

Fish species biodiversity in Khan Creek and Mond estuary

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Abstract

The fish species biodiversity was studied in Khan Creek and Mond estuary during 13 months (2010-2011). Samples were collected using gill nets and were found in 8 orders (Perciformes, Clupeiformes, Scorpaeniformes, Pleuronectiformes, Beloniformes, Gobiiformes, Cypriniformes, Mugiliformes) of the fish in the Khan Creek and the Mond estuary by biometry method and identification keys. From these orders, Perciformes and family Gobiidae had the most diverse fish species with *Boleophthalmus dussumieri* being the most abundant. Also, according to the Shanon diversity index, the most diversity of species in the Khan Creek and the Mond estuary was observed in March (H: 1.9) and April (H: 1.4), respectively.

Keywords: Fish, Khan Creek, Mond estuary, Biodiversity.