A NEW SPECIES OF THE GENUS PSYCHROGETON BOISS. (ASTERACEAE) FROM IRAN

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Emadzadeh Kh. & Joharchi M. R. 2004 10 10: A new species of the genus *Psychrogeton* Boiss. (*Asteraceae*) from Iran. -*Iran. Journ. Bot.* 10 (2): 181-183. Tehran.

Psychrogeton cabulicus which has been collected from Khorasan province is reported as new species to Iran. This species is compared with closely related species, Psychrogeton andryaloides.

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Key words. Psychrogeton, new report, Iran.

گزارش گونه جدید از جنس Psychrogeton از ایران

خاطره عمادزاده و محمدرضا جوهرچي

گونهٔ Psychrogeton cabulicus که از استان خراسان جمع آوری شده است، برای اولین بار از ایران گزارش می گردد. این گونه با گونه مجاور خود Psychrogeton andryaloides مقایسه گردیده است. نمونهٔ مورد نظر از شمال غربی خراسان جمع آوری شده و در هرباریوم دانشگاه فردوسی مشهد نگهداری می گردد.

| Table 1. Diagnostic | characters of t | the two Psych | rogeton species. |
|---------------------|-----------------|---------------|------------------|
|---------------------|-----------------|---------------|------------------|

| Species Characters | Ps. cabulicus | Ps. andryaloides | |
|--------------------------|-------------------------|---|--|
| Leaf | entire and lanceolate | sometimes entire, obovate or oblanceolate | |
| Ligule of fertile flower | yellow | white or yellow | |
| Achene | fertile, 3.2-3.6mm long | fertile & sterile 2.8-3.6 mm long | |
| Pappus | double | simple & double | |

Introduction

During the studying of materials belong to the tribe *Astereae* preserved in the Ferdowsi University of Mashhad Hebarium (FUMH), *Psychrogeton cabulicus* was identified. This species has been collected from NW of Khorasan. In this paper the species is reported for the first time from Iran.

Psychrogeton cabulicus Boiss. (*Asteraceae*, Tribe *Astereae*)

Khorasan: SW of Bojnord, Salook mountain, 2400 m, 11.7.1994, Zangooei & Hossein - Zadeh 24477.

This species has not been previously recorded from Iran and distribution range in

the Flora Iranica area is in Turkmensistan and Afghanistan.

Psychrogeton cabulicus is recognized by its entire margined and lanceolate leaves, pilose pubescent indumentum which becomes setulose at the bese of the capitulum.

This species is compared with closely related species, *Psychrogeton andryaloides* in (DC.) Novopokr. ex Krash in table 1.

References

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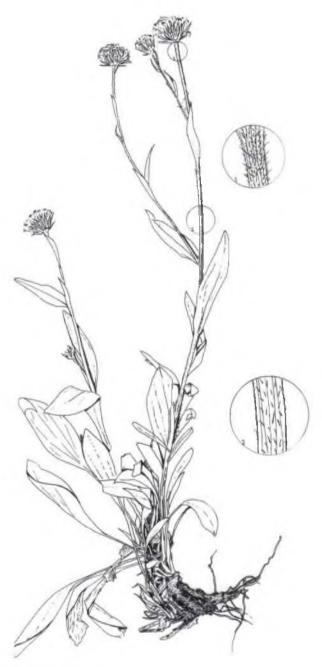


Fig. 1. Psychrogeton cabulicus (xo.62)