

## Diversity of Zooplankton from Salim Ali Lake of Aurangabad Maharashtra

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### Abstract

Zooplankton plays an important role in aquatic ecosystem. They are assisting the economically in fish culture. The zooplankton diversity in Salim Ali Lake of Aurangabad Maharashtra, India was observed from January, 2017 to December 2017. In this dam presence of culturable fishes were found. During the study period, we collected 35 species from 12 genera (Rotifers- 06, Cladocerans- 03, Copapodes- 02, and Ostracodes-01) of zooplanktons. The Rotifera was found dominated over Copepoda, Cladocera and Ostracoda species. Quantitative and qualitative analysis was made for distribution of the species, because the productivity of zooplankton turned into unique, it could be continuously implemented for aquaculture.

**Keywords:** Zooplanktons, physico-chemical parameter, Salim Ali Lake.