

## A NEW RECORD, GALATELLA LITVINOVII (ASTERACEAE) FROM IRAN, N KHORASSAN PROVINCE

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For the genus *Galatella* Cass. only one species (*G. punctata*) was reported from NW Iran (Eastern Azerbaijan province) in Flora Iranica treatment based on three specimens. *Galatella litvinovii* Novopokr. is recorded here from Iran (N. Khorassan province) for the first time. The species was formerly endemic for the Central Asia (Turkmenistan and Kirgizstan).

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**Key words.** *Galatella*, *G. litvinovii*, Iran, Khorassan province, new record.

مرجانه آیدانی، محمدرضا جوهرچی و فرخ قهرمانی نژاد

گزارش جدید گونه *Galatella litvinovii* از ایران. استان خراسان شمالی

برای جنس *Galatella* Cass. تنها یک گونه (*G. punctata*) بر اساس ۳ نمونه در شمال غرب ایران (استان آذربایجان شرقی) در فلور ایرانیکا گزارش شده است. در این مقاله گونه *Galatella litvinovii* Novopokr. برای اولین بار از ایران (شمال استان خراسان) گزارش می شود. این گونه قبلاً انحصاری آسیای مرکزی (ترکمنستان و قرقیزستان) بوده است.

### Introduction

The genus *Galatella* Cass., with a distribution range from South and Central Europe to considerable parts of Asia (Shishkin 1959) consists only one species in Flora Iranica treatment (Grierson & Rechinger 1982), *G. punctata* (Waldst. & Kit.) Nees, distributed in W Iran. This species was recorded only from three localities in eastern Azerbaijan province, Iran. The species is widely distributed from Central Europe to W Iran.

During studies on the flora of Darkesh area and around it, in N. Khorassan province we found some specimens of the genus *Galatella* that were different from *G. punctata*. The specimens belong to *Galatella litvinovii* Novopokr. This species was distributed exclusively in Central Asia, Turkmenistan and Kirgizstan (Shishkin 1959). Therefore our specimens increase range of distribution of Iran.

***Galatella litvinovii*** Novopokr. in Tr. Bot. Inst. AN SSSR, ser. 1, 7 (1948) 130. Fig. 1, 2.

*Specimens seen.* Iran, Khorassan province: Bojnord, between Darkesh and Havar, 1500 m, 28.09.2004, Joharchi & Aydani 35738 (FUMH, FAR).

Perennial, 30-100 cm high. Stem solitary or numerous, erect. Leaves oblong to linear-lanceolate, to 8 cm long. Heads in slightly loose, rarely rather dense, with 14-20 florets, 8-10 mm long. Involucres obconical; bracts light-yellowish-green with darker greenish middle nerve, dorsally subglabrous. Ligulate florets 4-8 in number. Achene 3-4 mm long. Pappus 6-7 mm long.

### An identification key of the genus *Galatella* in Iran

1. The inner most involucre bracts attenuate-acuminate at apex, pappus 6-7 mm long, ligulate florets light pinkish-violet (NE. Iran)..... ***Galatella litvinovii***  
+ The inner most involucre bracts blunt or obtuse at apex, pappus 4.5-6 mm long, ligulate florets pinkish-violet (NW. Iran) ..... ***Galatella punctata***

### References

- Grierson, A. J. C., & Rechinger, K. H. 1982: Compositae V: Astereae. – In: RECHINGER K.H. (ed.): Flora Iranica, no. 154. – Graz: Akademische Druck- und Verlagsanstalt.
- Shishkin, B. K. 1959: Compositae- In Komarov, V. L. (ed.) Flora SSSR vol. 25, Moskva & Leningrad.



Fig. 1. *Galatella litvinovii*.