

FISH - FAUNAL DIVERSITY IN BORI RIVER AT SANGAVI (AKKALKOT) REGION, MAHARASHTRA, INDIA

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ABSTRACT : The present paper deals with the study of fish-faunal diversity in Bori-river at Sangavi (Akkalkot) region, Maharashtra. The study was carried out during the year (January-December,2016) the result of this study shows major 12 species, 5 families from this region. Fishes having economical, Nutritional & medicinal importance. This river having variety and abundance of fresh water fishes.

Key words : Fish-fauna-Bori-river-Sangvi (Akkalkot).

INTRODUCTION

Fishery - Industry plays an important role in Indian economy. It helps to raise the socioeconomic conditions of fisher folk. Fishes are having rich source of foods nutrition. It is not also an important item food but also a natural source of protein, fat and vitamin A and D. The fresh water fishery of India has great potential of contributing to the food security of the country. Fish fauna is a major topic for its development and management for developing fishery. It is necessary to understand their population dynamics.

MATERIAL AND METHODS

Fishes were collected from different sites of Bori river of Sangavi region with the help of local fisherman and preserved in 4% formalin for identification. The study was carried out during the year 2016 (January-December). The identification of fishes was done with the help of standard literature *i.e.* Day (1829-1889).

RESULTS AND DISCUSSION

The present paper's results show that 12 fish species belonging to 10 genera and 6 families and 5 orders. Recorded from the sites of Bori river (Table.1). The members of order Cypriniformes were dominated by 4 species followed by Siluriformes 3 species and Perciformes, Clupeiformes 2 species and Syngathiformes one species. 12 species of fishes were found in the Bori river. All these types of fishes were caught and preserved by traditional methods. They were marketed regularly in fish-market of Akkalkot.

In fresh water of India, more than 1600 species were recorded (Salaskar and Yeragi,2004). Rajlakshmi (2006) recorded 44 species belonging to 16 families and 26 genera. Many Indian authors recorded freshwater fishes, like Savalla Murali (2006) reported 31 fishes species, Lohar (2003) recorded 24 fish species belonging to 16 genera and 7 families Jayabhaye & Khedkar (2008) reported 25 fish species belonging to 14 genera, 8 families and 6 orders. Battul *et al.* (2007) reported 18 species of fishes. Shinde *et al.* (2009) reported 15 species of 12 different genera, 4 families and 3 orders. Pawar *et al.* (2006) reported 26 species of fishes.

Table. 1 Fish Faunal diversity of Bori and river.

S. Order	Family	Genus and species	status
1. Cypriniformes	Cyprinidae	<i>Catla catla</i>	**
		<i>Cirrhina mrigala</i>	**
		<i>Cyprinus carpio</i>	*
		<i>Labeo rohita</i>	**
2. Siluriformes	Bagaridac	<i>Mystus vittatus</i>	-
		<i>Mystus leucophasis</i>	**
3.	Claridae	<i>Clarius batrachus</i>	*
4. Syngnathiformes	Cichilidae	<i>Oreochromis mossambicus</i>	**
5. Perciformes	Channidae	<i>Channa punctatus</i>	*
		<i>Channa striatus</i>	-
	Notopteridae	<i>Notopterus notopterus</i>	*
		<i>Notopterus chitala</i>	-

** Most abundance, * Abundance, - Rare



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