



Zooplanktons Diversity of Bori Dam Naldurg, Dist. Osmanabad (M. S.) India

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Abstract :

The present investigation deals with the study of zooplanktons of diversity of Bori Dam Naldurg Osmanabd Dist. (M.S) India. The work was carried out during the year 2016 (January to December). The result of this communication shows total 15 Species belonging to four different groups. It includes Rotifer (05) Cladocera (04) Copepods (04), and Ostracopoda (02). The growth of Zooplanktons was found throughout the years.

Keywords: - Zooplanktons diversity, Bori dam Dist. Osmanabad.

Introduction

Zooplanktons are the microscopic free swimming component of an aquatic ecosystem. They are primary consumers in the lake that feed on phytoplanktons. The seasonal variations of these organisms was dependents on physico-chemical and biological parameters. It's is a food of fishes.

Many works on zooplanktons like Battish S.K (1992), Rao K. S. and Chubey Usha (1993), Sakhare V.B and Joshi P.K (2002) etc.

There is no compressive report on the zooplankton of Bori am Naldurg Dist Osmanabad. Hence the works was undertaken.

Material and Methods

Zooplankton samples were collected with the help of plankton net. The samples were preserved in 4% formalin for further. Identification was done with the help of standard literature of Battish S.K (1992), Danpathi M.V.S.S.S (2000) Dussan et al (1984) Murugan N.P et al (1948), Pennak R. W. (1987) etc.

Results and Discussion

During the period of investigation following 15 zooplanktons species belonging to Rotifers (05) Cladocerans (04), Copepoda (04) Ostracopoda (02) were recorded.

Table No – I

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Sr. No.	Group	Species
1	Rotifera	Filinia longiset Branchionus auadridentatus Karettela auadrata (muller) Branchionus forticula Kerattela cochloearis



2.	Cladocera	Daphinosome sarsi Bosmina sp. Chydorus sphaericus Daphnia carinata
3.	Copepoda	Cyclops bicolor Cyclops virides Mesocyclops leuckarti Argulus foliaceus
4.	Ostracopoda	Cypris sp. Cyclocypris globoso.

Acknowledement

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