



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

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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
