

TWO NEW RECORDS OF THE GENUS EUPHORBIA (EUPHORBIACEAE) FOR THE FLORA OF IRAN

Y. Nasseh, M. R. Joharchi & B. Zehzad

Nasseh, Y., Joharchi, M. R. & Zehzad, B. 2006 08 01: Two new records of the genus *Euphorbia* (Euphorbiaceae) for the flora of Iran. -Iran Journ. Bot. 12(1): 78-80: Tehran.

Two new records of the genus *Euphorbia* are reported for the first time for the Flora Iranica area and the flora of Iran. These species that were collected from N & NE-Iran are *E. maculata* and *E. consanguinea* respectively.

Yassamin Nasseh, Mohammad Reza Joharchi and Bahram Zehzad, Ferdowsi University of Mashhad Herbarium (FUMH), Mashhad, Iran.

Key words. *Euphorbia*, new records, Flora Iranica, Iran.

گزارش دو گونه جدید از جنس *Euphorbia* برای فلور ایران
یاسمین ناصح، محمدرضا جوهرچی و بهرام زهزاد

گونه‌های *Euphorbia maculata* و *E. consanguinea* که به ترتیب از شمال و شمال شرق ایران جمع‌آوری شده‌اند برای اولین بار از منطقه فلورا ایرانیکا و ایران گزارش می‌شوند.

Introduction

A taxonomic study of Iranian species of *Euphorbia* preserved in Ferdowsi University of Mashhad Herbarium (FUMH) revealed two new records namely *E. maculata* and *E. consanguinea*. In the present paper they are reported for the first time for the Flora Iranica area and Iran.

Euphorbia maculata L., fig. 1.

Mazandaran: Nowshahr Ecological Garden, -20m, Bazghandi, 34394B.

This species has not been reported from Flora Iranica area. (Rechinger & Schiman-Czeika 1964) In Flora USSR (Hill 1949) has been reported from Caucasus and in this paper is reported for the first time for the Flora Iranica area and the flora of Iran. *E. maculata* is similar to *E. granulata* but its leaves are longer and have a purple-brown central blotch.

Euphorbia consanguinea Schrenk, fig. 2.

Khorassan: Sarakhs, Doulat-Abad, 300m, Joharchi, 19195.

In flora Iranica *E. consanguinea* is reported from Afghanistan and Songaria and it is a new record for the flora of Iran. This species is similar to *E. inderiensis* Less. (probably correct name for this species is *E. pygmaea* Fisch & Mey.), but its seeds are without caruncle.

Acknowledgment

We wish to thank Mrs. N. Karim-Zadeh for drawing the illustrations.

References

- Hill, St., 1949: Euphorbiaceae in V. L. Komarov, Flora USSR vol. 14. Moskva & Leningrad.
Rechinger, K. H. & Schiman-Czeika, H., 1963: Euphorbiaceae in Flora Iranica no. 6.- Graz.

