C	Yes	2	WL	23.8	23.9	2.75	2.23
8/19/21	162	F	3	I	5.25	4.53	J	C	No	3	WL	-	-	*	-
8/26/21	166	F	3	E	10.13	5.13	J	C	Yes	2	WL	-	-	*	-
8/26/21	148	F	3	E	4.55	4.28	J	C	Yes	2	WL	26.2	24.5	2.95	3.94
8/26/21	139	F	3	E	2.57	3.52	J	C	Yes	2	WL	26.4	24.5	3.33	7.05
8/26/21	141	F	3	N	5.30	2.92	J	C	Yes	2	WL	26.4	25.0	3.31	6.25
8/26/21	134	M	3	E	3.95	4.25	J	C	Yes	2	WL	26.7	25.1	3.29	7.62
8/26/21	127	M	3	E	5.42	3.08	G	C	No	4	WL	26.5	24.0	0.64	13.99