

RECORDS OF ALIEN SPECIES OF ASTERACEAE IN EMIRATE FUJAIRAH (UNITED ARAB EMIRATES)

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During floristic research in 2017–2020 in the Emirate of Fujairah in the UAE, we made new findings that complement the species composition of the flora of vascular plants of the emirate and the UAE as a whole. The article contains data on alien vascular plants new to the flora of the emirate from the family Asteraceae collected in 2019–2020: *Calendula officinalis* L. (Al Dibba), *Cichorium endivia* L. (Al Wahlah), *Helianthus annuus* L. (in different parts of the emirate), *H. petiolaris* Nutt. (Al Dibba), *Parthenium hysterophorus* L. (Rul Dadhna, Al Dibba, Al Bidiya), *Pluchea dioscoridis* (L.) DC., *Pluchea sagittalis* (Lam.) Cabrera (Al Bidiya), *Sonchus arvensis* L. (Qidfa, Al Bidiya), *Sphagneticola trilobata* (L.) Pruski (Al Dibba, Al Fujairah, Al Bidiya – Fujairah Emirate, Khorfakkan – Sharjah Emirate), *Tagetes patula* L. (Al Dibba, Sharmens), *Tridax procumbens* L. (Al Dibba), *Tripleurospermum inodorum* (L.) Sch. Bip. (Bithna), *Youngia japonica* (L.) DC. (Al Bidiya, Al Dibba) and *Zinnia elegans* L. (Al Dibba). In addition, *Calendula officinalis*, *Helianthus petiolaris*, *Pluchea sagittata*, *Sonchus arvensis* s. str., *Tripleurospermum inodorum*, and *Youngia japonica* are also reported for the first time for Arabia as a whole. The herbarium specimens cited in the article are kept in the Herbarium of the Komarov Botanical Institute RAS (LE) and in the Scientific Herbarium of Fujairah (FSH). The newly recorded species were found far apart from the main range and in the conditions of all kinds of disturbed habitats – on vacant lots, abandoned and new lawns, in irrigation circles and along roadsides, we therefore regard them as alien. In Fujairah an important source of penetration of new alien species, apparently, is their use in culture, etc. The penetration of a large number of the alien species into the emirate has occurred in the last 10–15 years, as evidenced by the absence of these species in the “Flora UAE” (Karim, Fawzi, 2007).

Keywords: plant geography, floristics, Emirate of Fujairah, United Arab Emirates, alien species, new records

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