Reproduction of *Leptodius exaratus* in Hormoz Island

Jafar Seyfabadi[1*]
Neda Fahimi[2]
Alireza Sari[3]
Alireza mahvari[4]

1. Department of Marine Biology, Faculty of Marine Sciences, Tarbiat Modares University, Noor, Mazandaran Province, Iran
2. Department of Marine Biology, Faculty of Marine Sciences, Tarbiat Modares University, Noor, Mazandaran Province, Iran
3. Department of Biology, Faculty of Sciences, University of Tehran, Tehran, Iran.
4. Persian Gulf and Oman Sea Environment Research Center

[*]**Corresponding author:**
Seyfabadi@modares.ac.ir

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Abstract
In order to study the biological parameters and reproduction characteristic of Leptodius exaratus in intertidal zone of Hormoz Island, a series of research sampling carried out during 12 months in 2013. The sex ratio was estimated as male: female=47%:53%. Reproduction of the dominant species showed higher abundance of males than females. Sexual maturity in male occurred at 16 mm carapace length and in female at 13mm carapace length. Gonopod length in male crab is strongly correlated with the maturity and so is the number of eggs and gonad weight with the width of the abdomen in females.

Keywords: Xanthid crab, *Leptodius exaratus*, Hormoz Island, Reproduction.