

## SOME NEW PLANT RECORDS FROM IRAN

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*Delphinium venulosum* Boiss., *Stachys melampyroides* Hand.-Mzt., *Schoenoplectus bucharicus* (Roshev.) Grossh., *Carlina kurdica* Meusel & Kastner and *Helianthemum ledifolium* (L.) Miller var. *lasiocarpum* (Willk.) Boiss. are reported for the first time as new records from Iran.

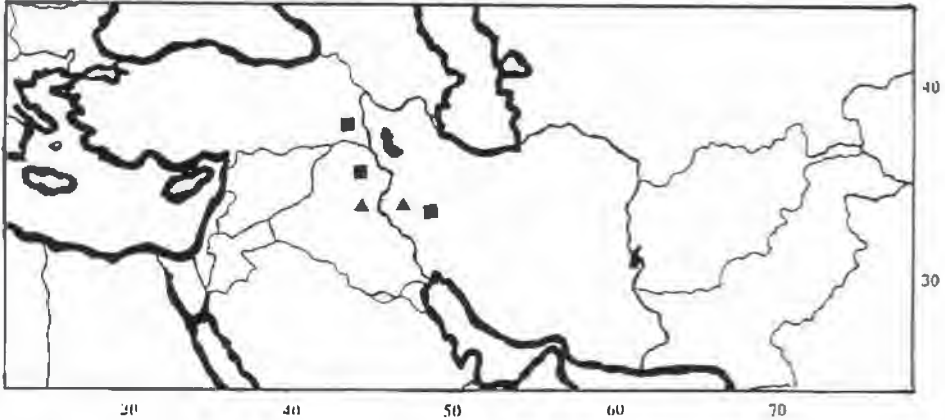
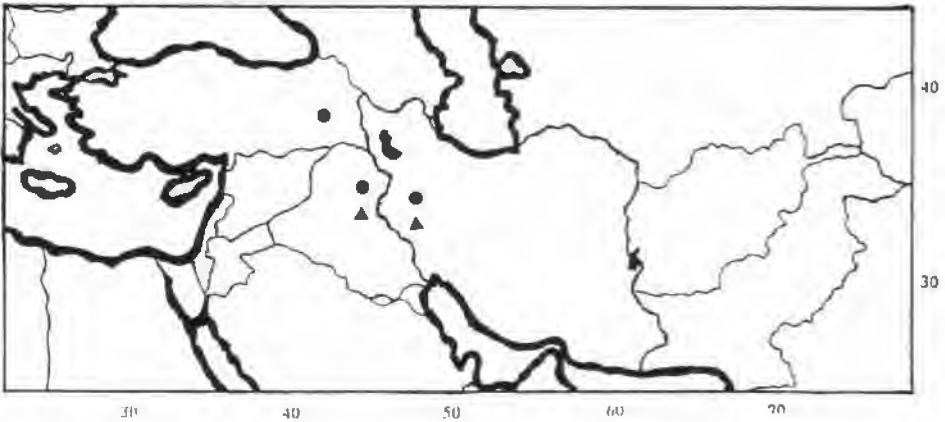
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*Key words.* Iran, new plants.

غلامحسین ویس کرمی و احمد قهرمان

چند رکورد جدید و جالب از ایران

گونه های *Delphinium venulosum* Boiss. از تیره آلاله، *Stachys melampyroides* Hand.-Mzt. از تیره نعنای، *Schoenoplectus bucharicus* (Roshev.) Grossh. از تیره کاسنی و *Carlina kurdica* Meusel & Kastner، *Helianthemum ledifolium* (L.) Miller var. *lasiocarpum* (Willk.) Boiss. از تیره سیستاسه برای اولین بار به عنوان رکوردهای جدید از ایران گزارش می شوند.

Map 1. *Delphinium venulosum* ■ ; *Stachys melampyroides* ▲Map 2. *Carlina kurdica* ● ; *Helianthemum ledifolium* var. *lasiocarpum* ▲

## Introduction

In a floristic study in Lurestan province, Kuh-e Sefid region for the preparation of M. S. thesis, some new plant records to Iran were found. This paper reports the new records, their distribution are mentioned and they are partly compared with closed affinities.

### *Delphinium venulosum* Boiss. (Ranunculaceae)

Khorramabad: Veissian, 1100 m, Veiskarami, 24199 -TUH.

*Delphinium venulosum* was formerly known from Iraq and Turkey (Iranshahr 1992). It is close to *D. peregrinum* L. They differ in the shape of the limbs of lower petals.

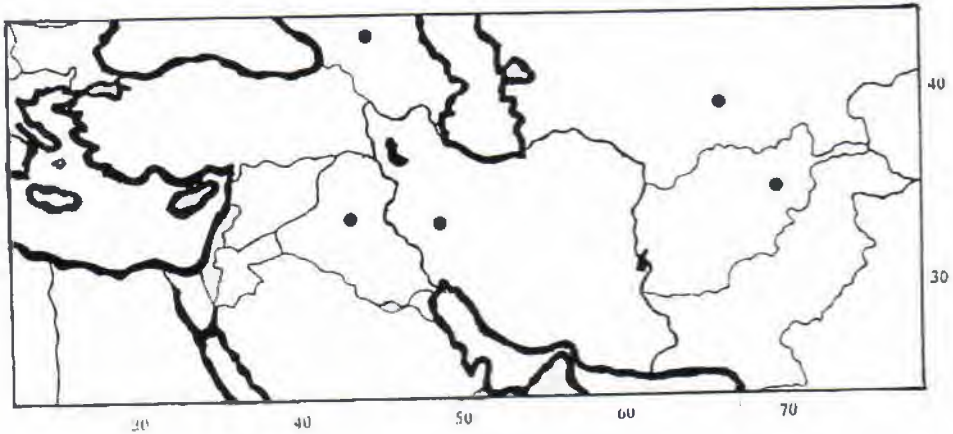
### *Stachys melampyroides* Hand.-Mzt. (Lamiaceae)

Khorramabad: Veissian, Chal-e Ahmad, 1300 m, Veiskarami, 23907-TUH.

