

Documentation of Wetland Floral Diversity from Three Perennial Lakes in Bramhapuri Town, Dist. Chandrapur Maharashtra, India

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Abstract: *The present study was conducted to document the floral diversity of three perennial lakes of Bramhapuri town from Chandrapur district, Maharashtra, India for a period of one year from July 2023 to June 2024. During the present investigation total of 48 plant species belonging to 40 genera and 24 families were recorded from the wetland of study sites. Pistia stratiotes L., Spirodela polyrhiza (L.) Schleid., Lemna perpusilla Torr., Marsilea minuta L. Mant. & Ipomoea aquatica Forssk are common floating macrophytes observed during the visit from all 03 study sites. These floating forms make dominance on the water surface and restrict the growth of submerged macrophytes, regarded as pollution tolerant aquatic macrophytes and be used as a biological indicator for eutrophication. The present findings revealed that the quality of the all the three lakes is productive and eutrophic. Conservation of this wetland bodies needs urgent attention to protect its diversity.*

Keywords: Wetland, Macrophytes, Perennial, Bramhapuri