



## Seasonal Variation and Abundance of Zooplankton in Upper Manair Reservoir at Rajanna Sircilla, Telangana State, India

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**Abstract:** Assess the Seasonal variation of zooplankton in the Upper Manair reservoir were studied for various physico-chemical parameters with mainly focus on diversity and abundance of zooplankton. A total of 45 species of zooplankton were found, belonging to 24 species of rotifera, 08 species of cladocera, 08 species of copepoda, 02 species of ostracoda and 03 species of protozoa were screened. Rotifers were the dominant group of the zooplanktons and Ostracoda were lower group of zooplankton during the study period. The population of zooplankton was showed positively and negatively during the study period. The degree of difference of zooplankton groups showed variation seasonly. The present study is an attempt to Upper Manair reservoir qualitative and quantitative population of zooplankton and importance for successful aquaculture management.

**Keywords:** Zooplanktons, Seasonal variation, Diversity, Abundance and Upper Manair reservoir

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