

عنوان مقاله:

Contribution to the knowledge of Entomobryomorpha (Hexapoda: Collembola) from Northeastern Iran with new records and a key to the species

محل انتشار:

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خلاصه مقاله:

View on Scopus Soil-dwelling Entomobryomorphan Collembola from the Northeast of Iran were sampled for the first time as part of a biodiversity surveying study with the aim of improving ecosystem conservation. Materials were obtained by sampling in three different ecosystems including forest, rangeland and agricultural fields between ۲۰۱۸ and ۲۰۱۹. The specimens were cleared using either Nesbitt's fluid or lactic acid and permanent microscopic slides were prepared using Hoyer's medium. As the result of this study, twenty-nine species belonging to twenty-two genera and five families of the order Entomobryomorpha were identified. Among them, two genera and eight species are recorded for the first time from Iran. The new records are *Desoria trispinata* (MacGillivray, ۱۸۹۶), *Drepanosira hussi* Neuherz, ۱۹۷۶, *Heteromurtrella* sp., *Orchesella flavescens* (Bourlet, ۱۸۳۹), *Willowsia bartkei* Stach, ۱۹۶۵, *Agrenia* sp., and *Isotomiella gracilimucronata* Rusek, ۱۹۸۱. Micrographs of their important features and a key to the species are also provided.

کلمات کلیدی:

checklist, agricultural species, forest species, soil fauna, springtails

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