

**Research Article**

## **Diversity and conservation status of malacofauna from the river Teesta, West Bengal, India**

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### **ABSTRACT**

A survey on malacofauna in the river Teesta from March 2014 to February 2016 was done by using caste net of mesh size 0.5 mm. A total of 9 species belonging to 7 families were reported. All these species are under Least Concern (LC) category. One invasive species *Physella acuta* also reported from the river Teesta. Of the 9 species, 7 are edible molluscs. Diversity indices and PCA were done by PAST software. Number of taxa, dominance index, Shannon diversity index, evenness index and Margalef's richness index were ranged from 3-7, 0.123-0.50, 0.868-2.149, 0.5659-0.9531 and 0.8049-2.25 respectively. Shannon diversity index and evenness index were maximum during monsoon and minimum during winter season.

**Key words:** Malacofauna, invasive species, Diversity indices

