



STUDIES ON FISH DIVERSITY OF KUNSAWALI TANK, OSMANABAD (M.S.) INDIA

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ABSTRACT

The present communication deals with the studies on Fish diversity of Kunsawali tank, Osmanabad (M.S.), INDIA

The work was carried out during the year 2018 (January to December)

Fishes are Aquatic cold blooded animals, fishes occupies top position in aquatic animals.

The result of this survey of fish fauna showed 10 major fish species belonging to 6 families. All these species shows economical, nutritional and medicinal value. The study deals with variety and abundance of freshwater species of this water body.

KEYWORDS: *Fish fauna, Kunsawali tank- Osmanabad.*

INTRODUCTION :

Fishes comprises very important biotic community in any water body. The nutritive and medicinal value of fish have been decode recognized form immemorial time, world fish production has increased many folds in last decade. Fishery play an important role in Indian economy and it help to elevate the economic condition of common fishermen fish forms a rich food and nutrition and serve as an important item in the diet. It is an important source of protein, fat and vitamin A and vitamin D many workers worked on the diversity of fisher such as Battul P.N.(2007), Baburao (1984), Chandanshive N. E.(2006), David (1969).

There is no authentic record found fish faunal diversity of Kunsawali tank, hence this survey was undertaken.

MATERIAL AND METHODS

Fishes were collected from different sites of Kunsawali tank with the help of local fisherman and preserved in 4% formalin for identification. The work was carried out during the year 2018 (January to December) the identification of fishes was done with the help of standard literature i.e. day Diversity shows in the table No. 1

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Table No. 1 Fish Diversity of Kunsawali tank

Order	Family	Name	Status
Perciformes	Channidae	Channa channa	*
	Gobiidae	glassogobius giunis	*
Siluriformes	Siluridae	Wallago-atlu	*
	Bagaridae	Rita rita	*
Cyprinid forms	Cyprinidae	Catla-catla	***
		Labeorohita	***
		Cyprinus carpio	**
		Cirrhinus mrigala	*
		Cirrhinus reva	*
***Most abundant	**Abundant	*Rare	

RESULT AND DISCUSSION

In the present survey 10 species belonging to 9 genera, 6 families and 3 order were recorded for the different sites of the Kunsawali tank. The members of Cypriniformes were dominated by 5 species followed by perciformes.

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REFERENCES

1. **Battul P.N. , Rao K. R., Nacale R. A., Bagale M. B. and Shah M. V.** 2007. Fish diversity form Ekrukha lake near Solapur.
2. **Babu Rao, M. and Y. Shica Reddy.**1984. fish fauna of Husainsagar. Jantu 2 : 1-6.
3. **Francis. Day.** 1829-1889 And his collections of Indian fishes. Bulletin of the British Museum (Natural History).
4. **Jayabhyae U.M. and Khedkar., G.D.**2008, fish diversity of savannah Dam in Hingoli District of
5. **David A. P., Ray B. V., Govind K., Rajagopal V. and Banerjee R. K.** (1969): An investigation report on limnology, fisheries biology and fish exploitation of the multipurpose Tungabhadra reservoir Bull. Cen. Inland fish Res. Inst. Varrackpore 13 India.
6. **Day (1889)** : The fauna of British India including Ceylon and Burma-Fishes, London Taylor and Francies.
7. **Dwivedi S.N. (2000)**, Approach for exponential growth in fish production in survenir, the fifth Indian fisheries.