

Supplementary Material

Table S1. Untransformed minimum – mean – maximum hydrological environment variable values within lentic and lotic habitats for each *Galaxias* species.

Hydrological variable	<i>G. brevipinnis</i>		<i>G. gollumoides</i>		<i>G. vulgaris</i>	
	Lentic	Lotic	Lentic	Lotic	Lentic	Lotic
<i>Flow</i>						
Discharge (m ³ ·s ⁻¹)	0 - 0 - 0	0.01 - 0.12 - 0.22	0 - 0.01 - 0.03	0.001 - 0.03 - 0.07	0 - 0.03 - 0.10	0.003 - 0.14 - 0.43
Maximum velocity (m·s ⁻¹)	0 - 0 - 0	0.26 - 0.64 - 1.02	0 - 0.05 - 0.15	0.08 - 0.40 - 0.69	0 - 0.08 - 0.15	0.33 - 0.57 - 0.81
Hydraulic radius (m)	0 - 0 - 0	0.08 - 0.11 - 0.14	0.10 - 0.21 - 0.32	0.04 - 0.09 - 0.15	0.13 - 0.19 - 0.33	0.04 - 0.09 - 0.12
Flow depth (m)	0 - 0 - 0	0.07 - 0.11 - 0.14	0.09 - 0.26 - 0.39	0.05 - 0.09 - 0.14	0.12 - 0.20 - 0.35	0.03 - 0.08 - 0.11
<i>Channel form</i>						
Habitat slope (m·m ⁻¹)	0 - 0 - 0	0.015 - 0.017 - 0.023	0 - 0.010 - 0.015	0.020 - 0.033 - 0.044	0.006 - 0.009 - 0.015	0.017 - 0.028 - 0.038
Habitat depth (m)	0.09 - 4.63 - 13.0	0.14 - 0.18 - 0.21	0.23 - 0.38 - 0.59	0.09 - 0.18 - 0.33	0.21 - 0.28 - 0.33	0.11 - 0.19 - 0.27
<i>Flow pattern</i>						
Froude number	0 - 0 - 0	0.05 - 0.30 - 0.49	0 - 0.01 - 0.03	0.03 - 0.09 - 0.14	0 - 0.03 - 0.06	0.19 - 0.26 - 0.44
Critical velocity	0 - 0 - 0	1.15 - 1.32 - 1.44	1.50 - 1.89 - 2.41	0.94 - 1.29 - 1.79	1.45 - 1.65 - 1.80	1.04 - 1.34 - 1.61
Reynolds number	0 - 0 - 0	2993 - 26821 - 49294	0 - 2304 - 4995	556 - 6974 - 14154	0 - 5877 - 16351	1562 - 16601 - 31179
<i>Substratum</i>						
Substratum <i>d</i> ₂₅ (mm)	0 - 28 - 65	13 - 31 - 49	0 - 2 - 8	22 - 27 - 30	0.06 - 0.06 - 0.06	1 - 45 - 74
Substratum <i>d</i> ₅₀ (mm)	55 - 107 - 198	43 - 60 - 90	0.06 - 3 - 11	50 - 56 - 62	0.06 - 3 - 10	32 - 72 - 93
Substratum <i>d</i> ₈₄ (mm)	170 - 343 - 532	77 - 115 - 151	0.06 - 79 - 256	101 - 172 - 208	0.06 - 122 - 221	148 - 209 - 256
Substratum <i>d</i> _{mean} (mm)	94 - 177 - 246	50 - 77 - 116	0.06 - 156 - 589	71 - 203 - 548	0.06 - 51 - 78	100 - 119 - 143
<i>Physical disturbance</i>						
Tractive force (N·m ⁻²)	0 - 0 - 0	12.4 - 19.5 - 33.0	0 - 17.8 - 35.0	10.7 - 31.6 - 65.7	10.0 - 15.2 - 21.3	12.0 - 23.7 - 45.0

Table S2. Summary standard length (mm) and untransformed minimum – mean – maximum percentages of standard length standardised morphological variables within lentic and lotic habitats for each *Galaxias* species; and the Big Creek *G. brevipinnis*, and Island Hill *G. gollumoides* populations, which were excluded from analyses.

