

عنوان مقاله:

A TAXONOMICAL, MORPHOLOGICAL AND CYTOLOGICAL REVISION OF THE GENUS FORMERLY TREATED AS NARDURUS REICHENB. (POEAE, POACEAE) IN IRAN

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خلاصه مقاله:

The taxonomic status of the two species previously treated as *Nardurus subulatus* (now *Lolium subulatum*) and *Nardurus maritimus* (now *Vulpia unilateralis*) are reviewed and improved according to the latest classifications for these taxa. A critical study of 30 herbarium specimens and 490 plant individuals collected all around Iran were studied based on the morphological and cytological characters. Cytological analysis showed that $2n = 2x = 14$ and all karyotype symmetry indices indicated symmetric karyotypes for both species with metacentric chromosomes. This is the first report on chromosome number of *Lolium subulatum*. Two species were clearly separated by morphological data and a close relationship between both species and two species of *Vulpia* (*V. persica* and *V. hirtiglomis*), used as controls, was observed. Regarding high similarity between *Lolium subulatum* and the species of *Vulpia* we propose .to transfer this species to the genus *Vulpia*

کلمات کلیدی:

Cytology, Iran, *Lolium*, *Nardurus*, Poaeae, Taxonomy, *Vulpia*

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