PLANKTON DIVERSITY ANALYSIS IN AN EARTHEEN POND OF KUMAUN HIMALAYAS (UTTARAKHAND) DURING WINTER SEASON

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ABSTRACT
The research paper represents a brief analysis of Phytoplankton and Zooplankton present in an earthen pond located at Bhimtal, Nainital, Uttarakhand, during winter season. The quanti-qualitative analysis indicated that the phytoplankton were dominated by chlorophyceae. Total of 47 species of Phytoplankton including 19 species of Chlorophyceae, 18 species of Bacillariophyceae, 08 of Cyanophyceae, One species of Xanthophyceae, One of Rhodophyceae were recorded with 24 species of Zooplankton. Among Zooplankton, Cladocera was the dominant group (09 species) with 08 species of Rotifera, 03 of Copepoda and 04 species of Protozoa. Among Phytoplankton and Zooplankton, Scenedesmus quadricauda and Euglena sp. were the dominant species.

KEY WORDS: Phytoplankton, Zooplankton, Earthen pond, Winter, Kumaun Himalaya

REFERENCES


