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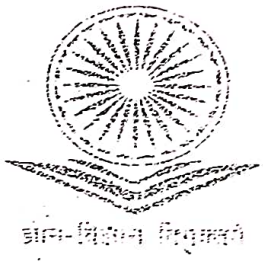

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CONTENTS OF PART - II

3. Fish and Fisheries of Dongergaon Tank, District Latur, (MS.) India

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Abstract

The present work deals with the study of fish-fauna and fishery activity of a Dongergaon tank Dist-Latur (M.S.)India. The work was carried out during the year 2017 (January to December).

The Latur District of Marathwada region of Maharashtra having several small and large sized reservoirs i.e. Gharni which are being exploited for aquaculture through fisherman's Co-operative societies supported by State fisheries department.

The present work was made on the Dongergaon tank. In the tank, the fish fauna represented by 18 fish species belonging to four orders. The identification and economic importance is discussed.

Key-words: Fish-Fauna-Fishery-Dongergaon tank.

Introduction

The knowledge scientific information of bio-diversity is essential for sustainable exploitation and conservation of fishery resources. India having 1.37 million hectors water spread area and out which 24400 hectors are under fish cultivation.

In Maharashtra, Latur District is having rich aquatic resources which includes lakes, ponds, tanks (under Krishna Khore and Godavari Khore project) and farm tanks etc. There is a great scope for development in fisheries in the District.

Some Indian workers, donates their contribution in the field of fish diversity and fishery activities. They are Chacko (1954), David (1963), Das (1996) and Baburao and Reddy (1984) etc.

The work was undertaken from the Dongergaon tank to study the fish diversity and fishery activity.

Material and Methods

Fishes were collected from different stations of Dongergaon tank with the help of local fisher folk. With the help of standard literature fishes were identified. The literature of Datta Munsh. and Srivastava (1988) and V.G. Jhingran (1985) was referred

Result and Discussions

Many Indian workers worked on the fish faunal diversity and fishery activities of the freshwater resources. Babu Rao (1997) studied the fish fauna of Himayatsugar lake in Hyderabad and reported 32 species belonging to the 11 families under 6 orders. In the year 1997 Chaterjee et al. has worked on fish diversity of Narmada basin (M.P) and recorded 84 species from 45 genera and 20 families included in 6 orders.

In the present work, 18 fish species belonging to four orders are recorded from Dongergaon tank (Table No. 1). The fish fauna consists of carps, catfishes. The carps dominate over other groups throughout the year. Among the 18 fish species 8 are commercially important and cultured extensively and included 2 exotic species

The fishery is carried out throughout the year. The various types of gill net and cast nets were operated for fishing by local fishermen. The carps are important for capture and culture fishery among commercially important species channa and mastacembglus that are harvested on moderate scale but fetch good market price compared to other food fishes.

Table No. I – Shows the Ichthyofauna of Dongergaon Tank.

Species	Common Name	Relative abundance
Order – Symbrandiforms		
Family- Gobias giuris (Ham)	Gobius	Rare
Family- Acanthoperidae		
Mastacembalus armatus (Cuv- Val)	Fresh water eel	Moderate
Mastacembalus pancalus (Cuv- Val)	Fresh water eel	Moderate
Order- Physostomi		
Family- Siluridae		
Macrones Seenghala (Dum)	Cat fish	Common
Wallago attu (Schne)	Freshwater Shark	Abundant
Clarius Magur (Cuv- Val)	Cat fish	Rare
Family-Scomberscoidae belone (ancila Cuv)	Gar fish	Rare
Family- Cyprinidae		
Catla catla (Ham)	Catla	Abundant
Catla buchanani (Cuv- Val)	Catla	Abundant
Cirrhinus reba (Ham)	Cirrhina	Moderate
Cirrhina Mrigala (Ham)	Mrigala	Moderate
Labeo rohita (Ham)	Rohu	Abundant
Cyprinus carpio (Linn)	Comman Carp	Moderate
Hypopthalmicthys molitrix (Val)	Silver carp	Rare

Order- Perciformes Sub order- Percoider Family- Centropomidae Chanda nama (Ham) Chanda ranga (Ham)	 -- --	 Rare Rare
Order- Channiformes Family- Channidae Channa striatus (Ham) Channa punctatus (Ham)	 Maral Maral	 Moderate Moderate

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