

## Supplement Material

Table S1: Lengths of tuaki recorded at their widest axis and the area calculated using ImageJ.

length (mm)	area (mm <sup>2</sup> )
45.97	1470.754
23.1	453.233
18.69	269.637
21.44	392.289
31.54	805.52
7.48	57.303
20.07	334.469
11.77	119.658
12.27	125.112
44.36	1537.093
41.53	1467.863
37.25	1237.137

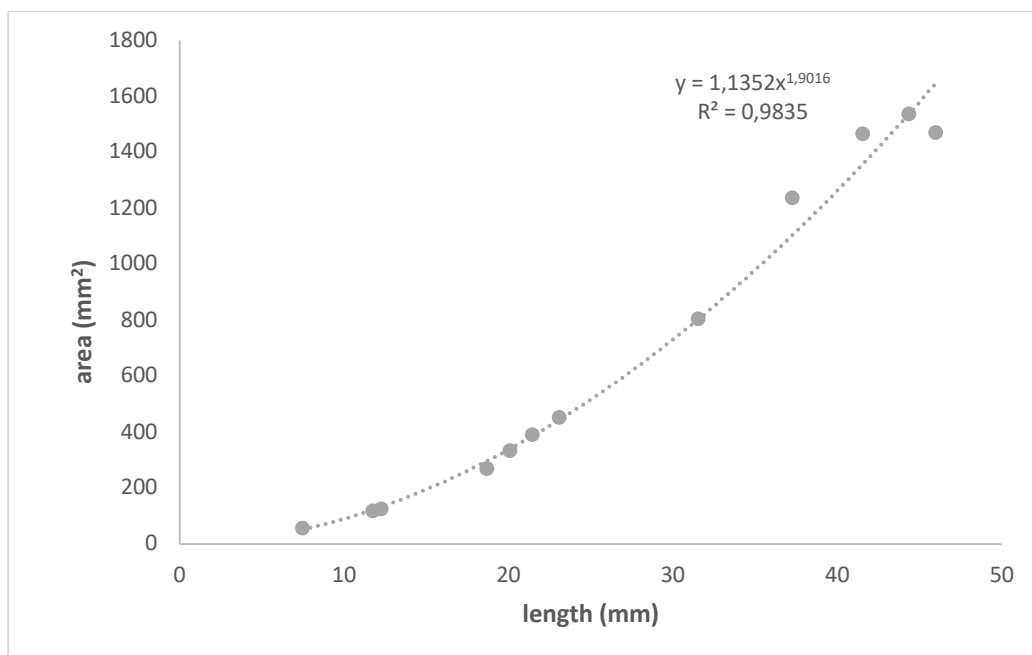


Figure S1: Resulting power function  $y = 1.1352x^{1.9016}$  fitted from the relationship between the length and area of subsampled tuaki.

Table S2: Sizes of juvenile tuaki added to tanks throughout laboratory manipulations.

Size class (mm)	18th-20th May 2022 allocations	7th-9th June 2022 allocations	18th-20th June 2022 allocations	5th-7th July 2022 allocations	18th-20th December allocations	1st-3rd March allocations
15	10	5	9	4	2	3
14	10	11	12	12	7	6
13	9	12	10	11	7	6
12	6	6	5	7	7	6
11	4	4	3	5	7	6
10	3	3	3	2	4	3
9	3	3	2	4	3	2
8	2	3	3	3	1	3
7	1	2	1	1	3	4
6	2	1	2	1	4	6
5	0	0	0	0	5	5