

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 جوهرچی

گونه *Psychrogeton cabulicus* که از استان خراسان جمع‌آوری شده است، برای اولین بار از ایران گزارش می‌گردد. این گونه با گونه مجاور خود *Psychrogeton andryaloides* مقایسه گردیده است. نمونه مورد نظر از شمال غربی خراسان جمع‌آوری شده و در هرباریوم دانشگاه فردوسی مشهد نگهداری می‌گردد.

Table 1. Diagnostic characters of the two *Psychrogeton* species.

Characters \ Species	<i>Ps. cabulicus</i>	<i>Ps. andryaloides</i>
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 Herbarium (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, Zangoeei & Hossein - Zadeh 24477.

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

the Flora Iranica area is in Turkmenistan and Afghanistan.

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

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

References

- Grierson, A. J. C. & Rechinger, K. H., 1982: *Astereae* in Rechinger, K. H. (ed.), *Flora Iranica* 154: 37-42.-Graz.



Fig. 1. *Psychrogeton cabulicus* (xo.62)