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FRESH WATER MOLLUSCAN DIVERSITY FROM A PERINNIAL TANK NEAR HOTAGI, SOLAPUR (DISTRICT), MAHARASTRA, INDIA

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ABSTRACT – It is essential to know the status and trends of freshwater molluscan diversity in order to monitor and assess the impact of human activities on freshwater systems and to conserve the freshwater biodiversity conservation. The present work deals with the assessment of freshwater molluscan diversity to focus mainly on the distribution of various classes. The present survey on the molluscan fauna from Hotagi tank (latitude 17°-20'-20'', longitude 75°-68'-00'') shown abundance both the classes of gastropoda and bivalvia. All together 11 species were identified in the freshwater Hotagi tank. Among all these species *Lamellidens corrianus* and *Bellamya bengalensis* were found to be abundant. The present study is considered as a first report of its kind as far as molluscan diversity concerned especially form the Hotagi tank from Solapur district Maharashtra.

Keywords : Diversity, Molluscans, Gastropods, Bivalves, Hotagi tank.