عنوان مقاله:

ANATOMICAL STUDIES OF SOME AVENA SPECIES IN IRAN

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خلاصه مقاله:

In this research foliar anatomy of seven species of Avena are studied under the light microscope and the scanning electron microscope (SEM). This study includes seven species, namely, A. barbata, A. clauda, A. eriantha, A. fatua, A. ludoviciana, A. sativa and A. wiestii. Different anatomical characters sush as number of bulliform cells, mesophyll thickness, midrib, number of vascular bundles from midrib to margin and some other characters are efficient in identification of species. Anatomical results are applied in separation of species from each other. The identification key based on anatomical characters is also presented. It is concluded that, the identification key based on morphological characters supports the relation between species based on anatomy.

کلمات کلیدی:

Avena, Foliar anatomy, Poaceae

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