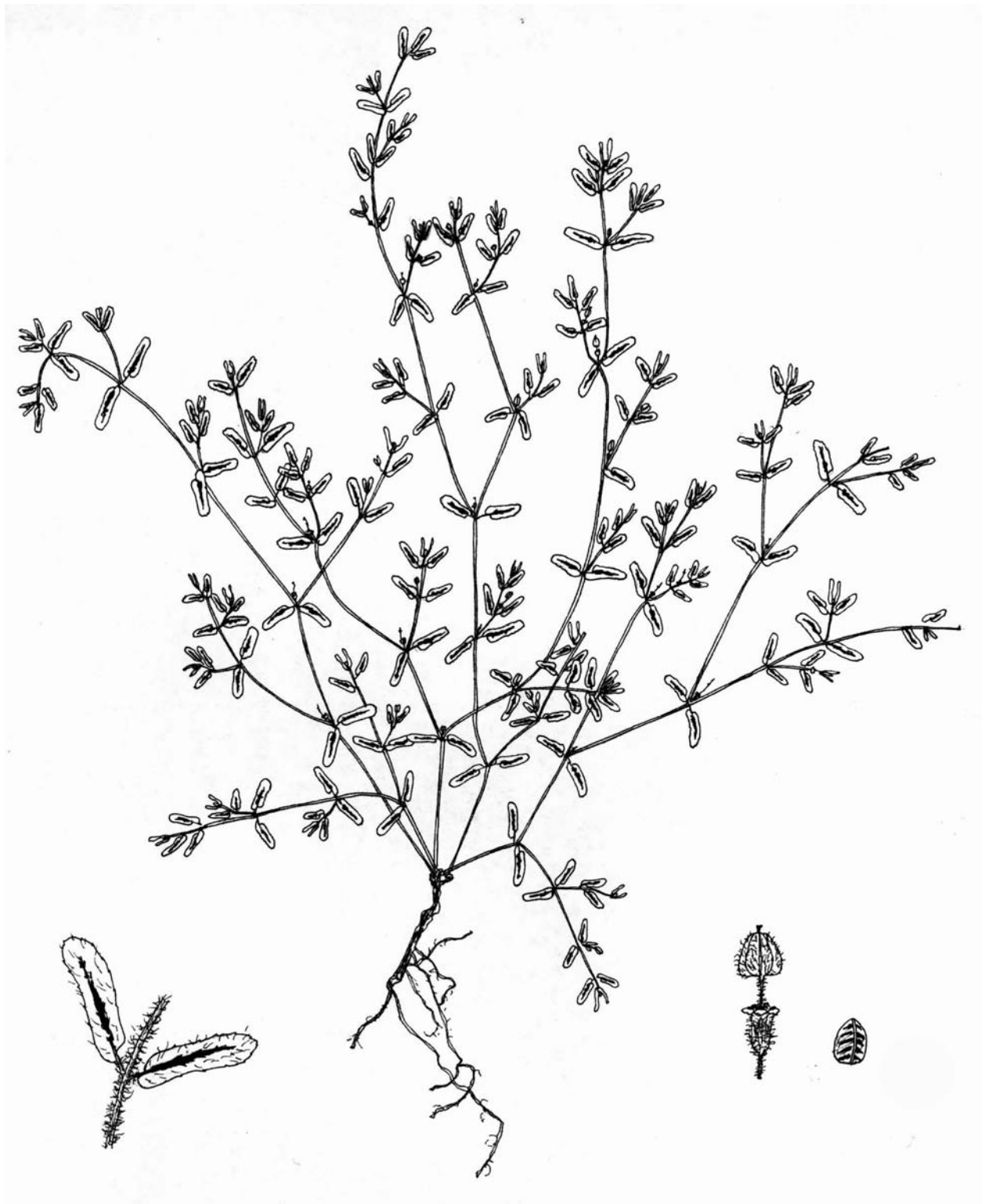


Fig. 1. *Euphorbia maculata* (x1); leaves (x 3.5); fruit (x10); seed (x13).

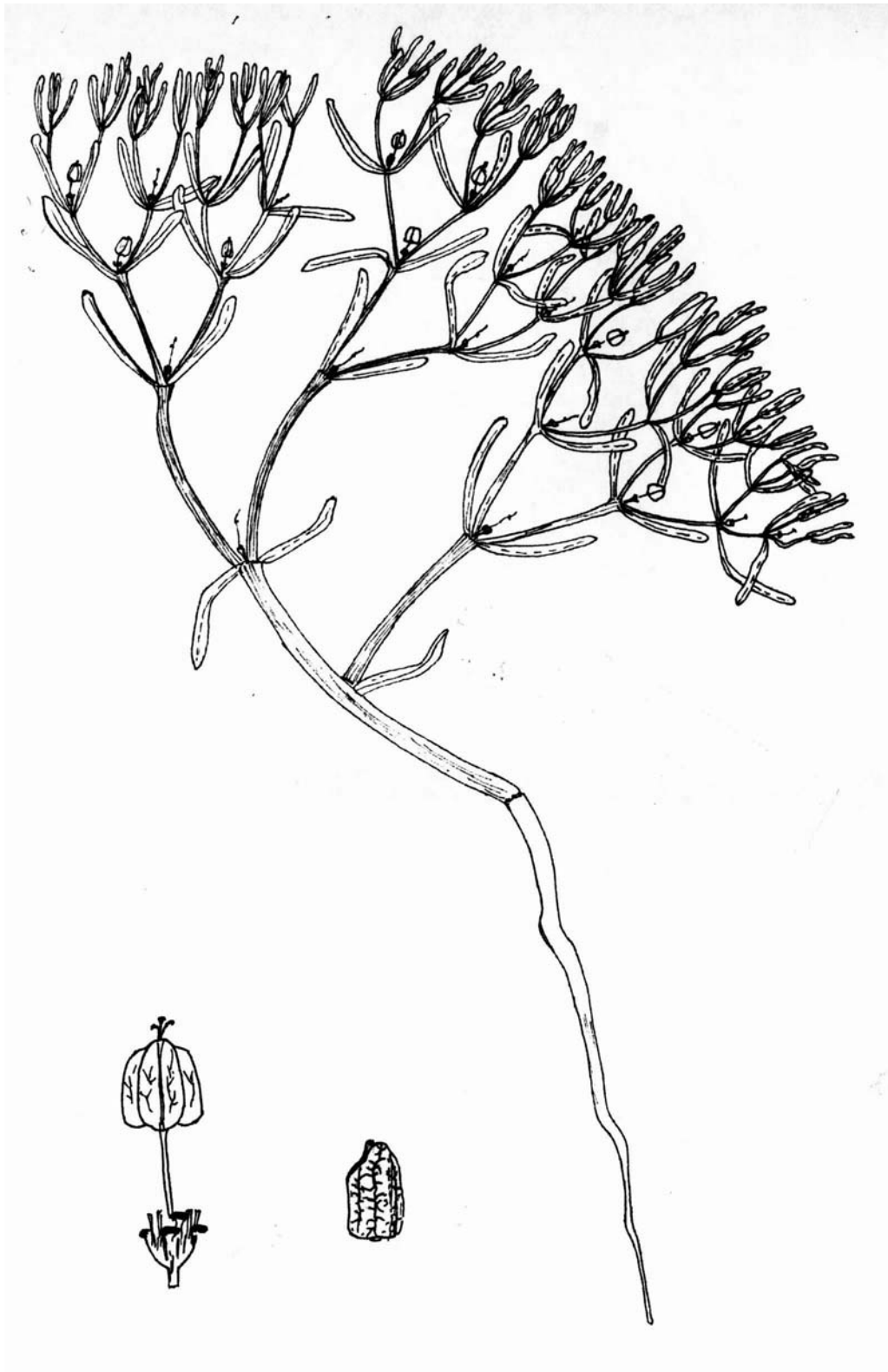


Fig. 2. *Euphorbia consanguinea* (x1); fruit and seed (x7).