# A NEW RECORD FOR THE FLORA OF IRAN: MARRUBIUM DUABENSE MURATA (LAMIACEAE)

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*Marrubium duabense* Murata is recorded here for the first time from Iran. This species was known exclusively from Afghanistan; its recording from Iran shows that its distribution is extended to the west to Iran as well. With this record the number of *Marrubium* species in Iran counts to 11.

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گزارش جدیدی برای فلور ایران: (Marrubium duabense Murata (Lamiaceae)

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Marrubium duabense Murata برای اولین بار از ایران گزارش می شود. این گونه در گزارشهای قبلی به طورانحصاری ازافغانستان گزارش شده بود. لذا گزارش وجود آن در ایران نشان دهنده گسترش محدوده آن به سمت غرب است. با این گزارش تعداد گونه های این جنس در ایران به ۱۱ می رسد.

#### Introduction

Marrubium L. (Lamiaceae) includes 30 species in the world (Mabberley 1997), with 12 species in Flora Iranica region, 10 occuring in Iran, M. procerum Bunge is the only endemic species in Iran (Seybold 1982). During floristic investigations in NE Iran, Saluk National Park, an interesting Marrubium specimen was collected. Based on Flora Iranica treatment for the genus (Seybold 1982), this specimen was determined as Marrubium duabense Murata and is recorded from Iran for the first time. The total number of species with this new record is now reached 11 species for the genus in Iran (Seybold 1982).

**Marrubium duabense** Murata, Acta Phytotax. Geobot. (Kyoto) 22: 23 (1966). -(Fig. 1).

A concise description for the species is as follows: Plant perennial, 50-60 cm high. Leaf ovate, acute; petiole 10-23 mm long; lamina 20-35 x 15-22 mm. Verticillasters 16-26-flowered, 18-24 mm in diameter. Bracteole subulate, 8-9 mm long, equal to the calyx.

Calyx tube 5-6.5 mm long; teeth 5, patent, ca. 3 mm long. Corolla white, 9-10 mm long.

Specimen seen. Iran: Northern Khorassan, Saluk National Park. Ahangaran mountain, 1950 m, 18.3.1987, A. Ezazi 5050. The herbarium specimen is deposited at FAR, Herbarium of Tarbiat Moallem University, Tehran, Iran.

General distribution of the species: SW, E, NE, and C of Afghanistan (Seybold 1982), NE of Iran.

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#### References

Seybold, S., 1982: *Marrubium* in K. H. Rechinger Flora Iranica no. 150: 88-108. -Akad. Druk.-u. Verl. Graz.

Mabberley, D. J. 1997: The Plant Book.- Cambridge.





Fig. 1. Marrubium duabense.