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STUDIES ON PHYTOPLANKTONIC DIVERSITY OF RIVER GANGA, WITHIN HARIDWAR CITY, UTTARAKHAND

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The studies of plankton are the subject of great interest because of their role as primary producers in an aquatic ecosystem. The qualitative studies of plankton may provide good indices of water quality and capacity of water to sustain heterotrophic communities. The present study is focused on planktonic diversity and seasonal variation in Ganga River within Haridwar city. It was found that 30 species of the following 3 groups: Bacillariophyceae, Chlorophyceae, and Cyanophyceae were observed in Ganga River during study periods from January, 2010 to December, 2011. It was observed that Bacillariophyceae was the most dominant group among all.