

# Hydrobiological Studies and Zooplankton Diversity of Sagar Talao District Bhandara Maharashtra

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**Abstract:** *Air, water, land, flora and fauna are the natural resources of any ecosystem. Water is very important for existence of life. It is the medium, which gave birth to first primitive living molecules, as the living organisms found in water are reliable indicators of water quality. The distribution and diversity of zooplankton in aquatic ecosystem depends mainly on the physico-chemical properties of water. For the study of water quality, the limnological observation is needed. Most of the organisms are being extensively used as indicators of water pollution. The biological indicators provide a direct clue and quick information of the aquatic systems. In present study, the zooplankton of the Sagar Talao was studied for a period of one year with its physico chemical factors. In present study total of 09 species of zooplanktons belonging to Rotifera, Ostracoda Cladocera, Copepoda, were present..*

**Keywords:** Flora, Fauna, Zooplankton, Limnological

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