

Identification and distribution of *Gambusia holbrooki* of Poecilidae family in Sistan and Baluchistan Province internal waters

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To investigation some species of Poecilidae family in internal waters of Sistan and Baluchistan Province in Iranshahr, Saravan, Nikshahr and Sarbaz, a series of samplings was carried out, during 2002-2003. In this research, 14 sampling stations were determined and samples were collected by beach seine (0.4-1 cm) and after fixation in 10% formaline, they were transferred

to laboratory for further precise identification. The results indicated that the mean of $\frac{T.L}{H.L}$, $\frac{T.L}{Pre.D}$, $\frac{T.L}{C.P.L}$, $\frac{T.L}{P.C.H}$ and $\frac{T.L}{Pre.D}$ were 5.12 ± 0.04 , 2.51 ± 0.18 , 3.71 ± 0.1 , 8.54 ± 0.8 and 2.32 ± 0.06 respectively. The results of this research showed that *Gambusia holbrooki* is an alien species that has entered this area and has an abundant presence.

Keywords: *Gambusia holbrooki*, Distribution, Poecilidae, Sistan and Baluchistan.