

Supplementary material

Insights into movement behaviour of snapper (*Chrysophrys auratus*, Sparidae) from a large acoustic array

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Table S1. Details regarding deployment of acoustic receivers in the northern part of Gulf St Vincent between May 2011 and May 2014, including; Station name, Area and depth where deployed, and the dates of deployment and termination

Y, receiver deployed successfully. For the locations of stations refer to Fig. 2 in the main paper

Station	Area	Depth (m)	May 2011	April– May 2012	May 2013
4AN	AN	14.8	Y	Terminated	
2AN	AN	15.6	Y	Y	Y
4AR	AR	14.8	Y	Y	Y
5AR	AR	15.9	Y	Y	Y
6AR	AR	16.2	Y	Y	Y
7AR	AR	16.7	Y	Y	Y
8AR	AR	16.8	Y	Y	Y
9AR	AR	16.5	Y	Y	Y
10AR	AR	16.7	Y	Y	Y
11AR	AR	16.4	Y	Y	Y
15AG	AG	17.3	Y	Y	Y
17ZN	ZN	16.2	Y	Y	Y
18BG	ZN	17.5	Y	Y	Y
47BP	BP	22	Y	Missing	
48BP	BP	18.8	Y	Terminated	
42LS	LS	17.8	Y	Terminated	
43LS	LS	20.1	Y	Terminated	
44LS	LS	20.4	Y	Terminated	
45LR	LS	13.1	Y	Terminated	
23LS	LS	6.3	Y	Y	Y
24LS	LS	6.4	Y	Y	Y
25LS	LS	6.8	Y	Y	Y
26LS	LS	6.5	Y	Y	Y
27LS	LS	6.9	Y	Y	Y
31LS	LS	17.6	Y	Y	Y
1AN	AN	13.6		Y	Y
3AN	AN	13.5		Y	Y
12AR	AR	17.7		Y	Y
13AR	AR	18.1		Y	Y
14AG	AG	17.9		Y	Y
16AG	AG	19.3		Y	Y
19LS	LS	4.7		Y	Y
20LS	LS	9.3		Y	Y
21LS	LS	8		Y	Y
22LS	LS	9.7		Y	Y
28LS	LS	9.7		Y	Y
29LS	LS	9.5		Y	Y
30LS	LS	10.7		Y	Y
32AR	AR	17.3			Y
33AR	AR	18			Y
34AR	AR	18			Y
35AR	AR	16.7			Y
36AR	AR	15.4			Y
37AR	AR	15.6			Y
38AR	AR	16.0			Y
39AR	AR	17.0			Y
40AR	AR	18			Y
41AR	AR	17.2			Y

Table S2. Characteristics of acoustic tags used in the acoustic telemetry study for snapper in the northern part of Gulf St Vincent

Y, sensor included in tag

Tag type	Tag width (mm)	Tag length (mm)	Weight in air (g)	Pressure sensor	Nominal delay (s)	Estimated tag life (days)
V13-1L	13	36	11	–	40–80	623
V13-1L	13	36	11	–	50–100	754
V13P-1L	13	48	13	Y	40–80	399
V13P-1L	13	48	13	Y	80–160	727
V16-4H	16	68	24	–	40–80	863
V16-5H	16	68	36	–	40–80	484
V16P-4H	16	71	26	Y	40–100	774
V16-6H	16	95	34	–	50–110	2116

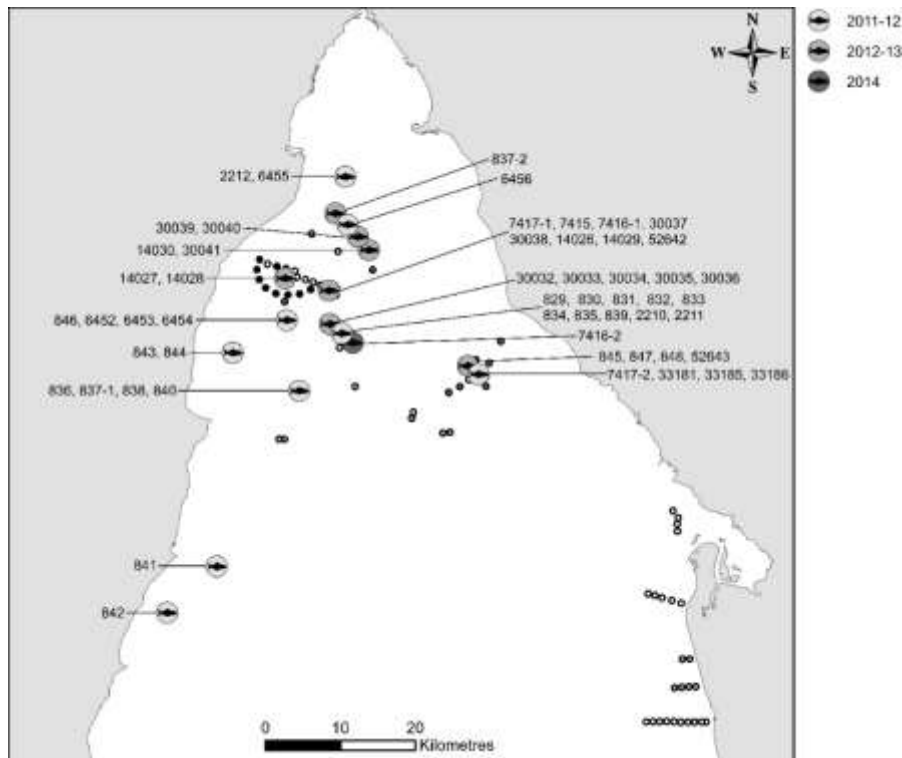


Fig. S1. Map of Gulf St Vincent showing the places where snapper were captured and tagged with acoustic tags. Identification numbers for all fish are indicated (refer Table 2 in the main paper).