

AN ECOLOGICAL ASPECT ON DIGENETIC TREMATODE PARASITE OF FRESH WATER FISHES FROM UTTAR PRADESH (INDIA)

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ABSTRACT

Fresh water fishes are the common shelter for various species of digenetic trematode parasites in Lucknow (Uttar Pradesh), abundantly found in river Gomti, different ponds and canals of Lucknow. Fishes carry heavy infection of helminth parasites and serve as the host of different helminth parasites. Infection of these parasites may be result in poor growth, postpone sexual maturity and mortality of fishes, and cause human and animal diseases due to weak association of host and parasites. Digenean trematodes are important helminth parasites of Fresh water fishes. In this paper we have reported the seasonal fluctuation in the prevalence, intensity and relative density patterns of digenean infection in fresh water fishes from river Gomti Luck now (India) during the Jan, 2011 to Dec, 2011.

KEYWORDS: Digenetic Trematodes, Intensity, Prevalence, Infection