Variable	<i>G. brevipinnis</i>			<i>G. gollumoides</i>			<i>G. vulgaris</i>	
	Lentic	Lotic	Big Creek	Lentic	Lotic	Island Hill	Lentic	Lotic
Standard length (mm)	69.4 - 83.4 - 110.3	58.0 - 78.0 - 115.7	103.3 - 118.8 - 142.4	57.1 - 72.9 - 90.2	49.1 - 62.4 - 89.6	39.7 - 47.0 - 56.1	56.6 - 81.3 - 103.2	60.9 - 74.8 - 101.9
<i>Body lengths and depths</i>								
Prepelvic length	48.8 - 53.1 - 55.8	49.6 - 51.3 - 53.5	49.4 - 50.6 - 51.6	50.5 - 53.1 - 55.4	49.3 - 51.8 - 54.1	55.2 - 56.5 - 58.7	50.4 - 53.2 - 55.6	50.9 - 53.2 - 55.1
Predorsal length	70.0 - 72.3 - 75.5	70.4 - 72.9 - 75.3	71.6 - 72.5 - 73.4	68.2 - 70.2 - 71.9	67.2 - 70.1 - 72.8	70.8 - 72.7 - 74.1	69.3 - 71.3 - 74.0	68.2 - 70.5 - 72.8
Preanal length	75.1 - 77.8 - 80.8	74.2 - 76.1 - 78.4	76.5 - 77.8 - 79.0	71.3 - 75.0 - 77.2	71.4 - 74.1 - 76.8	73.1 - 75.4 - 78.2	73.4 - 75.3 - 76.9	72.8 - 74.9 - 76.7
Pectoral-pelvic length	27.3 - 30.1 - 33.3	27.2 - 29.3 - 32.6	27.6 - 28.8 - 30.1	26.6 - 31.5 - 34	27.6 - 30.7 - 33.1	30.9 - 32.9 - 35.0	27.8 - 31.3 - 33.8	27.8 - 30.9 - 33.8
Pelvic-anal length	21.4 - 24.7 - 26.8	23.2 - 24.8 - 27.6	25.8 - 27.2 - 28.3	18.5 - 22.0 - 24.2	18.0 - 22.3 - 26.3	17.8 - 18.9 - 20.1	18.5 - 22.1 - 26.4	19.6 - 21.7 - 23.6
Predorsal/Preanal length	0.9 - 1.1 - 1.4	0.8 - 1.3 - 1.6	0.7 - 0.8 - 0.9	1.0 - 1.3 - 1.6	1.0 - 1.6 - 2.0	1.7 - 2.1 - 2.5	0.9 - 1.2 - 1.7	0.9 - 1.3 - 1.6
Length of caudal peduncle	10.9 - 12.4 - 14.2	12.3 - 13.2 - 14.0	12.6 - 12.9 - 13.3	12.8 - 14.2 - 16.2	12.5 - 14.4 - 19.5	12.0 - 12.8 - 14.5	12.9 - 14.4 - 15.5	13.1 - 14.7 - 16.0
Depth of caudal peduncle	7.7 - 9.1 - 9.9	7.8 - 8.8 - 9.9	8.0 - 8.8 - 9.4	8.0 - 9.4 - 10.9	7.4 - 8.9 - 10.3	6.5 - 7.4 - 8.2	8.5 - 9.4 - 10.1	8.0 - 9.1 - 10.8
Depth/Length of caudal peduncle	0.7 - 0.9 - 1.1	0.6 - 0.9 - 1.1	0.5 - 0.6 - 0.7	0.7 - 0.9 - 1.3	0.7 - 1.0 - 1.5	1.1 - 1.2 - 1.3	0.6 - 0.8 - 1.2	0.6 - 0.8 - 1.0
Body depth at vent	10.3 - 12.5 - 13.8	11.4 - 12.5 - 13.8	10.8 - 12.1 - 13.2	11.3 - 13.0 - 14.9	10.5 - 12.4 - 14.7	10.1 - 10.6 - 11.1	11.1 - 12.7 - 13.6	11.2 - 12.2 - 13.6
Body width at vent	3.9 - 7.1 - 8.9	7.1 - 7.6 - 8.3	6.0 - 6.7 - 7.8	5.6 - 7.3 - 8.9	5.4 - 7.1 - 9.0	5.4 - 5.6 - 5.7	6.9 - 8.3 - 9.3	6.7 - 7.9 - 9.1
Body girth	0.6 - 0.7 - 0.9	0.5 - 0.8 - 1.1	0.4 - 0.5 - 0.6	0.7 - 0.9 - 1.2	0.7 - 1.0 - 1.3	1.0 - 1.3 - 1.6	0.6 - 0.8 - 1.1	0.7 - 0.9 - 1.1
<i>Pectoral fin</i>								
Length of pectoral fin	13.2 - 15.5 - 18.3	14.0 - 15.8 - 17.9	13.9 - 15.0 - 16.3	11.6 - 14.8 - 16.7	12.8 - 15.2 - 18.3	14.6 - 15.6 - 16.8	12.0 - 14.2 - 16.1	13.0 - 15.2 - 16.7
Width of pectoral fin	7.8 - 9.8 - 11.6	9.6 - 11.4 - 13.4	10.9 - 11.1 - 11.6	7.5 - 10.1 - 12.3	9.1 - 10.9 - 12.7	7.7 - 8.9 - 9.7	8.1 - 9.9 - 11.8	8.5 - 10.6 - 12.0

