



Accumulation of Heavy Metals in *Fejervarya limnocharis* Tadpoles Inhabiting Two different Wetlands in Cachar District, Assam

T.H. Sharma and M. Dey

Department of Ecology and Environmental Science, Assam University, Silchar-788 011, India
E-mail: henashrees@gmail.com

Abstract: The study was conducted to estimate the level of heavy metals chromium (Cr), copper (Cu), lead (Pb), nickel (Ni) and zinc (Zn) in tadpoles (*Fejervarya limnocharis*) in two different wetlands of Cachar district, Assam during winter and rainy season. Tadpole, water and sediment samples were collected from both Chatla haor and Ramnagar anua to determine the accumulation of metals. Difference of metal content was seen in all the five metals analysed in both the sites and the seasons. The present study indicates that tadpoles can be considered good bio indicators of heavy metal contamination in the aquatic water bodies like ponds, marshes, floodplain wetlands etc.

Keywords: Accumulation, Bioaccumulation factor, Heavy metals, Tadpoles, Wetlands
