

عنوان مقاله:

The investigation of caught fish abundance in two season, summer and autumn, in the Karun River Catchment in the city of Ahvaz

محل انتشار:

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نویسندگان:

Ali Ataollahi - *Department of Aquatic Animal Health , Veterinary School , Kazerun Branch , Islamic Azad University, Kazerun , Iran*

Mohammad Tarahomi - *Department of Aquatic Animal Health , Veterinary School , Kazerun Branch , Islamic Azad University, Kazerun , Iran*

خلاصه مقاله:

Introduction: fish in aquatic ecosystems cause preservation and reconstructing of their stocks and in this regard, all of them, including economical and noneconomical fish, have great value and importance due to their important role that play in aquatic ecosystems. Also, given to different seasonal effects on abundance of fish, the present study was done by the aim to determine the frequency of caught fish in two seasons, summer and autumn, in the Karun River Catchment in the city of Ahvaz. Method: after obtaining permission from department of environment of the city of Ahvaz, our group refer to Ahvaz for catching fish from Karun River in cooperation with fishermen and fishing tours in the summer and autumn seasons, and the process of catching the fish were performed randomly from different parts of the river. Then the caught fish (۴۳ pieces) were transferred to the laboratory of Veterinary Medicine University of Kazerun, to identify wanted species in required conditions. After that the results were expressed in the form of table and graphs. Results: The numbers of caught fish species in the Karun River were ۷ species, which contained maximum number of Butek (Cyprinion) fish with ۴ pieces, and white Shunk fish were the lowest number of fish with ۲ pieces, in summer. And in autumn, the maximum numbers of farmed carp (Cyprinus Carpio) were ۳ pieces and Barbus Pectoralis with ۲ pieces were the lowest number of caught fish. Discussion and conclusion: given the above, it was found that the fish abundance is related to the different seasons. As in summer, the maximum abundance of fish was related to the Butek (Cyprinion) Fish and in autumn, the largest number of fish was allocated to the farmed carp (Cyprinus Carpio) fish.

کلمات کلیدی:

Abundance, Fish, Karun River, Summer, and Autumn

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