

عنوان مقاله:

Population structure of banana shrimp, Penaeus merguiensis De Man, 1AAA in the Strait of Hormoz, Persian Gulf

محل انتشار:

مجله علوم شيلات ايران, دوره 17, شماره 1 (سال: 1396)

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خلاصه مقاله:

Monthly length frequency data of banana shrimp, Penaeus merguiensis were collected from the coastal waters of the north east of the Persian Gulf, from January YolY to January YolY. Software package FiSAT was used to analyze the length frequency data. Growth parameters, mortalities, exploitation rate and recruitment pattern were estimated from the carapace length in the area. Based on length – weight relationships, the estimated parameter a was o.ool Δ for males and females and b was Y.Aol Δ for males and Y.YA Δ Y for females. The estimated growth parameters: Loo=PMA Δ mm, K=1. Δ year–1 and to=-ooA year–1 for males and Loo= Δ o mm, K=1. Δ year–1 and to=-ooA year–1 for females. Longevity was estimated 1.FY and Y.oo years for males and females, respectively. The estimated mortality coefficients, were Z= Δ .9 (F.A9 – F.9Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 for males and Z= Δ .Y (F.9F–F."Y) year–1 (α =o.o Δ), M=Y.9 year–1 and F=".o year–1 and F=".o year–1 and F=".o year–1 and F=".o year–1 and F=. November because the survival of spawning stock after the fishing season is related to environmental factors and has less effect on the next ye

کلمات کلیدی:

.Penaeus merguiensis, Population dynamics, Persian Gulf

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