

NOTEWORTHY SPECIES OF THE GENUS ASTRAGALUS SECT. CAPRINI DC. FROM IRAN

A. A. Maassoumi

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Noteworthy species of the genus *Astragalus* sect. *Caprini* DC., i. e., *A. aliomranii* and *A. saremii* are described from Iran.

Ali Asghar Maassoumi, Research Institute of Forests and Rangelands, P. O. Box 13185-116, Tehran, Iran.

Key words. *Astragalus*, new species, Iran.

گونه های جالب توجه از جنس گون از بخش *Caprini* از ایران

علی اصغر معصومی

در میان ۱۱۳ گونه شناخته شده از بخش *Caprini* که یکی از بزرگترین بخش های جنس گون می باشد همچنان دو گونه *A. aliomranii* و *A. saremii* به عنوان گونه های جدید از این بخش معرفی می شوند. هر یک از گونه ها با نزدیکترین خویشاوندان خود مقایسه شده است.

Introduction

In the course of identification of the unknown materials of sect. *Caprini* DC., two new species; *A. aliomranii* and *A. saremii* were recognized. The new species are described here.

***Astragalus aliomranii* Maassoumi, sp. nov. e sect. *Caprini* DC.**

Similar to *A. brachystachys* DC., but differs from it in following characters: hairs short, 0.2-0.3 mm long (not 1 mm long); calyx teeth subulate, ca. 2.5-3 mm long (not 3-5 mm); pods with 3 mm long stipe ovoid, ca. 27 mm long (in *A. brachystachys* stipe longer, pods ellipsoid and 20-35 mm long).

Plantae caulescentes, ca. 30-35 cm altae. Caulis ca. 8-10 cm longus, pilis 0.2-0.3 mm longis dense patenter obtectis. Stipulae membranaceae, lanceolatae, ca. 10-13 mm longae, basi ca. 1 mm petiolo adnatae, inferiores glabrae, superiores pilosae vel ciliatae. Folia 20-27 cm longa, petiolis 3-6 cm longis; sicut rhachis dense brevissime subappresse vel patenter pilosis; foliola 8-10 juga, ovato-oblonga, ca. 10-25 mm longa et 8-15 mm lata, obtusa, utrinque dense appresse pilosa. Inflorescentiae radicales 4-7 florum, pedunculis ca. 5-9 cm longis, dense patenter pilosis; multiflorae. Bractae lineares, ca. 3-4 mm longae, pilosae; pedicelli 2-3 mm longi, pilosi, erecti vel deflexi. Calyx tubulosus, basi distincte gibbosus, 14-16 mm longis, dense longe pilosus; dentibus 2.5-3 mm longis, pilosis. Corolla flava, glabra. Vexillum ca. 32 mm longum; lamina obovata, ca. 13 mm lata, apice emarginata vel biloba. Alae 28 mm longae; laminae oblongae, ca. 14 mm longae, apice assymetrice emarginatae, basi auriculatae ca. 1.5 mm longae, unguibus laminis aequantibus. Carina ca. 21 mm longa; lamina oblique elliptica, ungue lamina duplo longiore. Ovarium pilosum, stipitatum, stipite ca. 3-4 mm longo. Legumen ovatum, ca. 27 mm

longum et 8 mm latum, basi stipite 3 mm longo suffultum, apice rostratum, rostro ca. 5-6 mm longo, dense longe inaequaliter patenter pilosum, ventro rotundatum, leviter carinatum, dorso appanato, leviter carinatum, incomplete biloculare.

Typus. Kordestan: Sardasht, ca. 4 km on the road to Piranshahr deviation, 1300 m, 11.5.2001, Maassoumi & Shahsavari 80657 (hol. TARI; iso. MSB).

The new species named in the honour of Dr. Aliomaran Motamed, Dr. of medicine, cardiologist.

***Astragalus saremii* Maassoumi, sp. nov. e sect. *Caprini* DC.**

New species is closely related to *A. ischredensis* Bunge and *A. Maassoumii* Podl. but is separable from both of them by the following characters: hairs short 0.2-0.3 mm long spreading; lower surface of leaflets densely covered by short hairs. In the two mentioned species hairs shorter and lower surface of leaflets pilose.

Plantae perennes, acaules, ca. 10-14 cm. altae, pilis densis, brevissimis, patentibus, 0.2-0.3 mm longis obtectae. Stipulae albob-membranaceae, ca. 10 mm longae, basi breviter petiolo adnatae, inter se liberae, sparse brevissime patenter pilosae vel glaberrimae, margine ciliatae. Folia 10-13 cm longa, petiolis 1-3 cm longis, sicut rhachides dense brevissime pilosis, pilis longis sparsis immixtis; foliola 9-11 juga, obovato-rotundata, orbicularia, appanata, basi leviter cordata, apice truncata vel emarginata, supra glabra, subtus dense brevissime patenter pilosa, 10-15 mm longa et 8-13 mm lata. Inflorescentiae radicales, 3-5 flori, pedunculis ca. 5-20 mm longis, dense brevissime patenter pilosis. Bractae lineare-lanceolatae, 5-7 mm longae, brevissime patenter pilosae; pedicelli 2-3 mm longi, erecti vel deflexi, dense patenter pilosi. Calyx tubulosus, basi distincte gibbosus, ca.



Fig. 1. *Astragalus aliomranii* ($\times 0.5$).



Fig. 2. *Astragalus saremii* (nat. size).

14-15 mm longus, dense patenter pilosus; dentibus subulatis ca. 2 mm longis. Corolla flava vel purpurea, glabra. Vexillum ca. 30 mm longum; lamina anguste elliptica, ca. 9.5 mm lata, apice leviter emarginata vel rotundata. Alae 27-28 mm longae; laminae anguste ellipticae, ca. 12 mm longae et 3 mm latae, basi ca. 2 mm auriculatae, ungue 16 mm longo. Carina 25 mm longa; lamina oblique elliptica, 8 mm longa, ungue 15-17 mm longo. Ovarium pilosum, stipitatum, stipite ca. 2 mm longo. Legumen (immaturum) oblongo-ellipticum, ca. 18 mm longum et 4-5 mm

latum, dense patenter pilosum, basi stipite ca. 3 mm longum suffultum; ventro carinatum, dorso rotundatum, breviter sulcatum, biloculare, valvis coriaceis, manifeste rugulosis.

Typus. Lorestan: Cham Sangar railway station, Margesar to Sarkul river, around Sorkhabad village, 1000-1870 m, 6.5.1997, Mozaffarian 77193 (hol. TARI).

The new species named in the honour of prof. Dr. A. Saremi, prof. of medicine, gastroenterologist.