

COMPOSITION, ABUNDANCE AND DIVERSITY OF ZOOPLANKTON POPULATION FROM THREE DIFFERENT WETLANDS FROM BARAK VALLEY, ASSAM

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ABSTRACT

The zooplanktonic composition and its community structure in three selected wetlands of Barak valley were investigated for a period of one year sampling every month. The zooplankton fauna comprised of 36 species belonging to three group *viz.*, rotifera, cladocera and copepoda. The relative abundance of rotifera was high in two studied areas (site 2 and site 3) 48.05% and 43.80% respectively. The zooplankton species richness indices were high in site 2 than the other observed study areas. The detailed aspect of composition, abundance and diversity trend of zooplankton fauna is discussed herein.

KEYWORDS: Abundance, Community Structure, Diversity, Zooplankton