

Vascular plants diversity in Satajan Beel in the Lakhimpur District of Assam in Northeast India

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ABSTRACT

Satajan Beel (wetland) is situated in the North Lakhimpur District of Assam in Northeast India and is located between 27° 12' 23.7" to 27° 12' 40.00" N latitude and 94° 03' 08.5" to 94° 03' 08.8" E. longitude in the flood-plain of Ranganadi (Ranga River) at an altitude of 94 m. A survey during 2018 – 2019 led to the record of 262 species of vascular plants from this wetland area. The flora is dominated with annual herbs (54.2 % spp.) and Therophytes (58.4 % spp.). Through the functional classification of plants 153 or 75.19 % species were recognised as Simulated and Wet-Marginal plants. The Biological Spectrum of this wetland flora is not matching with the Normal Spectrum and expresses many limitations and disturbances in the vegetation. However, a good proportion of the flora is useful in numerous ways.

Key words: Satajan wetland, Lakhimpur, Assam, Vascular Flora, Life-form, Distribution