

PHYTOPLANKTONIC AND ICHTHYOFAUNAL DIVERSITY OF KOSI RIVER AT LALPUR BARRAGE (RAMPUR) INDIA

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ABSTRACT

Present investigation of plankton diversity and fish fauna of River Kosi was carried out from March 2013 to February 2014 at Lalpur barrage in Rampur district (U.P.). The qualitative analysis of biological parameters of River Kosi showed high quantity of phytoplankton during this study. Three major groups of phytoplankton (Chlorophyceae, Bacillariophyceae, and Cyanophyceae) were studied for diversity and seasonal abundance and seven fish families viz. Cyprinidae, Channadae, Bagaridae, Siluridae, Heteropneustidae, Belonidae and Claridae were identified. During present study it was also revealed that the water of Kosi River is getting polluted by anthropogenic activities.

KEY WORDS:-Kosi river, Phytoplankton, Fish fauna.

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