

The following supplement accompanies the article

Site fidelity, residence time and movements of red snapper *Lutjanus campechanus* estimated with long-term acoustic monitoring

Darin T. Topping^{1,2,*}, Stephen T. Szedlmayer¹

¹Department of Fisheries and Allied Aquacultures, Auburn University, Fairhope, Alabama 36532, USA

²Senator George G. Kirkpatrick Marine Laboratory, Fish and Wildlife Research Institute, Cedar Key, Florida 32625, USA

*Email: dtopping13@hotmail.com

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Table S1. *Lutjanus campechanus*. Summary of release information (TL: total length; Wt: weight) and number of days (event time) from release until occurrence of the specified event (E: emigration; C: fishing mortality; M: natural mortality; P: present; U: unknown) for ultrasonically tagged red snapper at various array sites

Fish	Release date	Site	Wt (kg)	TL (mm)	Event time (d)	Event
1	13 Dec 2005	A1	4.25	660	614	E
2	13 Dec 2005	A1	7.3	800	179	C
3	13 Dec 2005	A1	3	590	153	C
4	13 Dec 2005	A1	6	710	2	E
5	13 Dec 2005	A1	4	630	155	C
6	13 Dec 2005	A1	5.5	695	114	C
7	23 Dec 2005	A1	2.9	580	99	C
8	23 Dec 2005	A1	4	620	104	C
9	4 Jan 2006	A1	5	630	1	E
10	4 Jan 2006	A1	3.5	520	108	C
11	4 Jan 2006	A1	5	553	5	E
12	4 Jan 2006	A1	12.5	860	1	E
13	4 Jan 2006	A1	3.5	540	92	C
14	12 Jan 2006	A1	5.95	700	84	C
15	7 Jun 2006	A1	6.5	746	452	M
16	7 Jun 2006	A1	2.8	545	324	C
17	8 Jun 2006	A1	4.7	672	1	E
18	15 Jun 2006	A1	4.5	683	321	M
19	23 Jun 2006	A4	3.25	586	733	E
20	7 Jul 2006	A4	3.2	600	420	E
21	11 Jul 2006	A1	3.7	620	741	C
22	11 Jul 2006	A1	8.2	815	1099	P

23	27 Jul 2006	A2	5.5	691	0	M
24	28 Jul 2006	A2	9.5	823	411	E
25	28 Jul 2006	A2	5.1	680	227	E
26	28 Jul 2006	A2	5.8	730	322	E
27	9 Aug 2006	A3	7.09	760	3	E
28	9 Aug 2006	A3	4.25	660	406	U
29	11 Aug 2006	A3	2.95	605	215	E
30	14 Aug 2006	A3	2.18	538	120	U
31	14 Aug 2006	A3	2.75	537	758	E
32	14 Aug 2006	A3	3.1	569	362	C
33	21 Aug 2006	A3	6.5	740	124	U
34	21 Aug 2006	A3	2.5	543	1	E
35	7 Feb 2007	A3	2.55	549	4	E
36	7 Feb 2007	A3	3.75	610	28	E
37	7 Feb 2007	A3	4.5	640	534	M
38	7 Feb 2007	A3	3.5	580	1	E
39	7 Feb 2007	A3	4	613	57	M
40	7 Feb 2007	A2	3.25	555	530	M
41	7 Feb 2007	A2	5.75	690	572	U
42	6 Mar 2007	A1	5	665	6	E
43	6 Mar 2007	A1	4.75	660	46	C
44	3 Apr 2007	A2	5.5	690	144	E
45	3 Apr 2007	A2	5.25	680	1	E
46	12 Apr 2007	A3	2.75	565	479	M
47	12 Apr 2007	A3	2.75	555	122	C
48	12 Apr 2007	A3	4.5	670	895	P
49	21 May 2007	A2	2.5	550	210	E + C
50	21 May 2007	A2	11	800	856	P
51	12 Jun 2007	A3	2.5	590	832	P
52	27 Jun 2007	A1	6.5	645	542	E
53	3 Jul 2007	A2	5	705	30	M
54	9 Jul 2007	A2	5.5	710	588	E
55	9 Jul 2007	A2	5	710	20	C
56	9 Jul 2007	A3	3.25	620	807	P
57	9 Jul 2007	A3	5.75	730	182	E
58	25 Jul 2007	A3	4.5	685	462	U
59	25 Jul 2007	A3	3.8	660	661	E
60	25 Jul 2007	A3	6.1	760	167	E
61	29 Aug 2007	A4	3.8	645	339	C
62	29 Aug 2007	A4	2.5	550	958	P
63	29 Aug 2007	A4	3.25	601	332	C
64	29 Aug 2007	A4	5	710	379	E
65	5 Sep 2007	A4	3.5	635	332	C

66	13 Nov 2007	A1	5	705	598	C
67	14 Nov 2007	A4	3	579	612	C
68	20 Nov 2007	A3	3	605	286	M
69	29 Nov 2007	A3	4.25	658	239	E
70	29 Nov 2007	A3	9.75	810	381	E
71	11 Dec 2007	N1	3	573	265	U
72	11 Dec 2007	N1	2.2	501	80	E
73	11 Dec 2007	N1	2.5	550	6	E
74	11 Dec 2007	N1	1.9	517	687	P
75	18 Dec 2007	N1	2.6	557	1	U
76	18 Dec 2007	N1	2.2	524	4	E
77	8 Feb 2008	A1	3.6	640	47	M
78	8 Feb 2008	A1	3.25	615	121	C
79	10 Jun 2008	A2	3.75	640	470	P
80	10 Jun 2008	A2	7.75	790	385	C
81	10 Jun 2008	A2	6	745	83	E
82	16 Jun 2008	N1	2.25	537	161	E
83	16 Jun 2008	N1	2.75	575	375	E
84	2 Jul 2008	N1	3.6	632	1	M
85	2 Jul 2008	N1	2	525	3	E
86	10 Jul 2008	N1	2.2	524	438	E
87	10 Jul 2008	N1	2	526	475	P
88	22 Oct 2008	A4	6.5	745	231	M
89	22 Oct 2008	A4	6.0	745	382	E
90	22 Oct 2008	A4	2.8	590	269	C
91	22 Oct 2008	A4	4.0	645	537	P
92	22 Oct 2008	A4	3.2	590	168	E
93	21 Oct 2008	A5	2.7	581	70	E + C
94	21 Oct 2008	A5	3.6	645	595	P
95	21 Oct 2008	A5	2.6	580	34	E
96	21 Oct 2008	A5	3.4	610	415	E
97	21 Oct 2008	A5	3.5	620	384	E
98	21 Oct 2008	A5	3.7	660	70	E + C
99	21 Oct 2008	A5	4.8	690	49	E + C
100	26 Nov 2008	A2	5.0	703	205	C
101	26 Nov 2008	A2	4.8	584	300	P
102	26 Nov 2008	A2	3.9	624	300	P