

***Platycheirus* species (Diptera, Syrphidae) in the Tuva district of southern Siberia, with description of a new species**

Anatolii V. Barkalov & Tore R. Nielsen

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The paper describes *Platycheirus tuvaensis* sp. n., a species of the *ambiguus* subgroup, and reports on another 22 *Platycheirus* species.

Key words: *Platycheirus*, new species, Tuva.

Anatolii V. Barkalov, Institute of Animal Systematics and Ecology of RAS, Siberian Branch, Novosibirsk-91, Frunze str., 11, Russia. E-mail: bark@eco.nsc.ru.

Tore R. Nielsen, Sandvedhagen 8, NO-4318 Sandnes, Norway. E-mail: tore@nielsen.cc.

INTRODUCTION

In a series of papers the present authors have reported on the *Platycheirus* fauna from Caucasus, Turkmenistan and eastern parts of Russia (Barkalov & Nielsen 2004, 2007 a, 2007 b, 2008). This paper deals with a smaller material from the Republic of Tuva collected by different workers at the Zoological Museum, Novosibirsk.

The Republic of Tuva is situated in extreme southern Siberia (Figure 1). Mountains occupy 50% of the territory and half of the land is covered by forest. Predominant trees are the Siberian larch, pine trees and cedars. The climate is sharply continental, with average January temperature -32°C and average July temperature +18°C.

MATERIAL & METHODS

The drawings were made with the aid of a drawing mirror attached to a Wild M5 stereo microscope. The photo of *Platycheirus tuvaensis* sp. n. was taken with an electronic camera.

***Platycheirus tuvaensis* sp. n.**

Holotype: Male, labelled “23.7.1993 Tuva, 30-35 km SE of Mugur-Aksy settlement, Mongun-Taiga mountain, 3100-3500 m a.s.l., Coll. A. Barkalov”. Paratypes: 18♂♂ with same data as holotype. Holotype and most paratypes in coll. ZMN, 3♂♂ in coll. TRN.

Diagnosis and comparison with related species: *Platycheirus tuvaensis* sp. n. belongs to the *ambiguus* subgroup. Like in some species of the subgroup (Nielsen 2004) the fore tibia is posterolaterally short-haired only, or occasionally with short hair-like bristles.

DESCRIPTION

Male

Head: Figures 2, 3A,B. Eye angle about 105°. Ocellar triangle black, black haired. Frons, face and genae covered with greyish white dusting; frons black haired, face and genae with white hairs. Lunula and median face stripe shining