

Identification, abundance and length, weight and age composition of fishes in Arasbaran Reservoir

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This investigation has been done in order to identify and study some biological characteristics of fishes in the Arasbaran reservoir in east Azerbaijan province in the summer of 2010. For this purpose, 8 stations were selected in reservoir and its only tributary (Selin-Chay) and the fishes were caught with gill-nets (30 to 80 mm), 6 mm mesh size seine and electrofishing gear, too. The results showed that 5 species from Cyprinidae and one from Nemacheilidae families live in the reservoir and its tributary. Cyprinids with 76.5% of the total caught fish were abundant and they were observed in all stations. *Barbus cf. cyri*, *Hemiculter leucisculus* and *Oxynoemacheilus cf. bergiana* respectively with 39.5, 24.1 and 23.5% in Selin-Chay River and *H. leucisculus* with 85.0% in reservoir by beach seine were abundant and *Cyprinus carpio* was the only fish species caught by gill-nets. The averages of total length was 103.16 ± 23.7 , 95.45 ± 15.3 and 59.89 ± 5.6 mm in *H. leucisculus*, *Barbus cf. cyri* and *O. cf. bergiana* respectively.

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