

# CAREX PAMIRICA (CYPERACEAE), A NEW RECORD FROM WETLAND FLORA OF IRAN

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*Carex pamirica* is reported for the first time for the flora of Iran. The species has been collected from wetlands of west Elburz Mts. in Gilan province. Main characters of the species and its geographical distribution are presented.

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Key words. *Carex pamirica*, Cyperaceae, new record, Iran, wetland.

گزارش *Carex pamirica* متعلق به تیره اویارسلام (Cyperaceae) از فلور ماندابی ایران

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گونه *Carex pamirica* به عنوان گزارش جدیدی برای فلور ایران معرفی می شود. این گونه از از رویشگاههای ماندابی غرب رشته کوههای البرز در استان گیلان جمع آوری شده است. ویژگی های اصلی گونه و پراکنش جغرافیایی آن توضیح داده می شود.

## Introduction

During intensive ecological and floral studies of wetlands in Elburz Mountains, some interesting herbarium specimens were collected. One of the specimens was recognized as a new record for the genus *Carex* in Iran. The specimen has been carefully examined using Flora Iranica (Kukkonen 1998) and is preserved in TARI.

**Carex pamirica** (O. Fedtsch.) O. & B. Fedtsch. ex B. Fedtsch. -Fig. 1.

*Material examined.* Gilan: Loushan, Ca 10 km from Kelishum village toward Holoush Kuh area, Kamrani, 2070 m, 3902-TUH.

*Carex pamirica* was reported in Flora Iranica area from Central Asia in Tian Shan Mts. to Afghanistan, Pakistan and Kashmir (Kukkonen 1998). It is similar to *C. rostrata* Stokes that is compared with in table 1.

*Carex pamirica* grows in clay soils with pH = 6.8 containing 5.6 % CaCo<sub>3</sub>. It grows with the other species such as *Hippuris vulgaris* L. and *Utricularia* sp.

## Reference

Kukkonen, I. 1998: *Carex* in Flora Iranica, no. 173: 168-293. -Graz.

Table 1. Comparison of two *Carex* species.

Characters	<i>C. pamirica</i>	<i>C. rostrata</i>
leaf	c. 4-5 mm	2-4 mm
ligule	1 mm	0.2 mm
beak	0.7 – 1.1 mm	1.5 – 2 mm
nut	c. 2-2.2 mm	c. 1.7 – 1.8



Fig. 1. *Carex pamirica* (x0.56); details (x 8.5).