



Validation of the names of four Iranian plant taxa

MOHAMMAD MAHMOODI^{1,2}, FARROKH GHahremaninejad^{1*} & ALI-ASGHAR MAASSOUMI²

¹Department of Plant Science, Faculty of Biological Sciences, Kharazmi University, Tehran, Iran; email: ghahremaninejad@khu.ac.ir*

²Research Institute of Forests and Rangelands, Tehran, Iran; email: mahmoodi@rifr-ac.ir; maassoumi@rifr-ac.ir

*author for correspondence

Acantholimon flabellum Assadi (2005: 32), *A. moradii* Assadi (2005: 37), *Cousinia farimanensis* Assadi (2011: 6) and *C. mozdouranensis* Djavadi & Attar (2005: 287) were described from Iran without indication of the herbarium in which the holotype specimens were conserved. Therefore, these names were not validly published (Art. 40.7 of the ICN, McNeill *et al.* 2012) and need to validation.

Acantholimon flabellum Assadi, *sp. nov.*

Based on:—*Acantholimon flabellum* Assadi (2005: 32), *nom. inval.* (Art. 40.7 of the ICN)

Type:—IRAN. Khorasan: Bajgiran to Namanlou, alt. 1500–2500 m, 21 July 2003, *A.A. Maassoumi, A. Jalili & M. B. Rezai 84215* (holotype TARI).

Description:—Assadi (2005: 32).

Acantholimon moradii Assadi, *sp. nov.*

Based on:—*Acantholimon moradii* Assadi (2005: 37), *nom. inval.* (Art. 40.7 of the ICN)

Type:—IRAN. Kurdistan: Beginning of the road Sanandaj to Marivan, 35°20' N, 47°08' E, alt. 1750 m, 24 June 2003, dominated by *Bromus tomentellus* Boiss. and *Festuca ovina* L., *M. Assadi & M. Ranjbar 84925*. (holotype TARI).

Description:—Assadi (2005: 37).

Cousinia farimanensis Assadi, *sp. nov.*

Based on:—*Cousinia farimanensis* Assadi (2011: 6), *nom. inval.* (Art. 40.7 of the ICN)

Type:—IRAN. Khorasan: 30 km N. of Torbate Heydarieh, alt. 1900 m, 15 July 1976, *Assadi & Maassoumi 21318*. (holotype TARI)

Description:—Assadi (2011: 6).

Cousinia mozdouranensis Djavadi & Attar, *sp. nov.*

Based on:—*Cousinia mozdouranensis* Djavadi & Attar (2005: 287), *nom. inval.* (Art. 40.7 of the ICN).

Type:—IRAN. Khorasan province: Mashhad to Sarakhs, Mozdouran pass, alt. 900–1000 m, 1 June 2001, *Djavadi 31208*. (holotype IRAN).

Description:—Djavadi & Assadi (2005: 287).