

## عنوان مقاله:

Growth patterns of Loach fish (Balitoridae: Oxynoemacheilus tongiorgii) in the basis of Rudbal River of Fars province

## محل انتشار:

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تعداد صفحات اصل مقاله: 1

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## خلاصه مقاله:

Biological characteristics of species with limited geographical distribution, is very important. One of the main biological features is growth. Hence, this study was aimed to investigate the growth pattern of stream Loach fish (*O. tongiorgii*) during November 2013 with collecting 140 Loach fish captured by a surber-type fish sampler from the Rudbal River. The mean total length and weight were  $4.70 \pm 0.39$  cm and  $0.84 \pm 0.21$  g, and the minimum and maximum total length and total weight were 4.00-4.00 cm and 0.487-1.762 g, respectively. Length-weight relationships was estimated as  $W = 0.0182TL^{2.453}$  for males,  $W = 0.0087TL^{2.899}$  for females, and  $W = 0.0135TL^{2.697}$  total fish. The correlation value was more than 80% and significant regression equation was observed. The results showed negative allometric growth pattern. The condition factor in males and females, was  $0.79 \pm 0.05$  and  $0.74 \pm 0.05$ , respectively, with a total CF of  $0.77 \pm 0.06$ .

## کلمات کلیدی:

The pattern of growth, *O. tongiorgii*, basic river Rudbal, Iran

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1024300>

