

**ROSULARIA SUBSPICATA (FREYN & SINT.)
BORISS. (CRASSULACEAE), A NEW FOR THE
FLORA OF IRAN**

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Rosularia subspicata collected in Gorgan and Khorassan provinces is reported as a new record to Iran. Differences of it with close species is discussed.

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Key words. Rosularia, Crassulaceae, Iran.

گزارش *Rosularia subspicata* به عنوان گونه‌ای جدید برای ایران

خدیجه اخیانی

گونه *Rosularia subspicata* که از استانهای خراسان و گرگان جمع‌آوری گردیده به‌عنوان گزارش جدیدی برای فلور ایران ذکر می‌گردد. این گونه در بین سایر گونه‌های شناخته شده جنس برای ایران با داشتن گل آذین سنبله مانند و یا خوشه‌ای باریک پوشیده از کرکهای غده‌ای مشخص می‌گردد. نزدیکترین گونه به گونه مذکور *R. paniculata* است که دارای گل آذین خوشه‌ای پهن و کاملاً بدون کرک است.

Introduction

Among the species of the genus *Rosularia* (Revising the *Crassulaceae* family), *Rosularia subspicata* is reported as a new record for the flora of Iran.

Rosularia subspicata (Freyn & Sint.)
Boriss.

Gorgan: E. of Chaman Bid, 1100 m, Wendelbo & Cobham 14362 (det. Wendelbo).- Khorassan: 45 km N. of Mashhad, 1800 m, Assadi & Maassoumi 21375; Esfarayen, Shahjahan mt., close to the Noushirvan village, 1400-2500 m, Mozaffarian 48984.

Rosularia subspicata was described from the Kopet Dagh range in the vicinity of Soluklu as *Umbilicus subspicatus* Freyn & Sint. It was later transferred to the genus *Rosularia* by A. G. Borisova (1939 p. 124). The species was included in *Flora Iranica* (Jansson 1970) but without any locality from Iran. Therefore, it is a new report for the flora of Iran. Distribution of the species extends from NE. Iran to adjacent parts in Turkomania and Pamir-Alaj. The new record is closely related to *R. paniculata* (Rgl. & Schamlah.) Berger, but differs from it in having narrow paniculate or spiciform inflorescence, glandulose

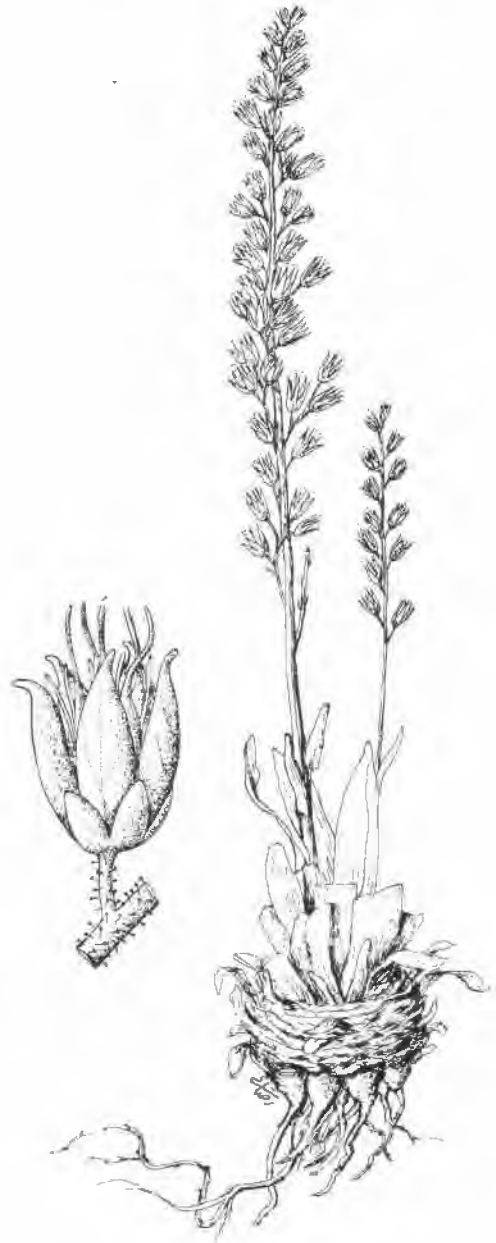


Fig. 1. *Rosularia subspicata* (x0.8); flower (x8).

stem and inflorescence, ciliate leaves and longer calyx ca. 3 mm long. In *R. paniculata* inflorescence broadly paniculate, total plant glabrous and calyx shorter up to 2 mm long.

References

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