



## Length-Weight Relationship of Brown Comber, *Serranus hepatus*, Linnaeus, 1758 from Iskenderun Bay, Northeastern Mediterranean, Turkey

Asiye Bařusta<sup>1</sup>, Nuri Bařusta<sup>1</sup>, Levent Sangün<sup>2</sup>

<sup>1</sup>Fisheries Faculty, Firat University, 23119 Elazig, Turkey

<sup>2</sup>Adana Vocational School, Çukurova University, 01330, Adana, Turkey

\*Corresponding Author: Nuri Bařusta, e-mail: nbasusta@hotmail.com, Tel: +905445184995

### Abstract

This study describes the length-weight relationship (LWR) for *Serranus hepatus* species from Iskenderun Bay, Northeastern Mediterranean, Turkey. A total of 202 *S. hepatus* individuals were caught from Iskenderun Bay, during the 2015-2016 fishing season. The total length ranged from 5.7-9.5cm and body weight 2.23-12.19 g for *S. hepatus*. Length-weight relationship was found as the  $W = 0.0172L^{2.9664}$  ( $R^2=0.84$ ,  $F_{1,200}=21.221$ ,  $P < 0.001$ ) and  $SE_b = 0.091$  (t-test: 32.706  $p < 0.01$ ) for all individuals of *S. hepatus*. The types of growth were found isometric growth for all individuals of *S. hepatus*.

### Keywords:

Length-weight relationship, Brown comber, *Serranus hepatus*, northeastern Mediterranean Sea

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