

NEW RECORDS OF CUSCUTA (CUSCUTACEAE) FROM IRAN

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Cuscuta campestris Yunck. and *C. lehmanniana* Bge. are reported as new to the flora of Iran. A new gathering of *C. haussknechtii* Yunck., previously only known from the type locality, is reported.

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گزارشات جدید جنس *Cuscuta* (*Cuscutaceae*) از ایران
از: ایرانشهر

C. lehmanniana Bge. و *Cuscuta campestris* Yunck .

بعنوان جدید برای فلور ایران گزارش داده میشوند . جمع‌آوری جدیدی از گونه
C. haussknechtii Yunck . که قبلاً " فقط از رویشگاه اولیه شناخته شده
بود، ذکر میگردد .

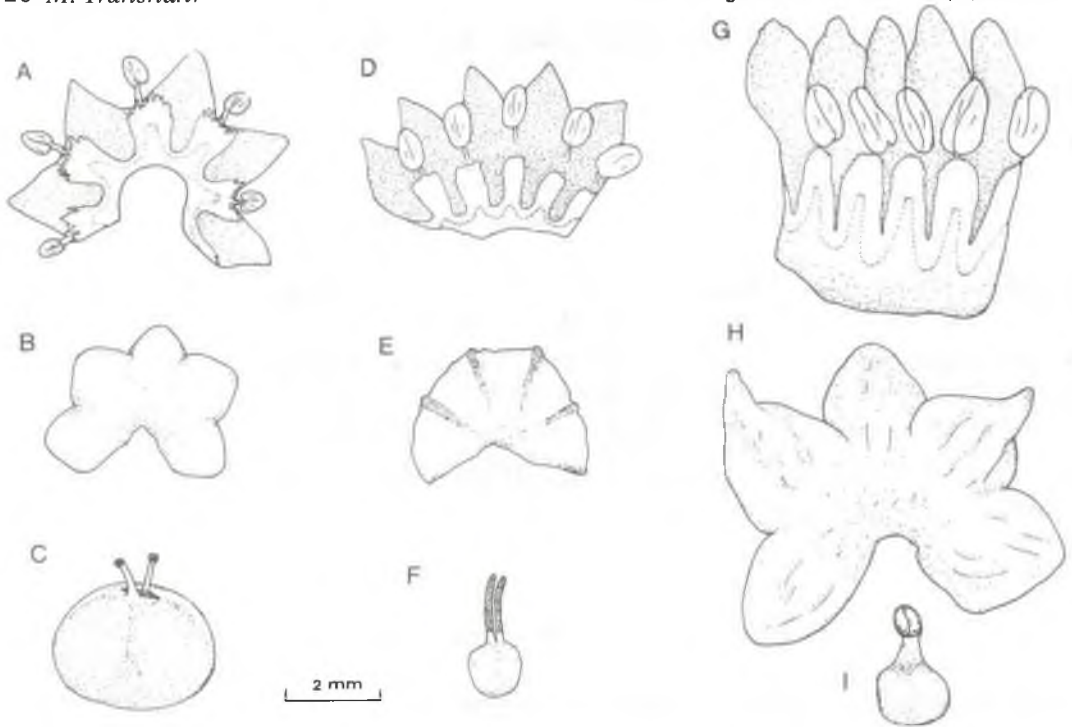


Fig. 1. A—C. *Cuscuta campestris* (Assadi & Amini 13570). — D— F. *C. haussknechtii* (Rechinger 47698). — G— I. *C. lehmanniana* (Koelz 13076, Afghanistan). A, D, G. Corolla, split open. — B, E, H. Calyx, split open. C. Capsule. — F, I. Pitsil.