Width of pectoral fin base	5.1 - 6 - 7.1	5.3 - 6.1 - 6.8	5.6 - 6.1 - 6.4	4.0 - 5.0 - 5.5	4.1 - 5.1 - 6.4	3.9 - 4.3 - 4.7	4.7 - 5.1 - 5.7	4.3 - 5.2 - 6.2
Shape of pectoral fin	0.2 - 0.3 - 0.5	0.3 - 0.4 - 0.7	0.3 - 0.3 - 0.3	0.2 - 0.5 - 0.7	0.3 - 0.6 - 0.9	0.5 - 0.6 - 0.7	0.3 - 0.4 - 0.6	0.3 - 0.5 - 0.7
<i>Pelvic fin</i>								
Length of pelvic fin	12.7 - 15.5 - 18.8	13.2 - 14.8 - 15.8	13.5 - 14.4 - 15.2	11.3 - 13.4 - 15.0	11.9 - 13.9 - 16.8	13.1 - 13.7 - 14.6	11.6 - 12.8 - 14.1	11.6 - 13.3 - 14.8
Width of pelvic fin	5.6 - 7.6 - 10.0	6.6 - 8.4 - 10.3	6.6 - 7.3 - 7.6	6.1 - 7.7 - 10.0	6.5 - 8.5 - 10.5	6.3 - 7.2 - 7.8	5.4 - 7.4 - 9.5	5.9 - 7.6 - 8.9
Width of pelvic fin base	2.8 - 3.4 - 4.0	3.2 - 3.6 - 3.9	3.1 - 3.3 - 3.5	2.5 - 3.2 - 4.2	2.9 - 3.4 - 4.5	2.0 - 2.6 - 3.0	2.8 - 3.3 - 3.7	2.6 - 3.2 - 4.1
Shape of pelvic fin	0.1 - 0.3 - 0.5	0.2 - 0.4 - 0.7	0.2 - 0.2 - 0.3	0.3 - 0.5 - 0.7	0.3 - 0.6 - 0.9	0.6 - 0.7 - 0.8	0.2 - 0.4 - 0.8	0.2 - 0.4 - 0.7
<i>Anal fin</i>								
Length of anal fin	14.7 - 17.2 - 19.7	15.9 - 17.2 - 18.6	16.0 - 16.9 - 18.1	16.7 - 18.4 - 20.5	16.8 - 18.5 - 20.4	15.0 - 19.4 - 21.2	14.7 - 16.9 - 18.9	16.2 - 17.2 - 19.5
Width of anal fin	3.1 - 7.1 - 8.8	5.7 - 7.4 - 9.5	5.7 - 6.3 - 6.7	5.6 - 8.4 - 11.4	6.7 - 8.8 - 10.6	4.0 - 6.7 - 8.2	5.9 - 7.8 - 9.6	5.9 - 7.3 - 9.4
Width of anal fin base	9.1 - 10.8 - 12.8	10.6 - 11.4 - 12.7	9.5 - 10.6 - 12.2	10.6 - 12 - 13.6	11.2 - 12.2 - 13.5	11.7 - 12.5 - 12.9	10.1 - 11.2 - 12.6	10.1 - 11.2 - 12.9
Shape of anal fin	0.1 - 0.3 - 0.4	0.1 - 0.3 - 0.4	0.1 - 0.2 - 0.3	0.1 - 0.3 - 0.6	0.1 - 0.3 - 0.7	0.4 - 0.7 - 1.0	0.1 - 0.2 - 0.4	0.2 - 0.3 - 0.5
<i>Caudal fin</i>								
Length of caudal fin	13.5 - 16.0 - 18.9	13.7 - 15.9 - 18.3	14.0 - 14.5 - 15.0	13.8 - 17.6 - 21.4	15.6 - 17.5 - 20.2	17.4 - 18.4 - 19.7	13.8 - 16.3 - 19.0	15.3 - 17.2 - 19.1
Width of caudal fin	13.9 - 18.1 - 21.5	13.5 - 16.7 - 19.9	15.4 - 16.0 - 16.5	13.3 - 18.3 - 21.6	13.9 - 18.6 - 22.4	15.9 - 17.6 - 19.0	14.9 - 16.9 - 20.4	13.2 - 17.0 - 20.6
Width of caudal fin base	10.5 - 12.2 - 13.1	10.8 - 11.6 - 12.7	10.6 - 11.4 - 12.1	10.0 - 12.4 - 14.0	11.4 - 12.3 - 13.5	11.0 - 11.6 - 12.2	11.1 - 12.0 - 12.9	10.6 - 11.7 - 12.9
Shape of caudal fin	0.2 - 0.4 - 0.7	0.2 - 0.4 - 0.6	0.2 - 0.3 - 0.3	0.2 - 0.5 - 0.8	0.3 - 0.6 - 1.2	0.5 - 0.7 - 1.1	0.2 - 0.4 - 0.7	0.1 - 0.4 - 0.7
Length of caudal flange	8.4 - 10.8 - 13.9	8.2 - 10.5 - 14.2	8.8 - 11.1 - 14.0	9.4 - 11.1 - 14.5	6.7 - 11.1 - 13.0	8.7 - 10.1 - 13.6	7.2 - 10.9 - 14.1	8.6 - 10.6 - 12.5
Depth of caudal fork	0.1 - 1.2 - 3.3	0.3 - 1.8 - 3.1	0.7 - 1.1 - 2.0	0.3 - 1.4 - 3.3	0.4 - 1.4 - 2.4	0 - 0.7 - 1.7	0.6 - 1.4 - 2.6	0.6 - 1.6 - 2.8
<i>Dorsal fin</i>								
Length of dorsal fin	15.4 - 18.6 - 21.2	15.6 - 17.6 - 19.5	17.1 - 17.7 - 18.9	16.4 - 19.4 - 22.1	15.5 - 18.6 - 21.5	16.8 - 18.4 - 20.2	13.9 - 17.5 - 19.4	14.4 - 17.7 - 20.0

