

Abstract:

Reproduction of silver pomfret *Pampus argenteus* studied in fishing area of Persian Gulf and Oman Sea (Hormozgan province) from Bandar-lengeh and Bandar- abbas to Sirik for 14 months from October 2001 to November 2002.

Total fecundity in female for 159 mm (F.L) was 37232 and for 288 mm (F.L) was 476626. Spawning season was from April to September with 2 peak in May and August. Lm50 for female was 196 mm (F.L). Sex ratio for all months was not 1:1. Annual sex ratio was not 1:1 for Bandar-lengeh ($p < 0.05$, $df = 1$), But was 1:1 for Bandar- abbas ($p < 0.05$, $df = 1$). matured fish lived in near mangro creeks at northern part of Qeshm island.

Keywords: *Pampus argenteus* – Silver pomfret – Reproduction – Fecundity – Persian gulf – Strait of Hormoz – Oman Sea – Hormozgan province.