

A NEW SPECIES OF THE GENUS ASTRAGALUS SECT. CAPRINI DC. FROM IRAN

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A new species of the genus *Astragalus* sect. *Caprini* DC. i. e., *A. shahsavarii* is described from Iran. The new species is compared with its relative *A. gypsaceus*.

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Key words. *Astragalus*, New species, *Caprini* DC., Iran.

گونه جدید گون از بخش *Caprini* از ایران

علی اصغر معصومی و دیتریش پودلش

در میان بخش‌های *Astragalus*، بخش *Caprini* یکی از بزرگترین بخش‌های جنس گون می‌باشد گونه *A. shahsavarii* به عنوان گونه جدید از بخش *Caprini* معرفی می‌شود. این گونه با نزدیکترین خویشاوند خود *A. gypsaceus* مقایسه شده است

Introduction

In the course of identification the unknown materials of the genus *Astragalus*, in June 2001 in the Central Herbarium of Iran (TARI), the new collection of Hamadan province was studied. Among interesting specimens, *A. shahsavarii* is recognized as a new species from sect. *Caprini*. The new species is described here and compared with its nearest relative, *A. gypsaceus* G. Beck.

***Astragalus shahsavarii* Maassoumi & Podl., sp. nov.** e sect. *Caprini* DC.

Similar to *A. gypsaceus* G. Beck, but it differs in following characters: hairs, subrigid, 2.5-3.5 mm long (not 1.5-2 mm); petiole lignose, hard, persistent (not flexible and deciduous); leaflets much bigger, 15-30 mm long (not 6-20 mm); pods elliptic, ca. 50 mm long and 20 mm wide (not 25-35 mm long and 11-15 mm wide).

Plantae acaules, ca. 14-27 cm altae, pilis subrigidis, ca. 2.5-3.5 mm longis obotectae. Stipulae membranaceae, ciliatae, ca. 15-20 mm longae, basi per 5-6 mm petiolo adanatae. Folia 11-27 cm longa, petiolis ca. 3-7 cm longis, indurescentibus et perdurantibus, sicut rhachides dense subrigida, patule hirsuta; foliola 6-8 juga, oblonga, 15-30 mm longa et 5-15 mm lata, obtusa, basi cunneata, supra glabra, ciliata, subtus dense longe patenter hirsuta. Infloresnetiae radicales, 2-4 florum, pedunculis 0.5-1 cm longis, dense hirsutis. Bractee lineares, 4-5 mm longae, pilosae;

pedicelli 4-5 mm longi. Calyx tubulosus, flavus, ca. 17-18 mm longus, dense hirsutus; dentibus 4-5 mm longis. Corolla flava, glabra. Vexillum ca. 32 mm longum; lamina obovato-oblonga, ca. 13 mm lata. Alae ca. 28 mm longae; laminae anguste ellipticae, ca. 10 mm longae, obtusae, basi auriculatae; auriculae 4 mm longae; unguis ca. 18 mm longi. Carina ca. 27 mm longa; lamina oblique elliptica, obtusa, ca. 11-12 mm longa, ungue lamina paulo longiore. Ovarium pilosum, basi leviter stipitatum, stylo substigmate glabro. Legumen ellipsoideum, ca. 5 cm longum et 2 cm latum, sessile, dense hirsutum; ventraliter leviter carinatum; dorsaliter leviter sulcatum, biloculare.

Typus. Hamadan: Kabudar Ahang, Gholi Abad, Gholi Abad mt. 1750 m, 14.5.2001, 35°, 14', 54'' N, 48°, 50', 21'' E, Maassoumi & Shahsavari 80703 (holotypus TARI; Iso. MSB).

Other specimens. Hamadan: 42 km on the Tehran road, 7 km on the road to Dagh Dash-abad village, Gholi Abad mnt. 1800-2100 m, 28.4.1998, Kalavandi & Gh. Najafi 3900 (TARI, Hamadan Research Center); Hamadan: 2 km to Razan, Khomaygan village, Agh Dash mt. 1730-1950 m, 18.5.1998, R. Kalvandi & K. Razaghi 3959 (TARI, Hamadan Research Center).

The new species named in the honour of Dr. A. Shahsavari, a specialist on the family of *Orchidaceae*.



Fig. 1. *Astragalus shahsavarii* ($\times 0.73$).