



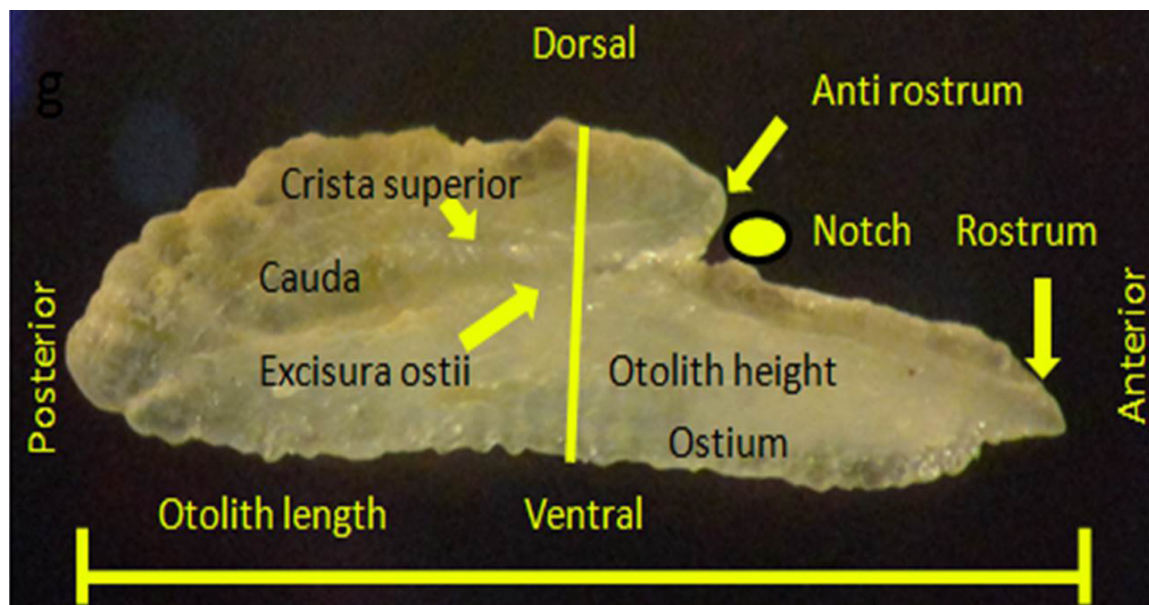
Supplementary Material

Short Communication: Otolith Dimensions versus Fish Lengths Estimated for Five Carangids (Pisces) in Pakistan