This species was formerly known as an endemic of Iraq. Its distribution extends to Iran as well.



Fig. 1. *Delphinium venulosum*; a. habit (x 0.6); b. lower petal (x2).

Map 3. *Schoenoplectus bucharicus* ●

***Schoenoplectus bucharicus* (Roshev.)  
Grossh. (Cyperaceae)**

Khorrarnabad: Veissian, Cham Divan rice fields, 1000 m, Veiskarami, 24049 –TUH.

This species was previously mentioned from Caucasus, Iraq, Afghanistan and Tajikistan. It is close to *Sch. lupulinus* (Nees.) V. Krecz. Both species are found not far from each other in rice fields.

***Carlina kurdica* Meusel & Kastner  
(Asteraceae)**

Khorrarnabad: Veissian, Sabzevar, 1000 m, Veiskarami, 24114- TUH.

The genus *Carlina* was known from Iran by only one species *C. vulgaris* L., *C. kurdica* is, therefore a new record to Iran. It was formerly known only from Iraq. *C. kurdica* is a

perennial plant, but *C. vulgaris* is an annual. They also differ in shape of leaves, marginal spines and also the color of involucre.

***Helianthemum ledifolium* (L.) Miller var.  
*lasiocarpum* (Willk.) Boiss. (Cistaceae)**

Khorrarnabad: Veissian, Chal-e Ahmad, 1300 m, Veiskarami, 23643 – TUH.

*Helianthemum ledifolium* includes several varieties in the world, now, 3 varieties, i. e. var. *ledifolium* var. *microcarpum* Willk. and var. *lasiocarpum* (Willk.) Boiss. are known in Iran.

**Reference**

Iranshahr, M. 1992: Delphinium in K. H. Rechinger (ed.) Flora Iranica no. 171: 44-89. –Graz.



Figs. 2 & 3. -2. *Stachys melampyroides* (left), a. habit (x 0.7); b. calyx (x5). -3. *Carlina kurdica* (right) (x 0.6).

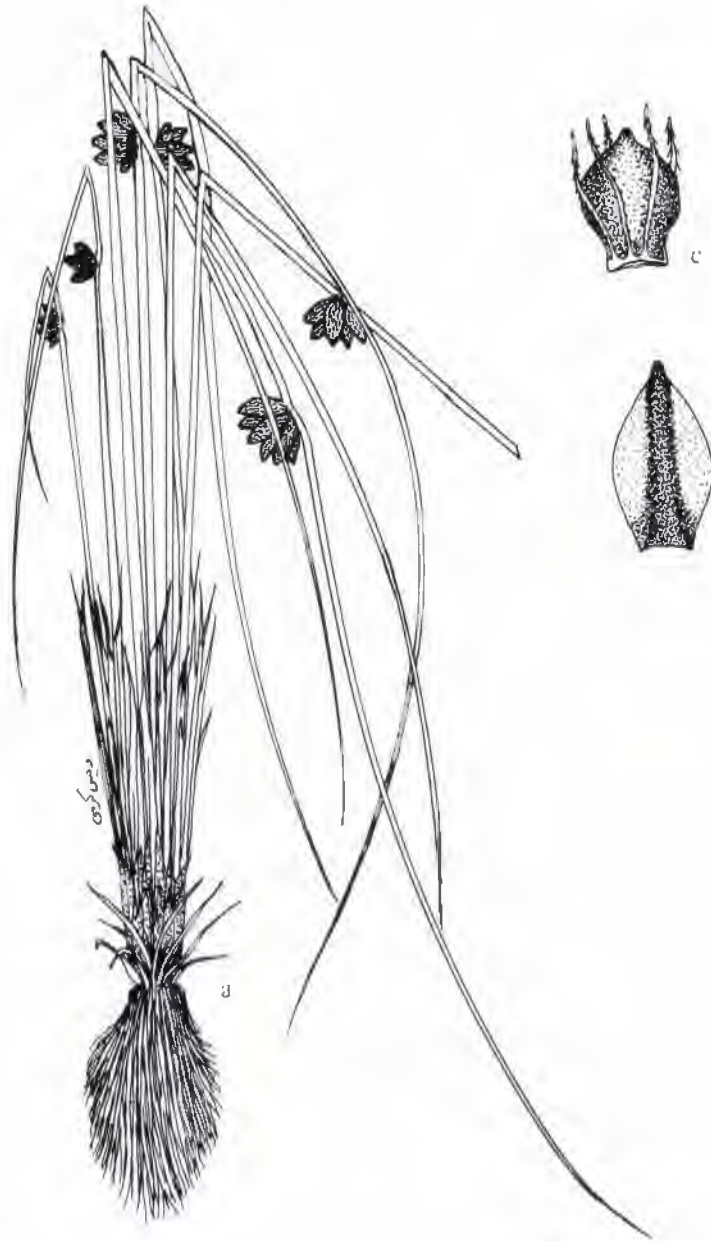


Fig. 4: *Schoenoplectus bucharicus*; a. habit (x 0.6); b. glume (x 10); c. fruit & perianth bristle (x 10).