

Zooplankton Diversity of Junona Lake of Chandrapur District (M.S.), India

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Abstract: *Zooplankton diversity is one of the most important ecological parameters as these are the intermediate link between phytoplankton and fish and plays a key role in cycling of organic materials in an aquatic ecosystem. Due to their short life span, the zooplankton community often exhibits quick and dramatic changes in response to the changes in the physico- chemical properties of the aquatic environment. Zooplankton are important biotic components influencing all the functional aspects and play a vital role. This research paper deals with the study of Zooplankton diversity of Junona lake located near Chandrapur city of Maharashtra State, during the period June 2023 to May 2024. During study in Junona lake 27 different species of Zooplanktons were recorded. The recorded zooplankton species are classified as Protozoa, Rotifera, Cladocera, Copepoda and Ostracoda*

Keywords: Zooplankton, Junona lake, Zooplankton diversity