Width of dorsal fin	5.0 - 6.9 - 8.0	5.9 - 7.0 - 8.0	5.8 - 6.8 - 7.4	5.7 - 8.0 - 11.0	7.0 - 8.6 - 10.7	5.9 - 7.2 - 8.2	5.9 - 7.2 - 8.8	5.4 - 6.6 - 9.1
Width of dorsal fin base	7.9 - 11.7 - 14.0	10.2 - 11.8 - 13.2	11.1 - 11.4 - 11.7	9.1 - 12.0 - 14.6	8.9 - 11.8 - 14.2	8.6 - 10.8 - 12.7	8.6 - 11.4 - 13.2	9.0 - 11.4 - 14.0
Shape of dorsal fin	0.1 - 0.3 - 0.4	0.2 - 0.4 - 0.5	0.2 - 0.2 - 0.3	0.1 - 0.3 - 0.7	0 - 0.3 - 0.6	0.2 - 0.4 - 0.6	0.1 - 0.3 - 0.5	0.2 - 0.4 - 0.6
<i>Head lengths and depths</i>								
Head length	23.0 - 24.6 - 26.2	22.0 - 23.5 - 24.8	21.9 - 22.9 - 24.3	20.5 - 22.4 - 24.7	21.0 - 22.4 - 24.0	22.4 - 23.8 - 24.6	22.6 - 23.8 - 24.9	22 - 23.6 - 25.1
Snout length	7.3 - 8.2 - 9.1	7.5 - 8.0 - 8.5	7.2 - 7.7 - 8.0	6.4 - 7.4 - 8.3	6.3 - 7.4 - 8.0	6.3 - 7.1 - 7.6	7.3 - 8.2 - 9.1	7.1 - 8.1 - 9.1
Snout length/Orbit diameter	1.7 - 2.3 - 2.7	2.1 - 2.7 - 3.6	1.7 - 2.0 - 2.3	2.0 - 2.5 - 3.0	2.2 - 2.8 - 3.4	2.6 - 3.1 - 3.7	1.9 - 2.5 - 3.1	2.1 - 2.7 - 3.3
Post-orbital head length	12.2 - 13.5 - 14.7	11.9 - 12.6 - 13.9	12.2 - 12.7 - 13.6	10.8 - 12.3 - 13.8	11.5 - 12.3 - 13.7	12.5 - 13.4 - 14.0	12.1 - 13.0 - 14.0	11.7 - 12.8 - 14.4
Cheek Length	17.0 - 18.4 - 19.7	16.6 - 17.6 - 18.9	15.8 - 16.7 - 17.5	15.3 - 16.5 - 17.9	15.6 - 16.8 - 18.1	16.3 - 17.4 - 18.0	16.4 - 17.5 - 18.9	16.1 - 17.5 - 19.4
Head width	14.3 - 16.2 - 17.5	14.2 - 15.6 - 17.2	14.6 - 15.8 - 17.0	12.9 - 14.9 - 16.1	13.6 - 14.7 - 16.4	13.0 - 14.0 - 15.6	14.1 - 16.4 - 17.5	14.5 - 15.7 - 16.9
Inter nostril width	5.8 - 6.9 - 7.8	6.3 - 6.9 - 7.6	6.4 - 6.8 - 7.1	5.9 - 6.5 - 7.2	5.1 - 6.2 - 7.0	5.4 - 5.7 - 6.0	6.1 - 7.2 - 7.7	6.5 - 7.1 - 7.6