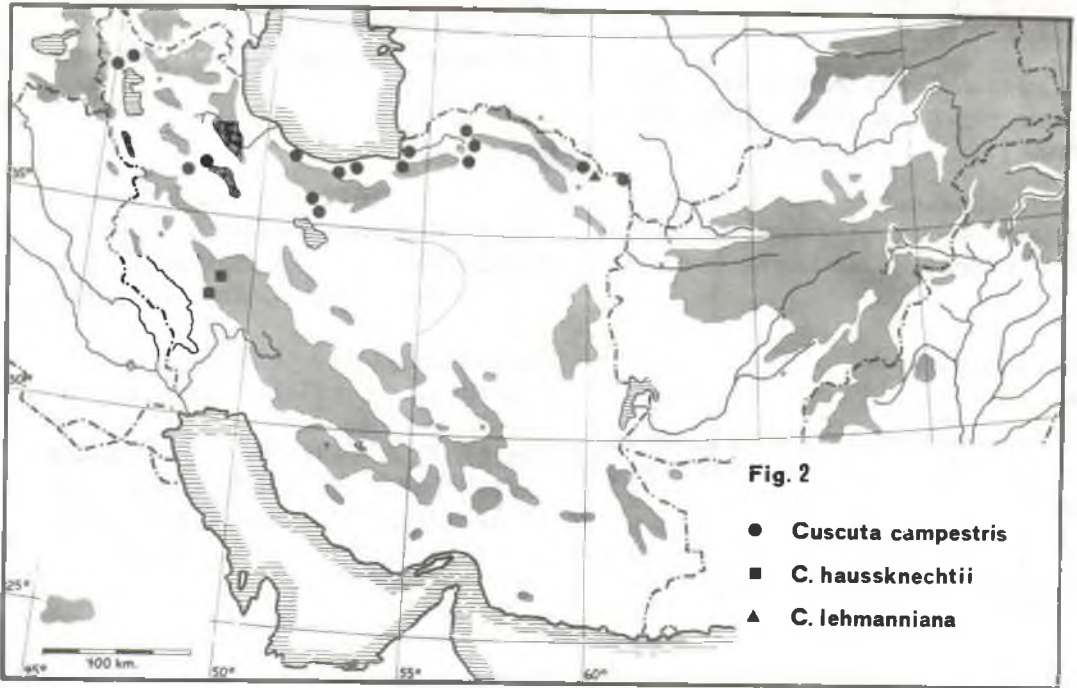
Introduction

In a study by the author of the genus *Cuscuta* in Iran for a thesis at Naturhistorisches Museum, Wien and Universität für Bodenkultur, Wien, two taxa new for the flora of Iran are reported as well as a new locality for a little known species.

Cuscuta campestris Yunck. (Fig. 1, A — C)

Azerbaijan: 80 km from Marand towards Maku, alt. 1000 m, Iranshahr! (parasite on *Alhagi*); *Rezaiyeh*, Javan-Moghaddam 99!; *Rezaiyeh*, Alghiyan, 20 km from

Rezaiyeh towards Mahabad, Mosta'an & Zargani!; *Rezaiyeh*, Sadafeh, Mazaheri! (parasite on *Nicotiana tabacum* L.); *Rezaiyeh*, on the road towards Sero, Eyvazzadeh & Ghanbarian 11!, 14!, 15!, 16!, *Rezaiyeh*, Gharaghaj, Mosta'an 17!, (parasite on *Beta vulgaris* L.); *Rezaiyeh*, Goy - Tappeh, Mosta'an 3! (parasite on *Vitis vinifera* L. and *Convolvulus arvensis* L.); *Rezaiyeh*, Shahpur, P. Asadi! (parasite on *Beta vulgaris* L.); *Zanjan*, 30 — 40 km NW. of Zanjan, Rechinger 53830! (parasite on *Alhagi*); 83 km from Zanjan in direction of Bijar, alt. 1480 m, Assadi & Amini 13569!,



13570! (parasite on *Alhagi*). — **Tehran:** Tehran, Evin, Iranshahr! (parasite on *Erigeron*), Behbudil, Matin!; Varamin, Maddah! (parasite on *Alhagi* and *Glycyrrhiza glabra* L.), Mazaheri! (parasite on *Convolvulus arvensis* L.); Varamin, Jalilabad, Taherian! (parasite on *Vitis vinifera* L. and *Convolvulus arvensis* L.). — **Gilan:** Langrud, Pirposhteh, Mir-Kamali! — **Mazandaran:** Shahsavari, Pl. Pests & Diseases Lab.! (parasite on *Citrus*); Sari, Pag!; Chaboksar, Sabeti! (this specimen collected in 1956 is the earliest collection seen by the author). — **Gorgan:** Ghal'eh Mahmud, Mazaheri! (parasite on *Chenopodium* and *Polygonum*). — **Khorasan:** Jowzak, 74 km W. of Bojnurd in direction of Gorgan, alt. 1100 m, Rechinger 53760!, Termeh! (parasite on *Polygonum hyrcanum* Rech. f.), 16 km from Layen

towards Dareh-Gaz, alt. 500 m, Iranshahr & Zargani! (parasite on *Psoralea drupacea* Bge.); 32 km from Bojnurd towards Shahpasand, alt. 500 m, Iranshahr & Zargani! (parasite on *Salvia*); Sarakhs, alt. 300 m, Iranshahr! (parasite on *Alhagi*); 24 km E. of Sabzevar, alt. 1300 m, Iranshahr! (parasite on *Alhagi*).

The origin of *Cuscuta campestris* Yunck. is Texas in N. America. It was introduced to Europe about 1900 (Feinburn, N., 1972 P. 75) and in the Soviet Union 1913 (Meshcheriakov, A. A. 1954 P. 66). The first specimen of this species was collected in Iran by Sabeti in 1956 and identified in 1977 by the author. It is distributed in northern Iran from the Turkish frontier in western Azerbaijan to eastern Khorasan (Map, Fig. 2).

***Cuscuta lehmanniana* Bge.**
(Fig. 1, G — I)

Khorasan: c. 25 km from Kalat -e Nader towards Layen, alt. 700 m, Iranshahr & Zargani 15408! (Map, Fig. 2).

Cuscuta lehmanniana Bge. is a Central-Asiatic species extending into Afghanistan. It was previously not known from Iran.

***Cuscuta haussknechtii* Yunck.**
(Fig. 1, D—F)

Lorestan: Razan, 60 km east of Khorramabad, alt. 1850 — 2000 m, Rechinger 47689! (Map, Fig. 2).

This species, described by Yuncker (1932), was previously only known from

the type locality in Lorestan (Kuh-e Nur and Kuh-e Savers), where it was collected by Haussknecht more than 100 years ago.

References

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