

## A NEW ISOLATED SPECIES OF ASTRAGALUS SECT. CAPRINI (FABACEAE) FROM KHORASSAN

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A. new isolated species of *Astragalus*, sect. *Caprini* (Fabaceae) from Khorassan, *A. zangoonianus* is described as new from E. Iran, Khorassan province.

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یک گونه جدید منفک گون از بخش *Caprini* از خراسان

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در میان گونه‌های شناخته شده فراوان متعلق به بخش *Caprini* از استان خراسان، گونه *A. zangoonianus* به عنوان یک گونه جدید منفک از شرق ایران، استان خراسان شرح داده می‌شود.

## Introduction

In the course of identification of unnamed material, for preparation of the second version of the genus *Astragalus* in the form of Flora of Iran, *Astragalus zangoonianus* was recognized as a distinct isolated new species from sect. *Caprini*.

***Astragalus zangoonianus*** Maassoumi, Safavi & Naseh, *sp. nov.* e sect. *Caprini*.

Similar to *A. remotijugus* Boiss. & Hohen., but it differs in having the violet calyx (not yellow); standard deeply violet (not yellow), limb of keel with minute teeth, pods at the base with a long stipe ca. 5 mm long (not sessile).

Planta perennis, acaulis, ca. 15-25 cm alta, glaberrima. Stipulae ovato-lanceolatae, ca. 15 mm longae, glabrae, basi ca. 5 mm petiolo adnatae, inter se liberae. Folia 15-25 cm longa, petiolo ca. 4-8 cm longo; foliola 6-8 juga, remota, obovata ad orbicularia, apice retusa vel emarginata, raro obtusa. Inflorescentiae pedunculatae, pedunculis ca. 6-7 cm longis, 3-4 (-6) florum. Calyx tubulosus, purpureus, ca. 15-17 mm longus, basi distincte gibbosus, dentibus linearo-

lancolatis, ca. 5 mm longis. Corolla intense violacea. Vexillum ca. 20-22 mm longum et 10 mm latum; lamina oblongo-elliptica, antice rotundata. Alae ca. 20 mm longae; laminae ellipticae, apicem versus leviter dilatatae, basi auriculatae, auriculae ca. 4 mm longae. Carina ca. 16 mm longa; lamina curvato-triangularis, in margine superiore denticulis minutis provisa. Ovarium glabrum, basi stipite 6-7 mm longo suffultum, stylo sub stigmatate glabro. Legumen basi stipite ca. 8 mm longo suffultum, cum stipe ca. 4 cm longum, ca. 1 cm latum, dorso-ventro applanatum, biloculare.

*Holotypus.* Khorassan, Kashmar to Neyshabur, ca. 55 km from Kashmar, 1850 m, 11. 5. 1991, Joharchi & Zangooei 20083 (TARI; Iso.: Herbarium of Ferdousi University, Mashhad). *Paratypus.* Khorassan, Torbat-e Heidariyeh, Kuhay-e Khargh, 1750-2200 m, 2.4.1994, Paryab & Mossavi 3050 (Research Centre of Khorassan).

Species named in the honour of Mr. Zangooei, collector of the University Research Center.