

Supplementary material

Biology and ecology of *Zearaja maugeana*, an Endangered skate restricted to two south-western Tasmanian estuaries

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Table S1. GPS coordinates (multiple dive replicas surveyed within 1 km) and depth range for all Macquarie Harbour and Bathurst Harbour dive sites

Sites	Locations	Latitude	Longitude	Depth range (m)
Macquarie Harbour dive sites				
1	Entrance Channel	42°15'16.20"S	145°17'17.39"E	6–6.2
2	Liberty Point offshore	42°16'32.39"S	145°18'21.00"E	8.7–9.3
3	Rum Point	42°24'08.40"S	145°27'12.00"E	5–9
4	Grummett Island	42°23'00.60"S	145°27'22.79"E	7–9
5	Kelly Basin	42°21'17.39"S	145°32'32.99"E	8–9
6	Picnic Point (Kelly Basin)	42°22'21.60"S	145°30'25.20"E	5–10
7	Liberty Bay	42°17'17.40"S	145°18'21.00"E	9.5
8	Liberty Point	42°17'01.80"S	145°19'08.40"E	5–5.1
9	Entrance Flats	42°14'18.60"S	145°16'27.00"E	7–9.9
10	Rockwall area	42°14'30.99"S	145°13'44.99"E	5–9
11	Tablehead	42°16'31.80"S	145°17'13.80"E	5–9
Bathurst Harbour dive sites				
1	Bathurst Harbour	43°20'10.31"S	146°09'23.75"E	6–6.3
2	Moulters Inlet Entrance	43°21'47.88"S	146°12'37.43"E	5–5.2
3	Celery Top Islands	43°22'05.88"S	146°08'36.59"E	4–8
4	Bathurst Harbour	43°20'30.12"S	146°09'08.64"E	5.6

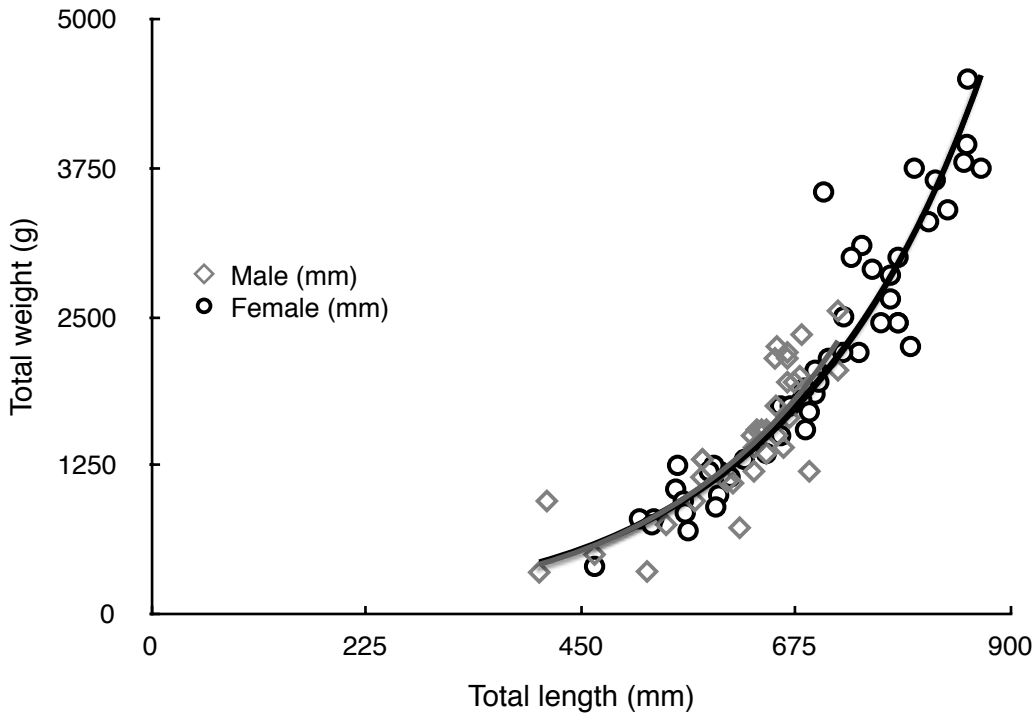


Fig. S1. An exponential relationship between total weight (g) and total length (mm) for female ($n = 50$, $R^2 = 0.91$, $Wt = 55.90TL^{0.006}$) and male ($n = 35$, $R^2 = 0.69$, $Wt = 45.39TL^{0.005}$) *Zearaja maugeana*.

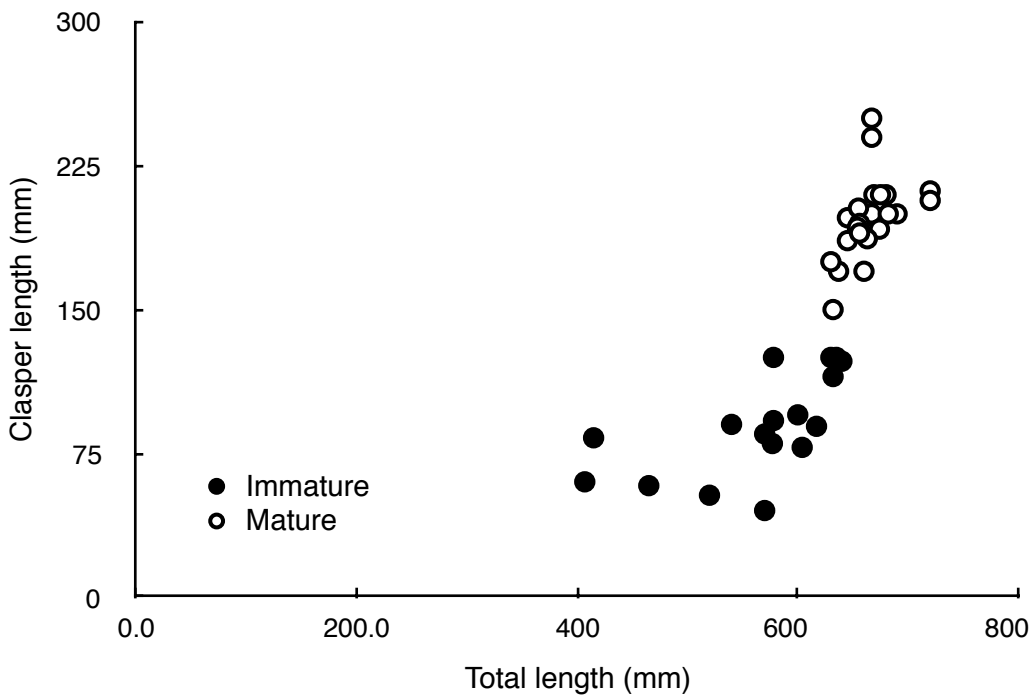


Fig. S2. Change in clasper length (mm) with total length (mm) for immature ($n = 17$) and mature ($n = 23$) male *Zearaja maugeana*.