

عنوان مقاله:

Biomass distribution and pattern of myctophids in the Oman Sea

محل انتشار:

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خلاصه مقاله:

In conformity with programming to harvest from virgin resources of Myctophids (*Benthosema pterotum*) in the Oman Sea (Iranian waters), a series of research cruises and trial fishings were carried out from 1992 to 1998. Assessment of *B. pterotum* stocks was carried out using the data obtained from a series of seven cruises conducted by R/V Ferdowsi in the Iranian waters using modern scientific echo sounder of EK500 system in 1993-94, with complementary monitoring surveys in the following years. The biomass estimates ranged from 1 to 4 million tons with an average of 2.3 million tons. A number of fishing operations using mid-water trawls were also performed in 1994-1998 using the same vessel. Distribution of *B. pterotum* was found to be all around the Oman Sea. The dense schools of this species were found in the northwest areas of the Iranian waters. Also the F/V Jahad Fanoos was applied during 1994-95 to do some trial fishings and its maximum catch was 50 t/h.

کلمات کلیدی:

Myctophids, *Benthosema*, Biomass, Distribution, Oman Sea, Iran

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