

Table 2 Morphometric measurements of cichlid from lake kainji expressed as percentages of standard length

Parameters	<i>O. niloticus</i>	<i>S. galilaeus</i>	<i>P. mariae</i>	<i>T. zilli</i>	P-value
Total length	127.85 ± 1.42	126.80 ± 0.80	124.48 ± 1.68	126.92 ± 1.26	0.666
Dorsal fin lt	57.13 ± 1.84 <sup>b</sup>	61.33 ± 0.84 <sup>a</sup>	46.71 ± 2.25 <sup>c</sup>	58.42 ± 1.04 <sup>ab</sup>	0.001
Anal fin lt	19.99 ± 0.85 <sup>a</sup>	20.96 ± 0.41 <sup>a</sup>	15.48 ± 0.65 <sup>b</sup>	16.76 ± 0.64 <sup>b</sup>	0.001
Pectoral fin lt	8.64 ± 1.42	6.59 ± 0.15	6.10 ± 0.57	5.79 ± 0.24	0.198
Pelvic fin lt	12.53 ± 3.52 <sup>a</sup>	4.78 ± 0.16 <sup>b</sup>	5.07 ± 0.29 <sup>ab</sup>	4.35 ± 0.33 <sup>b</sup>	0.044
Pre-pelvic lt	42.06 ± 1.15 <sup>ab</sup>	43.65 ± 0.62 <sup>a</sup>	38.16 ± 0.81 <sup>bc</sup>	38.68 ± 0.95 <sup>c</sup>	0.004
Pre-dorsal distance	36.93 ± 1.52	54.40 ± 11.20	38.42 ± 1.69	37.22 ± 1.65	0.316
Body width	30.06 ± 2.57 <sup>b</sup>	46.99 ± 0.69 <sup>a</sup>	34.16 ± 0.61 <sup>b</sup>	20.40 ± 1.41 <sup>c</sup>	0.001
Body depth	30.33 ± 1.91 <sup>b</sup>	22.49 ± 0.74 <sup>c</sup>	12.61 ± 1.61 <sup>d</sup>	38.69 ± 1.54 <sup>a</sup>	0.001
Caudal peduncle de	17.39 ± 1.50	17.32 ± 0.19	14.29 ± 0.62	14.68 ± 0.43	0.227
Caudal fin lt	27.93 ± 0.88	29.28 ± 0.49	25.71 ± 0.82	27.28 ± 1.30	0.174
Pectoral fin height	34.28 ± 1.18 <sup>b</sup>	37.31 ± 0.97 <sup>a</sup>	19.53 ± 0.31 <sup>c</sup>	31.13 ± 0.89 <sup>b</sup>	0.001
Anal fin height	23.72 ± 1.02 <sup>ab</sup>	26.29 ± 0.67 <sup>a</sup>	19.97 ± 0.88 <sup>a</sup>	24.67 ± 1.82 <sup>ab</sup>	0.047
Dorsal fin height	23.00 ± 1.28 <sup>b</sup>	25.78 ± 0.91 <sup>b</sup>	20.63 ± 0.71 <sup>b</sup>	29.87 ± 1.51 <sup>a</sup>	0.002

Mean in the same row with different superscript differ significantly (P<0.05)