Head depth	11.6 - 13.2 - 14.4	11.1 - 12.5 - 14.6	10.3 - 11.0 - 11.4	11.3 - 13.1 - 14.5	11.0 - 12.8 - 14.3	12.3 - 13.5 - 14.3	12.3 - 13.4 - 15.0	11.5 - 12.8 - 14.1
Head width/Head depth	1.1 - 1.5 - 1.8	1.2 - 1.7 - 2.3	1.0 - 1.2 - 1.4	1.3 - 1.6 - 2.2	1.2 - 1.9 - 2.6	1.8 - 2.2 - 2.7	1.1 - 1.5 - 2.1	1.2 - 1.7 - 2.0
Anterior Head width/Head depth	0.5 - 0.6 - 0.8	0.4 - 0.7 - 0.9	0.4 - 0.4 - 0.5	0.6 - 0.8 - 1.0	0.6 - 0.9 - 1.1	1.1 - 1.2 - 1.4	0.6 - 0.7 - 1.0	0.6 - 0.8 - 1.0
Diameter of orbit	3.8 - 4.4 - 5.1	3.1 - 3.9 - 4.6	3.0 - 3.2 - 3.5	3.7 - 4.2 - 4.9	3.5 - 4.4 - 5.2	4.8 - 5.0 - 5.1	3.4 - 4.0 - 5.3	3.5 - 4.1 - 4.8
Sub inter-orbital width	9.6 - 10.6 - 11.8	6.9 - 9.8 - 10.7	8.7 - 9.2 - 9.9	8.6 - 9.9 - 12.3	9.1 - 10.1 - 10.7	8.9 - 9.7 - 10.3	9.3 - 10.3 - 11.3	9.2 - 10.0 - 11.1
Maximum orbital width	12.7 - 14.2 - 16.0	11.8 - 13.1 - 14.3	11.8 - 12.4 - 12.9	11.7 - 13.5 - 15.7	12.2 - 13.5 - 14.2	12.8 - 13.7 - 14.3	13.1 - 14.2 - 15.7	12.6 - 13.6 - 14.9
Length of upper jaw	9.1 - 10.4 - 11.8	9.2 - 10.0 - 10.7	9.6 - 9.9 - 10.2	7.7 - 8.9 - 10.3	7.7 - 8.7 - 9.3	7.6 - 8.4 - 9.0	9.4 - 10.4 - 12.2	9.7 - 10.5 - 11.6
Length of lower jaw	7.6 - 9.2 - 10.4	7.8 - 8.6 - 9.5	8.0 - 8.4 - 8.7	7.4 - 8.2 - 9.2	6.7 - 7.9 - 9.1	6.9 - 7.8 - 8.2	8.4 - 9.2 - 10.9	8.3 - 9.1 - 10.1
Width of gape	8.8 - 10.1 - 12.5	7.9 - 9.6 - 10.5	8.5 - 9.7 - 10.4	7.5 - 9.7 - 10.7	7.8 - 9.3 - 10.5	8.4 - 9.1 - 10.1	9.8 - 11.3 - 13.2	9.3 - 10.7 - 12.1
Depth of gape	8.0 - 9.1 - 10.1	7.7 - 8.6 - 9.7	8.1 - 8.6 - 9.1	6.4 - 8.1 - 9.1	6.3 - 7.7 - 9.8	6.4 - 7.4 - 8.1	8.3 - 9.3 - 10.7	8.4 - 9.3 - 10.5
Depth of gape/Width of gape	0.8 - 1.1 - 1.4	0.8 - 1.2 - 1.5	0.6 - 0.8 - 0.9	0.9 - 1.2 - 1.6	0.8 - 1.4 - 1.8	1.5 - 1.7 - 2.1	0.8 - 1.0 - 1.5	0.8 - 1.2 - 1.5

