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STUDIES ON BIODIVERSITY AND POPULATION ECOLOGY OF ZOOPLANKTON



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ABSTRACT : *The pioneer work on limnology in India was initiated by Prasad (1916), who studied the seasonal conditions of pond life in Punjab. Further studies on ecology of freshwater bodies from Madras city have been made by Ganapati (1943); Ganapati and Chacko (1951) while working on a fishpond at Madras observed that the age and nature of bottom sediment affects the plankton yield. Das and Srivastava (1956) reported that the quantity of plankton appeared is inversely proportional to the quantity of zooplankton. Recently Choudhary (1991) carried out the studies*

on hydro biological parameters on planktons and benthic fauna of Sagar Island, Sundarbans. Verma and Mohanaty (1995) found out the correlation of plankton and certain physico-chemical parameters of Danmukndpur pond. Kodarkar et al. (1998) studied physico-chemical, biological and microbiological status of Hussainsagar Lake at Hyderabad. Hosmaniet at (1999) studied ecological significance of biochemical parameters in certain freshwater lakes of Mysore.

KEY WORDS : *Biodiversity Population, Ecology, Zooplankton etc.*