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**Foliar epidermal anatomy of wetlands flora from Azad Jammu and Kashmir****Maryam Akram Butt<sup>1</sup>, Muhammad Zafar<sup>1</sup>, Mushtaq Ahmad<sup>1,2</sup> and Fazal Ullah<sup>1</sup>**<sup>1</sup>Quaid-i-Azam University, Pakistan<sup>2</sup>Chengdu Institute of Biology, China

Foliar epidermal anatomy of 24 wetland plant species was studied in the present study through light microscopy to find valuable taxonomic characters. The aim of this study is to provide baseline information of the anatomical characters of wetland flora of Azad Kashmir which will be helpful for the identification of wetland flora. Our result shows diversity among the qualitative and quantitative characters of epidermal cells, stomata, trichomes and stomatal pore of both the surfaces of the epidermis. In accordance with these variations taxonomic key was prepared by using these characters for the identification and differentiation of wetland plant species. On the basis of our findings through light microscopy it is helpful for the taxonomist to identify other wetland species. In future there is also a need to analyze this anatomical data at genetic level.

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