

A NEW SPECIES OF ASTRAGALUS L. SECT. CARAGANELLA (PAPILIONACEAE) FROM IRAN

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Astragalus memoriosus from the section *Caraganella* is described as a new species. The new species within the section *Caraganella* is characterized by having a tall habit ca. 100 cm, long peduncle and silvery stem.

A. memoriosus differs from its relative *A. reshadianus* in following characters: peduncle long, inflorescence ca. 8-12 cm long (not 1.5-2 cm), calyx covered with appressed black and white hairs (not only white hairs) and pod glabrous (not hairy).

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گونه جدیدی از جنس گون (*Astragalus* L.) در ایران

منیژه پاکروان ، یاسمین ناصح و علی اصغر معصومی

گونه *Astragalus memoriosus* از بخش *Caraganella* به عنوان گونه جدیدی معرفی و شرح داده می شود. از ویژگیهای این گونه در بخش، بلندی آن به طول حدود ۱۰۰ سانتی متر، بلندی پایک گل آذین و ساقه های نقره‌ای رنگ است. گونه مذکور با داشتن اختصاصات زیر از گونه نزدیک خود *A. reshadianus* تشخیص داده میشود. طول پایک گل آذین بلند، خوشه به طول ۸ تا ۱۲ سانتی متر (نه ۱/۵ تا ۲ سانتی متر)، کاسه گل پوشیده از کرکهای سیاه و سفید خوابیده (نه کرک سفید تنها) و نیام بدون کرک (نه کرکی).

Introduction

During our botanical excursion to the eastern part of the Caspian area, Golestan Wildlife Park for the studies on a group of *Astragalus* with bifurcate hairs, several specimens were studied, in this work a new species is described. Affinity and the description of the new species is given. All materials are preserved in the Central Herbarium of Iran (TARI).

Astragalus memoriosus Pakravan, Nasseh & Maassoumi, **sp. nov.** e sect. *Caraganella*

Frutex ad 1 m altus, multicaulis, lignescens, caules bifurcati, rami longistrorsum sulcati, hornotini pilis bifidis appressissimis dense dispositis, canescentibus. Stipulae triangulares inter se liberae sed petilo brevissime adnatae. Folia paripinnata, 3-4 cm longa, persistentia, petiolis \pm sulcatis, pilis bifidis appressissimis, albis, ad 2-8 mm longis; foliola 5-7 juga, elliptico-ovata, \pm cordata basi cuneata, apice biloba, 7-11 mm longa, 3-6 mm lata, utrinque setulis albis bicuspidatis appressis canis, supra laxissime, subtus juvenilia dense pilis obsita; pedunculus cum racemo 12-20 cm longa, tenuis, stricte erectus, folio multo longiora, pilis bifidis appressis laxiuscule

obsitis. Inflorescentiae in axillis foliorum racemosae, 8-12 cm longae, 8-15 flori. Bractee persistentes, brevissime triangulares, 0.7-1 mm longae, \pm herbaceae dense albo pilosae. Pedicelli 2.5-3 mm longi, pilis bifidis, nigris, laxe appressis. Calyx 5-7 mm longus, campanulatus; dentibus brevissime triangularibus, aquilongis, 1 mm longis. Corolla in sicco flavida; vexillo calyce triplo longioribus, 16 mm longo, 11 mm lato; lamina orbiculares, breviter unguiculata, ungue 3 mm longo, apicem bilobata, glabra. Carina 11 mm longa; lamina 4 mm lata, 10 mm longa. ovato-triangularis, apice acuta, ungue 4 mm longo. Stamina 15 mm longa, vexillio carina et aliis omnino libero. Ovarium lineare, longe stipitatum, stipite 5 mm longo; stylus 4 mm longus; stigma punctiforme. Legumen longe stipitatum, 3-3.5 cm longum, ad 7 mm latum, elliptico-lanceolatum, basi attenuatum, a latero comperssum, linea ventrale et dorsale recte carinatum, stipite 5 mm longo. Semina 1-6, elliptica, lateraliter compressa, ca. 3.5 x 2 mm, olivacea, glabra.

Typus. Gorgan: Golestan Forest, Cheshmeh-Khan, 1000 m, 25.7.1994. Maassoumi, Pakravan & Nasseh 72314

(hol. TARI).

The new species within the sect. *Caraganella* is distinguished with the tall habit ca. 100 cm, long peduncle and silvery stem. It differs from *A. reshadianus* Podl. in

having long pedunculate inflorescence, ca. 8-12 cm long raceme (not 1.5-2 cm), the calyx with appressed black and white hairs (not only white hairs), and glabrous pod (not pilose).