

## ABSTRACT

### GROWTH CHARACTERISTICS OF THE SILVERSTRIPE BLAASOP (*Lagocephalus sceleratus* Gmelin, 1789) IN ANTALYA BAY

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2012, 44 pages

In this study, growth characteristics of the silverstripe blaasop (*Lagocephalus sceleratus* Gmelin,1789) was investigated in Antalya Bay. A sample of 321 fish with total lengths ranging from 5.9 cm to 46.3 cm was collected from trawl and coastal fisheries between April 2010 and November 2011. Growth and length data were measured from 115 of the fish, with a length – weight relationship of  $W = 0,0228L^{2,91}$ . Growth parameters of *Lagocephalus sceleratus* were calculated using the ELEFAN-I routine of the FISAT-II software, using length frequency data. In length frequency analysis, seasonal data was used and data was classified as per 2 cm length groups, containing three seasons: summer (June + August), spring (April) and fall (September + November). The von Bertalanffy growth equation was calculated as  $L_t = 48.2 [1 - e^{-0.52(t + 0.27)}]$ .

**Key words:** *Lagocephalus sceleratus*, Antalya Bay, Growth characteristics