

Lectotypification of *Stipa czerepanovii* (Poaceae)

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Lectotypification of *Stipa czerepanovii* (Poaceae). – Čas. Slez. Muz. Opava (A), 60: 199-200, 2011.

Abstract: The paper presents lectotypification of *Stipa czerepanovii* Kotuch. described from the Zaisan basin (eastern Kazakhstan). The material designated as the type of *Stipa czerepanovii* is deposited in the herbarium of the Komarov Institute of Botany, Russian Academy of Sciences (St.-Petersburg) and composed of three sheets. However, specimens on one of the sheets, represent other species of *Stipa*, and according the Vienna code the lectotype should be designated.

Keywords : lectotype, *Stipa*, Kazakhstan

Introduction

The genus *Stipa* L. contains about 50 species in Kazakhstan (Roshevitz 1934, Pavlov 1956, Pazij 1968, Tzvelev 1976, Abdulina 1999, Kotukhov 2002, Nobis 2010, 2011). 18 of them have been described in the last 25 years by Kotukhov (1987, 1989, 1991, 1994, 1998a, 1998b). A considerable number of more widespread and relatively local species (with very narrow ranges) as well as taxa with hybrid origin have been described by this researcher, from south-western Altai Mts (eastern Kazakhstan).

In this paper, lectotypification of *Stipa czerepanovii* Kotuch. name described by Yu. Kotukhov, base on material from Zaisan basin (eastern Kazakhstan) is designated. In the type collection of *S. czerepanovii* deposited in the herbarium of the Komarov Institute of Botany, Russian Academy of Sciences (St.-Petersburg) (LE), there are three herbarium sheets with specimens determined by Kotukhov as types of *S. czerepanovii* (without distinguishing a holotype). The specimens on two of them has the hairs of the seta up to 1.5 mm long and corresponding to the original description of *Stipa czerepanovii*. Whereas the third sheet has two specimens which have much longer hairs at the seta and represent *Stipa orientalis* Trin. From this reason, according the Vienna code (Mc-Nill et al. 2006), the lectotype should be designated. However, necessity of this typification is a result of mistakes and mixed of herbarium labels during preparation of sheets, rather than mistakes of the species author.

Stipa czerepanovii belongs to the section *Barbatae* A. Junge, and to date is known only from the *locus classicus* (Kotukhov 2002).

Lectotype description

Stipa czerepanovii KOTUCH. (1998b) [Novye vidy roda *Stipa* L. (Poaceae) iz vostochnogo Kazakhstana (New species of the genus *Stipa* L. (Poaceae) from western Kazakhstan). – Turczaninowia 1: 13]

LECTOTYPE (designated here): ‘Zaisanskaya kotlovina, obnazheniya tretichnykh glin Akseir (vostochnaya okraina), yugo-zapadnyi galechno-glinisty sklon gryady, 17 Jun 1993, Yu. Kotukhov (LE!). The lectotype is the specimen on the right side of the herbarium sheet, two others are isolectotypes. Other isolectotypes: the second herbarium sheet with two specimens of *S. czerepanovii* (labeled accordingly by M. Nobis in 2011) (LE!).

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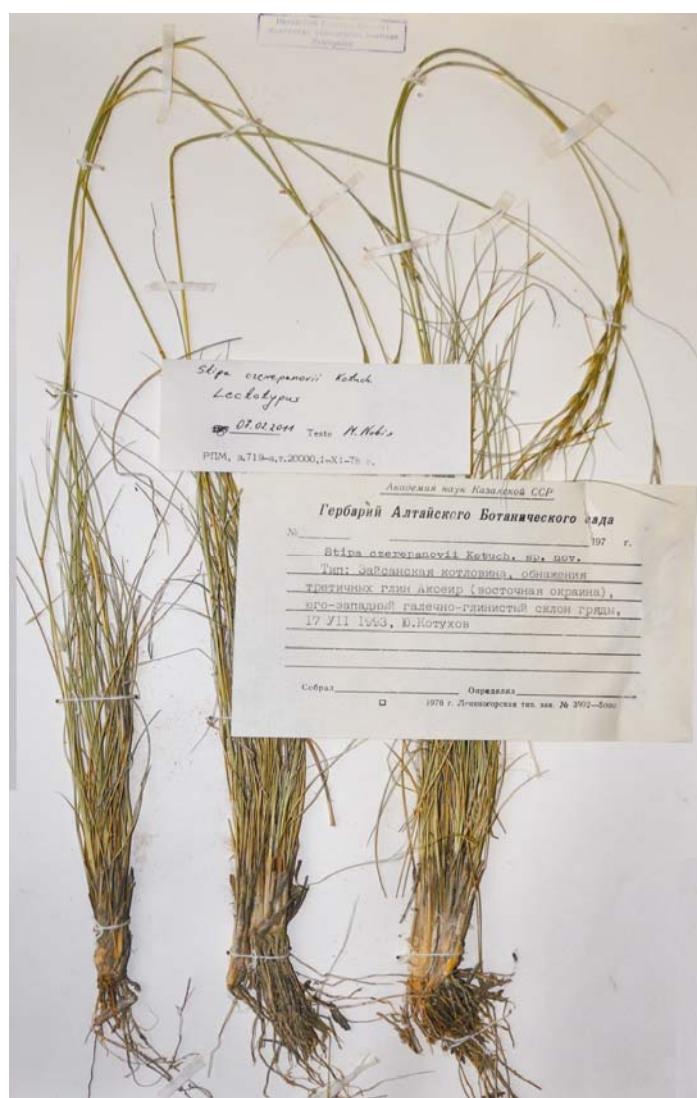


Fig. 1: Lectotype of the *Stipa czerepanovii* Kotuch. in the herbarium of LE (St.-Petersburg)

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