Width of upper lip

1.2 - 1.7 - 2.2

1.3 - 1.7 - 2.2

1.6 - 1.7 - 1.7

1.4 - 1.7 - 2.3

1.1 - 1.6 -
1.9

0.1 - 1.3 - 2.2

1.2 - 1.8 - 2.4

1.5 - 1.9 - 2.3

Table S3. Results of one-way ANOVA examining differences in standard length (mm) and untransformed standard length standardised morphological variables (mean percentage \pm 1 standard error) within lentic and lotic habitats for each *Galaxias* species. Bold text – significant at $p < 0.05$.

Variable	<i>G. brevipinnis</i>				<i>G. gollumoides</i>				<i>G. vulgaris</i>			
	Lentic	Lotic	F _(1,52)	p value	Lentic	Lotic	F _(1,38)	p value	Lentic	Lotic	F _(1,48)	p value
Standard length (mm)	83.41 \pm 1.84	77.97 \pm 3.67	2.175	0.146	72.91 \pm 2.18	62.39 \pm 2.87	8.526	0.006	81.35 \pm 2.88	74.76 \pm 1.86	4.051	0.050
<i>Body lengths and depths</i>												
Prepelvic length	53.12 \pm 0.26	51.30 \pm 0.22	23.081	<0.001	53.09 \pm 0.28	51.78 \pm 0.29	10.754	0.002	53.16 \pm 0.33	53.15 \pm 0.19	<0.001	0.991
Predorsal length	72.33 \pm 0.26	72.86 \pm 0.32	1.579	0.215	70.23 \pm 0.26	70.08 \pm 0.34	0.116	0.735	71.26 \pm 0.29	70.48 \pm 0.20	5.126	0.028
Preanal length	77.85 \pm 0.28	76.06 \pm 0.25	19.223	<0.001	75.05 \pm 0.34	74.12 \pm 0.28	4.411	0.042	75.28 \pm 0.20	74.89 \pm 0.19	1.840	0.181
Pectoral-pelvic length	30.11 \pm 0.28	29.31 \pm 0.29	3.381	0.072	31.51 \pm 0.41	30.69 \pm 0.4	2.071	0.158	31.31 \pm 0.38	30.94 \pm 0.24	0.796	0.377
Pelvic-anal length	24.73 \pm 0.24	24.76 \pm 0.24	0.005	0.943	21.95 \pm 0.31	22.29 \pm 0.42	0.423	0.519	22.12 \pm 0.45	21.74 \pm 0.18	0.803	0.375
Predorsal/Preanal length	1.13 \pm 0.02	1.27 \pm 0.05	8.049	0.006	1.31 \pm 0.04	1.57 \pm 0.06	11.093	0.002	1.20 \pm 0.05	1.28 \pm 0.03	2.445	0.125
Length of caudal peduncle	12.40 \pm 0.16	13.20 \pm 0.11	12.838	0.001	14.19 \pm 0.17	14.38 \pm 0.34	0.229	0.635	14.37 \pm 0.16	14.72 \pm 0.14	2.658	0.110
Depth of caudal peduncle	9.08 \pm 0.09	8.81 \pm 0.12	3.287	0.076	9.37 \pm 0.19	8.91 \pm 0.18	3.127	0.085	9.38 \pm 0.10	9.13 \pm 0.10	2.951	0.092
Depth/Length of caudal peduncle	0.89 \pm 0.02	0.88 \pm 0.03	0.022	0.882	0.92 \pm 0.03	1.04 \pm 0.05	3.441	0.071	0.82 \pm 0.03	0.84 \pm 0.02	0.260	0.613
Body depth at vent	12.49 \pm 0.16	12.53 \pm 0.14	0.041	0.841	12.98 \pm 0.24	12.36 \pm 0.26	3.027	0.090	12.72 \pm 0.15	12.18 \pm 0.10	9.265	0.004
Body width at vent	7.06 \pm 0.17	7.62 \pm 0.08	5.934	0.018	7.32 \pm 0.17	7.08 \pm 0.19	0.907	0.347	8.27 \pm 0.15	7.87 \pm 0.09	5.630	0.022
Body girth	0.74 \pm 0.01	0.82 \pm 0.03	6.671	0.013	0.87 \pm 0.03	1.04 \pm 0.04	12.064	0.001	0.81 \pm 0.03	0.87 \pm 0.02	2.700	0.107
<i>Pectoral fin</i>												
Length of pectoral fin	15.47 \pm 0.23	15.84 \pm 0.25	1.122	0.294	14.83 \pm 0.29	15.16 \pm 0.36	0.530	0.471	14.18 \pm 0.19	15.17 \pm 0.16	15.563	<0.001
Width of pectoral fin	9.85 \pm 0.16	11.41 \pm 0.23	31.226	<0.001	10.07 \pm 0.27	10.92 \pm 0.23	5.829	0.021	9.94 \pm 0.23	10.65 \pm 0.18	5.928	0.019
Width of pectoral fin base	5.99 \pm 0.08	6.08 \pm 0.10	0.603	0.441	4.99 \pm 0.10	5.09 \pm 0.11	0.497	0.485	5.10 \pm 0.06	5.24 \pm 0.08	1.769	0.190
Shape of pectoral fin	0.31 \pm 0.01	0.45 \pm 0.03	27.104	<0.001	0.48 \pm 0.02	0.64 \pm 0.03	15.078	<0.001	0.43 \pm 0.02	0.48 \pm 0.02	3.926	0.053
<i>Pelvic fin</i>												
Length of pelvic fin	15.46 \pm 0.24	14.79 \pm 0.20	3.755	0.058	13.35 \pm 0.25	13.86 \pm 0.25	2.074	0.158	12.78 \pm 0.15	13.32 \pm 0.16	5.726	0.021

