



DIVERSITY OF ZOOPLANKTONS FROM LOHGAON TANK, NALDURG, DIST.OSMANABAD (M.S.) INDIA

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ABSTRACT

The present work deals with the diversity of zooplanktons from Lohgaon tank, Naldurg, Dist. Osmanabad (M.S.) India. The present work was carried out during the year 2017 (January to December).

Planktons are the bio indicators of water tank. These are the biotic parameters of the tank. The total 06 species were recorded during the study period.

Among zooplanktons flagella, Copepoda and rotifer were recorded during the study period.

KEY WORD: diversity- zooplankton- Lohgaon tank.

INTRODUCTION

Pond ecosystem can be explained as body of shallow, standing water characterized by relatively quiet water and abundant vegetation with thousands of microorganisms. The important components of pond ecosystem are abiotic and biotic components. The biotic components include all living substances. They may be producers, consumers and decomposers.

The present study comprises the study of one of the biotic component that is zooplanktons.

MATERIALS AND METHODS

The monthly samples were collected from the sampling site in the morning hours. The one liter plastic can was used for sample collection. The sample was brought to the laboratory and estimated for planktons with the help of standard literature that is drop method and Sedgwick - Rafter cell method.

DISCUSSION

The diversity of zooplanktons from the Lohgaon tank during the study period the Table No- I shows that occurrence of the zooplanktons.

Table No. I. Diversity Of Zooplanktons From Lohgaon Tank, Naldurg, Dist.Osmanabad (M.S.) India

Table with 3 columns: Sr. No., Group, Genera. Row 1: 1, Flagellate, Euglena species. Row 2: 2, Copepoda, Cyclops species, Dapria species, Dicyclop Species. Row 3: 3, Rotifera, Branchionus species, Rotifera.

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