

# NEW SPECIES AND NEW RECORDS OF THE GENUS *ASTRAGALUS* (LEGUMINOSAE) FROM IRAN

**M. Ranjbar & A. A. Maassoumi**

Ranjbar, M. & Maassoumi, A. A. 1998 05 25: New species and new records of the genus *Astragalus* in Iran. -*Iran. Journ. Bot.* 7 (2): 235-238. Tehran.

The new species *Astragalus scapiger* (sect. *Onobrychoidei* DC.) is described from N E. of Iran, Golestan Park, three other species from the group with bifurcate hairs namely, *A. arguricus* Bge. *A. conspicuus* Boriss. and *A. ornithopodioides* Lam. are reported for the first time from Iran.

*Ali Asghar Maassoumi, Research Institute of Forests and Rangelands, P. O. Box 13185-116, Tehran, Iran. - Masoud Ranjbar, Department of Biology, Herbarium division, University of Bu-Ali Sina, P. O. Box 65155/111, Hamadan, Iran.*

گونه جدید و گزارشهای جدید از جنس گون *Astragalus* از ایران

مسعود رنجبر و علی اصغر معصومی

گونه جدید *A. scapiger* از بخش *Onobrychoidei* DC. از ایران (پارک گلستان) به عنوان گونه جدید معرفی می‌گردد. سه گونه دیگر به نامهای *A. arguricus*, subgen. *A. conspicuus*. *A. ornithopodioides* از گروه کرک‌های دوشاخه‌ای *Cercidothrix* متعلق به بخشهای *Onobrychoidei* و *Ornithopodium* به عنوان گزارش جدید از ایران معرفی می‌شوند.

## Introduction

Several taxonomical studies on the specific and sectional levels of the subgen. *Cercidothrix* Bge. have been started by the authors. In this paper a new species is described, three new records which were previously described from former Soviet Union and Caucasus are recorded from Azarbayejan. All the materials are preserved in the Central Herbarium of Iran (TARI).

## New species

***Astragalus scapiger*** Ranjbar & Maassoumi, **sp. nov.** e Sect. *Onobrychoidei* DC.

Perennis, caule ascendenti ca. 40 cm alto, caudice 3-4 cm longo. Stipulae membranaceae, 4.5 mm longae, linearo-lanceolatae, basi petiolo per 2 mm adnatae. Folia 4.5-6 cm longa, petiolo 1.5-2 cm longo; foliola 6-7 juga, 8-12 mm longa et 2-3 mm lata, utrinque dense albo appresse pilosa. Inflorescentiae oblongo-cylindricae,

densae, 12-22 florum; pedunculi foliis multo superantes ca. 20-24 cm longi. Bractae ca. 3-4 mm longae, linearo-lanceolatae, tubo dimidium attingentes. Calyx tubulosus, 8-9 mm longus et ca. 2 mm latus, dense appresse pilosus; dentibus linearo-filiformibus, ca. 3 mm longis. Corolla glabra, violacea. Vexillum 13-17 mm longum; lamina ovata, attenuata, 5-6 mm lata et 14-17 mm longa; ungue 5-6 mm longo. Alae ca. 12 mm longae; lamina oblonga, 5-6 mm longa et 1-1.5 mm lata, antice rotundata, basi auriculata, ca. 1 mm longa; ungue ca. 6-7 mm longo. Carina 10 mm longa; lamina late triangularis, ca. 4 mm longa et 2 mm lata; ungue ca. 4.5-5 mm longo. Ovarium sessile, dense pilosum, ca. 4 mm longum; stylus ca. 5 mm longus. Legumen subadpressissime pilosum, linearo-oblongum, apice mucronato-curvatum, ca. 6-8 mm longum et ca. 2 mm latum.

*Typus.* Gorgan: Park-e Golestan, Almeh, 1350-1700 m, 5. 6. 1987, V. Mozaffarian & Abouhamzeh 59065. (hol. TARI).



Fig. 1. *Astragalus scapiger* ( $\times 5.3$ ); flower and petals ( $\times 2$ ).

## New records

**1. *Astragalus conspicuus*** Boriss., Not. Syst. Inst. Acad. Sc. URSS. 10: 49 (1947).

Azərbayjan: Ca: 35 km Maku, 1900 m, 28. 6. 1978, Assadi and Mozaffarian 30070; Between Marand and Jolfa, Kimakidagh, 1200-1400 m, 27. 6. 1978, Assadi and Mozaffarian 29965.

**2. *Astragalus arguricus*** Bge., Mem. Acad. Imp. Sci. Saint Petersb. 15 (1): 181

(1869).

Azərbayjan: Ca. 20 km from Maku on the road to Bazargan, 1300 m, 28. 6. 1982, Salari and Akbarzadeh 4113; Ca. 50 km NW. Khoy, above Ghozelche, 2300 m, 26. 7. 1990, Assadi & Olfat 68728.

**3. *Astragalus ornithopodioides*** Lam., Encycl. Method: 312 (1789).

Azərbayjan: ca 30 km from Ardabil on the road to Meshkin-Shahr, 1400 m, 30. 5. 1978, Wendelbo & Assadi 27860.