

STUDIES ON FRESH WATER ALGAL DIVERSITY OF DOKEWADA RESERVOIR

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ABSTRACT

The present paper deals with the Study of Algal Diversity of Dokewada Reservoir in Beed district Marathwada region Maharashtra. The survey is carried out for the period of one year Jun-2016 to May-2017. Algal samples were collected for the monthly intervals. In the present investigation 63 taxa under 27 Genera of Chlorophyceae, 32 species under 12 Genera of diatoms (Bacillariophyceae), 45 species under 16 Genera of Cyanophyceae, 2 species under 2 genera of Charophyceae, 6 species under 3 genera of Euglenophyceae. Winter and summer seasons are suitable for Chlorophyceae, summer season is suitable for Cyanophyceae. winter and Summer seasons are suitable for diatoms; Charophyceae is not showing seasonal variation. Chlorophyceae was dominant followed by Cyanophyceae, Bacillariophyceae, Euglenophyceae and Charophyceae.

KEYWORDS: *Dominant, Suitable and Variation.*