

Appendix D: Pāua shell lengths at Fighting Bay

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A total of 1122 abalone (pāua, *Haliotis iris*) were measured from 20 samples during the fish-down experiment at Fighting Bay. The largest measured individual had a basal length of 179 mm (although a shell with a total length of 199 mm was recorded during the survey). Over all measurements, the median length of pāua was 142 (95% c.i.: 126 to 165) mm. Considering the size of pāua over the course of the experiment, there was a decrease in shell length as the diving progressed. On the first day, the median length of pāua was 146 (95% c.i.: 130 to 167) mm, compared with the size of pāua on the final day, when the median length was reduced to 133 (95% c.i.: 124 to 162) mm.

Table D-1. Proportion (%) of measured abalone (pāua, *Haliotis iris*) shells by size category for each day of the fish-down experiment at Fighting Bay in 2011–12.

Basal length	Date				
	2011-12-14	2011-11-15	2012-01-12	2012-02-01	2012-02-23
Less than 130 mm	2.7	0.5	5.6	11.0	28.8
Greater than 140 mm	72.7	76.1	57.2	48.6	24.8

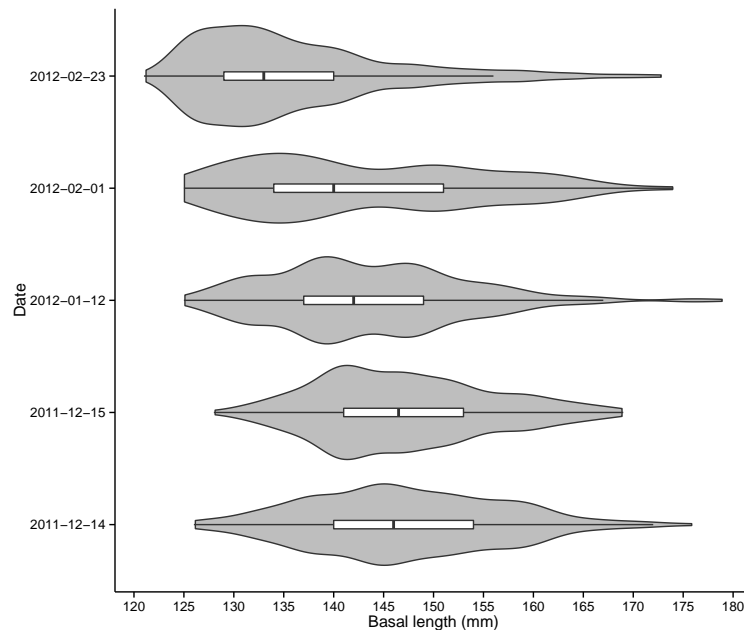


Figure D-1. Frequency distribution of basal shell length of abalone (pāua, *Haliotis iris*) on each day of the fish-down experiment at Fighting Bay in 2011–12. Dots mark the median shell length from all samples on each day.