Width of pelvic fin	7.62 ± 0.17	8.36 ± 0.24	6.759	0.012	7.69 ± 0.23	8.48 ± 0.24	5.605	0.023	7.43 ± 0.22	7.55 ± 0.14	0.229	0.634
Width of pelvic fin base	3.45 ± 0.05	3.57 ± 0.06	0.603	0.441	3.21 ± 0.09	3.35 ± 0.09	1.242	0.272	3.35 ± 0.06	3.22 ± 0.06	2.026	0.161
Shape of pelvic fin	0.33 ± 0.02	0.43 ± 0.03	10.127	0.002	0.47 ± 0.03	0.62 ± 0.04	10.195	0.003	0.41 ± 0.03	0.45 ± 0.02	1.107	0.298
<i>Anal fin</i>												
Length of anal fin	17.21 ± 0.22	17.24 ± 0.17	0.009	0.925	18.40 ± 0.25	18.48 ± 0.23	0.051	0.823	16.91 ± 0.23	17.20 ± 0.14	1.253	0.269
Width of anal fin	7.05 ± 0.20	7.42 ± 0.21	1.463	0.232	8.40 ± 0.35	8.76 ± 0.22	0.790	0.380	7.82 ± 0.27	7.26 ± 0.15	3.772	0.058
Width of anal fin base	10.80 ± 0.16	11.36 ± 0.12	6.249	0.016	12.02 ± 0.18	12.22 ± 0.16	0.670	0.418	11.15 ± 0.16	11.21 ± 0.12	0.098	0.756
Shape of anal fin	0.26 ± 0.01	0.30 ± 0.02	3.699	0.060	0.27 ± 0.03	0.31 ± 0.03	0.912	0.346	0.24 ± 0.02	0.31 ± 0.01	12.553	0.001
<i>Caudal fin</i>												
Length of caudal fin	16.01 ± 0.25	15.95 ± 0.31	0.024	0.878	17.61 ± 0.37	17.46 ± 0.29	0.100	0.753	16.35 ± 0.28	17.17 ± 0.17	6.956	0.011
Width of caudal fin	18.08 ± 0.32	16.72 ± 0.36	7.336	0.009	18.33 ± 0.52	18.57 ± 0.42	0.131	0.720	16.94 ± 0.34	16.97 ± 0.32	0.004	0.953
Width of caudal fin base	12.16 ± 0.09	11.61 ± 0.12	13.087	0.001	12.39 ± 0.23	12.31 ± 0.11	0.099	0.755	12.02 ± 0.13	11.74 ± 0.10	2.891	0.096
Shape of caudal fin	0.45 ± 0.02	0.42 ± 0.03	0.645	0.425	0.47 ± 0.03	0.60 ± 0.05	5.482	0.025	0.39 ± 0.03	0.41 ± 0.02	0.534	0.468
Length of caudal flange	10.78 ± 0.21	10.47 ± 0.30	0.767	0.385	11.11 ± 0.32	11.14 ± 0.34	0.002	0.961	10.89 ± 0.37	10.60 ± 0.18	0.592	0.445
Depth of caudal fork	1.25 ± 0.13	1.83 ± 0.15	8.320	0.006	1.39 ± 0.19	1.38 ± 0.13	0.002	0.968	1.40 ± 0.11	1.58 ± 0.10	1.486	0.229
<i>Dorsal fin</i>												
Length of dorsal fin	18.64 ± 0.27	17.64 ± 0.25	6.074	0.017	19.38 ± 0.36	18.62 ± 0.35	2.296	0.138	17.48 ± 0.32	17.72 ± 0.23	0.386	0.538
Width of dorsal fin	6.92 ± 0.11	6.99 ± 0.13	0.152	0.699	7.99 ± 0.34	8.58 ± 0.25	1.992	0.166	7.18 ± 0.19	6.59 ± 0.14	6.164	0.017
Width of dorsal fin base	11.67 ± 0.24	11.81 ± 0.18	0.165	0.686	12.03 ± 0.31	11.81 ± 0.30	0.271	0.606	11.35 ± 0.28	11.37 ± 0.25	0.002	0.964
Shape of dorsal fin	0.30 ± 0.01	0.36 ± 0.02	7.510	0.008	0.29 ± 0.03	0.28 ± 0.04	0.009	0.923	0.30 ± 0.02	0.36 ± 0.02	6.153	0.017
<i>Head lengths and depths</i>												
Head length	24.55 ± 0.16	23.49 ± 0.19	18.066	<0.001	22.43 ± 0.24	22.38 ± 0.16	0.026	0.874	23.78 ± 0.16	23.63 ± 0.15	0.417	0.522
Snout length	8.21 ± 0.07	8.04 ± 0.06	2.565	0.115	7.38 ± 0.11	7.35 ± 0.10	0.047	0.830	8.15 ± 0.10	8.10 ± 0.07	0.228	0.635
Snout length/Orbit diameter	2.25 ± 0.04	2.74 ± 0.10	28.560	<0.001	2.48 ± 0.07	2.75 ± 0.09	5.766	0.021	2.55 ± 0.07	2.72 ± 0.05	4.011	0.051
Post-orbital head length	13.52 ± 0.11	12.60 ± 0.12	29.618	<0.001	12.29 ± 0.15	12.30 ± 0.13	0.004	0.947	13.01 ± 0.13	12.76 ± 0.11	2.054	0.158
Cheek Length	18.41 ± 0.13	17.61 ± 0.15	14.476	<0.001	16.47 ± 0.17	16.80 ± 0.13	2.351	0.133	17.52 ± 0.17	17.50 ± 0.14	0.006	0.940

