



Supplementary Material

The Use of Otolith Shape to Identify Stocks of Redlip Mullet (*Liza haematocheilus*)

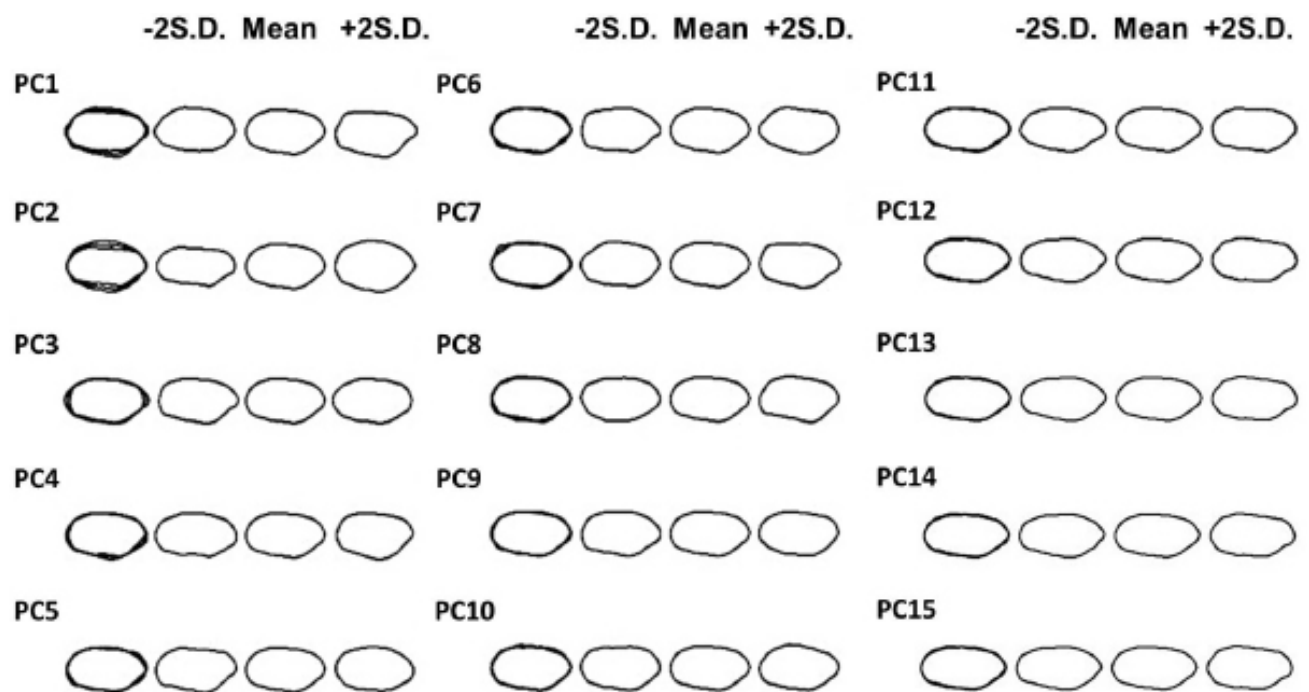
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Supplementary Fig. S1. Shape variation of *L. haematocheilus* sagittae explained by first 15 PCs. All outlines are synthetic and only indicate the correspondence between the PCs and contour features.

Supplementary Table I.- Results of five major components of PC analysis for *L. haematocheilus* stocks.

Principal components (PCs)	1	2	3	4	5
Eigenvalue	4.83	2.20	0.78	0.68	0.50
Contribution rate (%)	53.64	24.42	8.70	7.49	5.51
Cumulative contribution (%)	53.64	78.06	86.76	94.25	99.76

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Supplementary Table II.- The principal component analysis of *L. haematocheilus sagittae* based on Fourier analysis.

PC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Eigenvalue	9.93	8.58	7.94	7.09	5.30	4.57	4.28	3.84	3.50	2.97	2.92	2.51	2.20	2.07	2.06
Contribution rate (%)	12.89	11.14	10.31	9.21	6.88	5.94	5.55	4.98	4.55	3.86	3.80	3.26	2.85	2.69	2.67
Cumulative contribution (%)	12.89	24.04	34.35	43.56	50.43	56.37	61.92	66.90	71.45	75.31	79.11	82.36	85.22	87.91	90.58