

FRESH WATER FISH FAUNA OF KARADKHED DAM, DEGLUR, NANDED, MAHARASHTRA, INDIA

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Abstract: The Karadkhed Dam is Perennial water body of Deglur City, water is used for water supply and irrigation purpose. Fishes were collected from Karadkhed Dam during 2016-2017 by different types of nets. 18 species belonging to 09 Genus, 04 Order, and 05 Family were recorded from this region.

Keywords: Freshwater fish fauna, fishes, Karadkhed dam.

1. INTRODUCTION

Fishes are from one of the most important groups of vertebrates influencing his life in various ways. Millions of human being are suffer from hunger and malnutrition and fish from a rich source of food and nutrition and provide a meal to tide over the nutrition difficulties of man in addition to serving as an important item food. The fishes are also provided several products and by products including fish oil used for medicinal and industrial in the life of human being.

Fishes of the fresh or inland water bodies of the Indian sub-continent have been subject of study since last century; Hamilton Buchanan (1822);day (1878); Tiwari; Jayram (1981);Tlwar and Jhingran (1991), Ghate and Wagh (1991);(1994;1995) Roa et.al.(1999); Dutta et.al.,2000 a,b,c Dutta et.al.(2003); Paik et.al.(2003).

Reservoirs fishery in india is also important from social economic point of view assist has the potential providing point of view assist has the potential providing employment to about millions people. According to Sugnan (1995); total area under the reservoirs in india 3.1 million hectors; there are includes 19000 small reservoirs with a total water surface area 14855.57 hectors and about 180 medium 56 large reservoirs of 527641 and 1140268 hectors reflectively. The Maharashtra is endowed with an area 179430 hectors under reservoirs and staff produces more than 516 tones of fishes of these area; the state fisheries corporation was operating in 6,272 hectors of revelators and marketing the catches.

2. FISHES IN KARADKHED DAM

Phylum	Chordata
Sub-phylum	Gnathostomata
Super-class	Pisces
Class	Teleostomii
Sub-class	Actinopterygii
Order	Cyprinidae
Family	Cyprinidae
Genus	Catla
Species	Catla
Genus	Labeo
Species	rohita,bata and calbasu
Genus	Cirrhina

Species	mirigala and C.reba
Genus	Cyprinus
Species	Carpio
Genus	Punctius
Species	P.ticto and p.sarana
Order	Clupeiformes
Family	Natopteridae
Genus	Natopterus
Species	natopterus and chitala
Order	Siluriformes
Family	Bagridae
Genus	Mystus
Species	M. seenghala and M. cavassius
Family	Siluridae
Genus	Wallago
Species	attu
Order	Channiformes
Family	Channidae
Genus	Channa
Species	C.Muralius
	C.Gachua
	C.Striatus
	C.Puctatus

In Karadkhed Dam, Tq Deglur, Dist Nanded, it is rich in fish as food fishes are having good market value, & it gives economy to people. In Karadkhed Dam at various centers fishermen caught the fishes & sell in the market.

In Karadkhed Dam, at morning time many fisherman are observed, for fish catching.

Fisherman are used the thermocol tarafa for fishing.

It is made up of Thermocol. Their shape & size are vary, as fisherman choose the size. A large and strong thermocol are choose the length of the Tarafa is long than the side.

Fisherman seat on the tarafa & simply pull the water back side in result tarafa goes ahead, Tarafa is generally covered by plastic for to put it dry and also for prevent from damaging. The weight of thermocol is very low, hence it can easily handled after fishing operation.

After the fishing is done fishes are removed from the nets are collected in pots.

3. MATERIAL AND METHODS

Fishes were collected from different fishing station of Karadkhed Dam with help of local fisherman. Examined for colour pattern, cleaned with clean warm water to remove dirt, micro-organisms and blood strains and preserved in 10% formaldehyde solution. Done with the help of standard literature (Day, 1878; Talwar and Jhingran, 1991; Khanna, 1992; and srivastava et.al., 1994.)

4. RESULTS AND DISCUSSION

The fish fauna is an important aspect of fishery potential of a water body more work has been carried out on fish found ichthyofauna fish inhabiting water bodies and reservoirs. Distribution of fish species is variable because of geographical and geological conditions. The present work confirm the occurrence of 18 fish species belonging to 4 orders 09 genera and 05 families. The order cypriniformes was dominant with 08 fish species to be followed order silluriformes (4) and channiformes with 4 species, order clupeiformes (2).

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