

BROMUS ARVENSIS (POACEAE), A NEW RECORD FOR THE FLORA OF IRAN

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Noori, A., Nourozi, M., Azizian, D., Sheidai, M. & Termeh, F. 2004. 10 10: *Bromus arvensis* (Poaceae), a new record for the flora of Iran. -*Iran. Journ. Bot.* 10 (2): 173-175. Tehran. *Bromus arvensis* is reported for the first time from Iran. It has been collected from NW. Iran, Azarbaajan area. This species is compared with its relative *B. brachytachys*.

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Key words. *Bromus*, Iran, new record.

گزارش گونه *Bromus arvensis* برای اولین بار از ایران

اکرم نوری، مریم نوروزی، دینا عزیزیان، مسعود شیدایی و فریدون ترمه

گونه *Bromus arvensis* که از شمال غربی ایران منطقه آذربایجان جمع‌آوری گردیده، برای اولین بار از ایران گزارش می‌شود. این گونه با گونه نزدیک خود *B. brachytachys* مقایسه می‌شود.

Introduction

In a study of the genus *Bromus*, herbarium material of Shahid Beheshti University (HSHU) and Research Institute of Forests and Rangelands (TARI) were examined. Among the plants investigated, three specimens from different locations of Azerbaijan were recognized as *B. arvensis* L. As this species has not been previously reported from Iran, this is a first record for Iran. Geographical distribution of the species is also mentioned.

Bromus Arvensis L.

Azerbaijan: ca. 80 km, from Mianeh towards Zanjan, 1320m Ghezel-Ouzan river bank. 24 June 1983, Zehzad. 83608; 35 km to Maku on road from Marand, 1900m, 28.6.1978, Assadi & Mozaffarin 30080-TARI; Zanjan to Mianeh, 89 km to Mianeh, margin of Ghezel-Ouzan river, 1430m. 9.7.1991, Zehzad, Jamzad & Taheri.

Bromus arvensis is a new record for Iran. According to Bor (1970) in Flora Iranica, it is reported from Talish, Lenkoran and now its distribution extends to Iran as well. No type material of the species was seen, but this specimen was compared with the description of the species (Bor, 1970). This species is closely related to *B. brachystachys* but differs from it mainly in longer or equal palea than the lemma and length of anther ca. 4mm (Smith 1985; Tsvelev 1476) (fig. 1).

References

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Fig. 1. *Bromus arvensis* ($\times 0.74$; spike and auricles $\times 3$; ligule, flower, glume, lemmas, palea, caryopsis and anther $\times 5.8$).