Head width	16.18 ± 0.13	15.65 ± 0.20	5.335	0.025	14.91 ± 0.21	14.73 ± 0.16	0.456	0.504	16.37 ± 0.18	15.70 ± 0.11	11.188	0.002
Inter nostril width	6.89 ± 0.07	6.87 ± 0.07	0.044	0.835	6.47 ± 0.08	6.20 ± 0.10	4.216	0.047	7.20 ± 0.09	7.12 ± 0.06	0.668	0.418
Head depth	13.15 ± 0.12	12.47 ± 0.21	9.401	0.003	13.05 ± 0.20	12.81 ± 0.19	0.778	0.383	13.45 ± 0.17	12.76 ± 0.11	13.661	0.001
Head width/Head depth	1.50 ± 0.03	1.67 ± 0.07	6.690	0.013	1.60 ± 0.05	1.92 ± 0.09	10.385	0.003	1.54 ± 0.06	1.67 ± 0.03	4.414	0.041
Anterior Head width/Head depth	0.64 ± 0.01	0.67 ± 0.03	0.741	0.393	0.81 ± 0.03	0.91 ± 0.03	6.144	0.018	0.72 ± 0.03	0.77 ± 0.02	1.955	0.168
Diameter of orbit	4.43 ± 0.06	3.89 ± 0.08	30.939	<0.001	4.15 ± 0.08	4.42 ± 0.10	4.302	0.045	4.04 ± 0.13	4.05 ± 0.06	0.008	0.929
Sub inter-orbital width	10.56 ± 0.10	9.85 ± 0.21	12.610	0.001	9.89 ± 0.19	10.12 ± 0.10	1.169	0.287	10.31 ± 0.13	9.99 ± 0.09	4.497	0.039
Maximum orbital width	14.20 ± 0.13	13.13 ± 0.17	26.537	<0.001	13.46 ± 0.23	13.48 ± 0.12	0.004	0.952	14.17 ± 0.15	13.64 ± 0.10	8.957	0.004
Length of upper jaw	10.42 ± 0.11	9.97 ± 0.11	7.685	0.008	8.93 ± 0.14	8.73 ± 0.12	1.178	0.285	10.37 ± 0.14	10.54 ± 0.10	1.121	0.295
Length of lower jaw	9.21 ± 0.11	8.64 ± 0.11	11.285	0.001	8.15 ± 0.12	7.88 ± 0.13	2.391	0.130	9.21 ± 0.12	9.12 ± 0.09	0.306	0.583
Width of gape	10.14 ± 0.14	9.56 ± 0.14	7.695	0.008	9.67 ± 0.19	9.30 ± 0.15	2.309	0.137	11.28 ± 0.16	10.73 ± 0.12	8.092	0.007
Depth of gape	9.09 ± 0.10	8.59 ± 0.12	10.173	0.002	8.10 ± 0.15	7.73 ± 0.19	2.389	0.131	9.28 ± 0.13	9.26 ± 0.09	0.035	0.852
Depth of gape/Width of gape	1.10 ± 0.03	1.20 ± 0.05	3.539	0.066	1.18 ± 0.04	1.38 ± 0.06	7.184	0.011	1.04 ± 0.04	1.18 ± 0.03	6.526	0.014
Width of upper lip	1.74 ± 0.04	1.73 ± 0.06	0.007	0.936	1.68 ± 0.05	1.57 ± 0.05	2.750	0.105	1.84 ± 0.07	1.88 ± 0.04	0.268	0.607