Nazia Qamar* and Sher Khan Panhwar

Center of Excellence in Marine Biology, University of Karachi, Karachi 75270

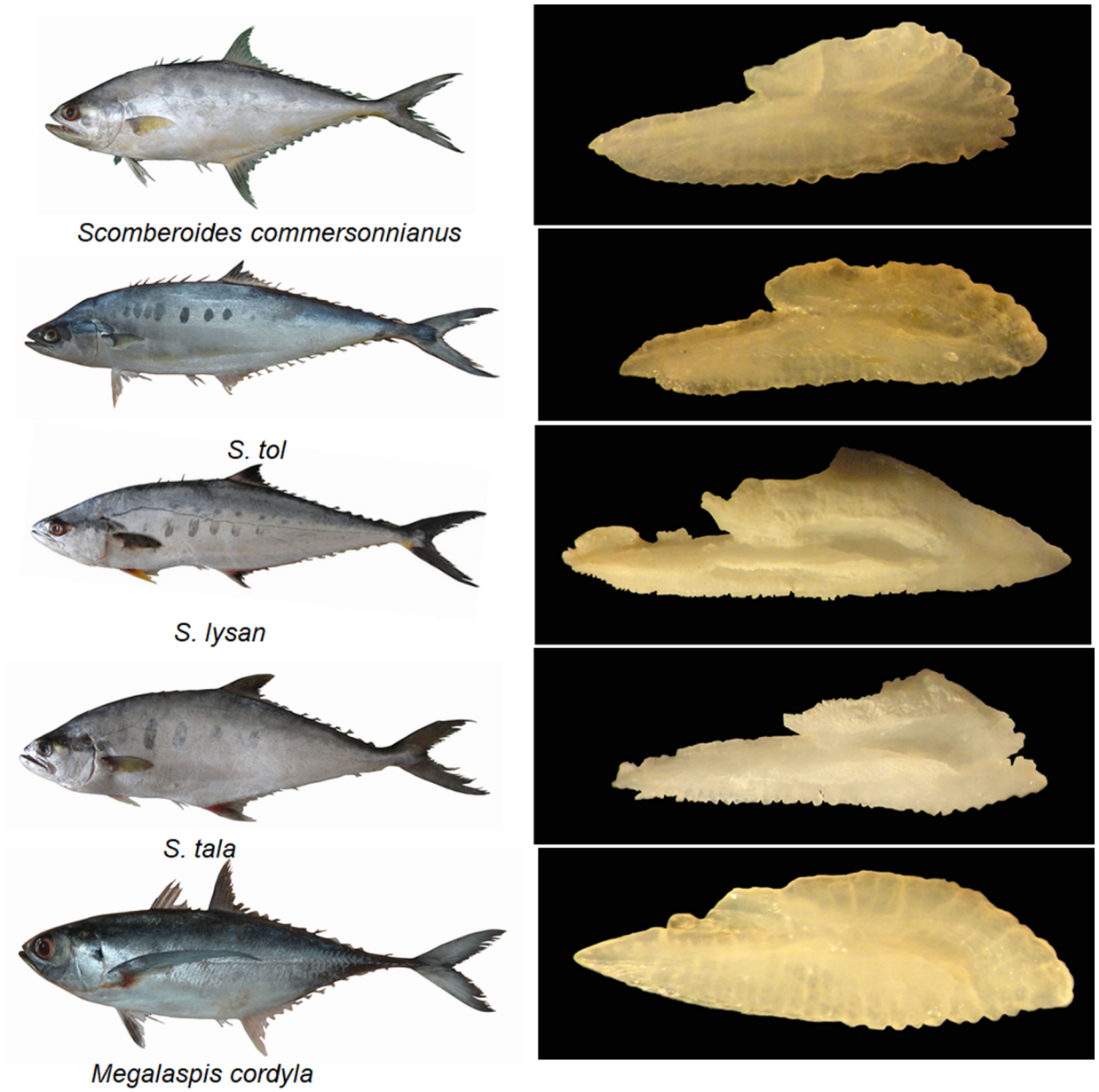
* Corresponding author: dr.naziaedu@yahoo.com
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Supplementary Fig. S1. A general description of otolith length, height, anterior and poster positions of *Scomberoides tol* in this study.

Supplementary Table I.- Otolith shape description for five carangid species with common heterosulcoid, sulcus acoustic and funnel like ostium with tubular cauda.

Species name	Shape	Dorsal margin	Ventral margin	Rostrum	Anti-rostrum	Posterior position
<i>Scomberoides commersonianus</i>	lanceolate-triangular	Sinuate	Crenate	Narrow, Pointed, elongated	Broad, short	Round-irregular
<i>S. lysan</i>	Triangular	Sinuate	Crenate	Narrow, Pointed, elongated	Short, narrow, broad	Oblique
<i>S. tala</i>	lanceolate-triangular	Sinuate	Serrate	Narrow, elongated, pointed	Pointed, short, broad	Oblique-irregular
<i>S. tol</i>	Lanceolate, curved	Sinuate	Crenate	Narrow, long and pointed	Short, broad	Oblique
<i>M. cordyla</i>	lanceolate	Sinuate	dentate	Elongated	No	Oblique



Supplementary Fig. S2. Five species of fish and otolith collected during the study period 2013-2015.