

ERODIUM LITVINOVII WORN. (GERANIACEAE), A NEW RECORD FROM IRAN

GH. Faghinia & Y. Nasseh

Faghinia GH. & Nasseh. Y., 2002 12 30: *Erodium litvinovii* Woron. (*Geraniaceae*), a new record from Iran. -*Iran. Journ. Bot.* 9(2): 177-179. Tehran.

Erodium litvinovii belongs to the family of *Geraniaceae* and is recorded as new species from Iran. This species was collected from eastern parts of Khorassan province, and is distinguished from its close species *E. oxyrrhynchum* M. B. by fruit characters.

Gholam Reza Faghinia & Yassamin Nasseh, Ferdowsi University, Mashhad Herbarium (FUMH), Mashhad, Iran.

Key words. *Erodium litvinovii*, new report, Iran.

گزارش گونه *Erodium litvinovii* برای اولین بار از ایران

غلامرضا فقیه نیا و یاسمین ناصح

گونه *Erodium litvinovii* برای نخستین بار از ایران گزارش می‌گردد. این گونه براساس تفاوت در قارچبر و سیخک میوه از گونه نزدیک خود *E. oxyrrhynchum* تفکیک می‌شود. نمونه‌های گیاه از نواحی شرق استان خراسان جمع‌آوری گردیده و در هرباریوم پژوهشکده علوم گیاهی دانشگاه فردوسی مشهد نگهداری می‌شوند.

Table 1. Diagnostic characters of two *Erodium* species.

characters \ species	<i>E. litvinovii</i>	<i>E. oxyrrhynchum</i>
arista	9-11 mm long	5-11 (-12) mm long
mericarp	7-9 mm long with 1-2 transverse wrinkles below apex	4-6 (-7) mm long without transverse wrinkle below apex
idumentum	stems and petiols covered with long spreading hairs	stems and petiols covered with fine dense hairs

Introduction

During the studying of materials belong to the family of *Geraniaceae* preserved in Research Center for Plant Science, University of Mashhad, *Erodium litvinovii* was identified and as a new record is reported from Iran.

Erodium litvinovii Woron.

Khorassan: E. of Torbatjam, Melu, 850 m, Akhani & Zangoie 24501.

This species has not been previously recorded from Iran (Schönbeck-Temesy 1970). Its general distribution is in Turcomania and Afghanistan. It is very similar to *Erodium*

oxyrrhynchum M. B. but on the basis of characters in table 1, the two species are distinguished from each other.

Acknowledgment

We would like to thank Mr. Joharchi the member of Research Center for Plant Science, University of Mashhad for his instructive cooperation.

Reference

Schöberck-Temesy, E. 1970: Geraniaceae in K. H. Rechinger (ed.) Flora Iranica, no. 69. -Graz.



Fig. 1. *Erodium litvinovii*