

CICER BIJUGUM RECH. F. (PAPILIONACEAE), A NEW RECORD IN IRAN

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Jalilian, N., 2001 12 15: *Cicer bijugum* Rech. f. (*Papilionaceae*), A new Record in Iran. -*Iran. Journ. Bot.* 9 (1): 89-91. Tehran.

Cicer bijugum collected in Kermanshah province is reported for the first time from Iran. It is easily distinguished from *C. arietinum* by having tuberculate-echinulate seeds.

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Key words. *Papilionaceae*, *Cicer*, Iran, new record.

گزارش *Cicer bijugum* به عنوان گونه ای جدید برای ایران

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گونه *Cicer bijugum* از استان کرمانشاه، منطقه گهواره جمع‌آوری شده که اولین جمع‌آوری از ایران می باشد و از آنجاییکه این نمونه بعد از اتمام نگارش فلور ایران، جنس *Cicer* پیدا شده، علاوه بر اختلافات این گونه با گونه نزدیکش *Cicer arietinum*، شرح کامل گونه نیز در این مقاله آورده می‌شود.

Introduction

Cicer bijugum was collected from chickpea fields in Kermanshah province is close to *Cicer arietinum* (chickpea). This collection is after the publication of Flora of Iran (Jalilian 2000), therefore it is reported separately.

Cicer bijugum Rech. f.

Kermanshah: The road of Islam Abad to Gahvareh, 5 km E. of Chengor village, 1880 m, Mirachory & Karami 6430; the same place, 1880 m, Jalilian, Neamati & Qaderi 6431.

Annual, covered by dense long glandular and eglandular hairs, prostrate or seldom erect, branched from the base. Stem 14-30 cm high. Leaves with (3-) 5-7 leaflets, imparipinnate; leaflets oblong-obovate, 5-16 mm long, 2-9 mm wide, at the base cuneate; margin dentate except near the base, rounded at the top; teeth triangular. Stipule in lower part of the plant flabellate, with 3-5 teeth and in the upper part ovate-lanceolate, 2-5 mm long. Flowers in single flowered axillary racemes; peduncle 3-7 mm long, ending in a small arista to 2.5 mm

long, pedicels 5-8 mm long. Calyx slightly gibbous at the base; tube 1.5-2.5 mm long; teeth 3-5.5 mm long. Corolla veined, pink to violet, tip of keel tube 1.5-2.5 mm long, violet; vexillum broadly obovate or nearly circular, 8-9 mm long and 8.5-10 mm wide, emarginate at the top; wings obovate, 6.5 mm long, 2.5 mm wide, at the base auriculate; carina rhomboid, 6 mm long, 2 mm wide. Ovary ovoid; ovules 2. Pod elliptic, 12-17 mm long, 7-9 mm wide; seed 1, subglobular, 6-7 mm long, 4.5-5.5 mm wide, brown with black spot, densely tuberculate-echinulate; spines 0.5 mm long; viscous.

This species seems to be related to *Cicer arietinum* but differs from it in having prostrate habitat (not erect), stem up to 30 cm long (not up to 1 m); leaflets up to 7 (not up to 15), seeds densely tuberculate-echinulate (not smooth or wrinkled).

Reference

Jalilian, N. 2000: *Cicer* in M. Assadi et al. Flora of Iran, no 33: 4-24. -Tehran.

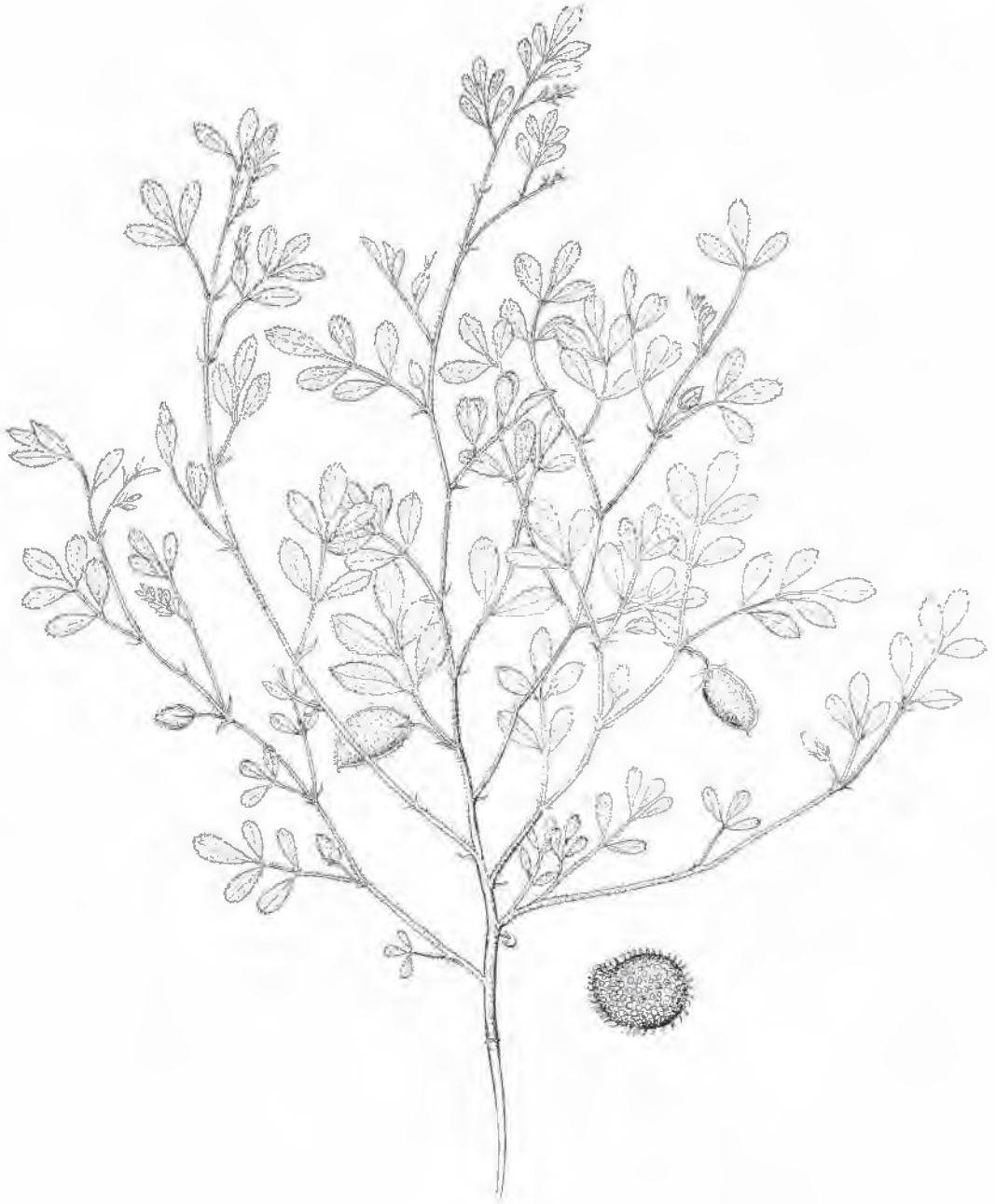


Fig. 1. *Cicer bijugum* ($\times 0.6$); seed ($\times 1.8$).