

New material of Central Palaearctic *Platycheirus* (Diptera, Syrphidae) with description of three new species

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Platycheirus dudkoi sp. n. of the *stegnus*-group, *P. pamiricus* sp. n. and female *Platycheirus latens* Mutin, 1999 of the *albimanus*-group and *P. transbaikalicus* sp. n. of the *ambiguus*-group are described and figured.

Key words: *Platycheirus*, *dudkoi*, *pamiricus*, *latens*, *transbaikalicus*, new species, Altai, Pamir, Transbaikal, Russia.

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Introduction

In some previous papers (Barkalov & Nielsen 2004, 2007a, 2007b, 2008a, 2008b) we have reported on the *Platycheirus* fauna of central parts of the Palaearctic region. The present paper adds three new species and describes the female of *P. latens* Mutin, 1999.

Material and methods

The material of this article derives from different expeditions to Transbaikal, Altai and Pamir by Zoological Museum of the Institute of Systematics and Ecology of Animals RAS, Novosibirsk, Russia (ZMN).

The drawings have been made with the aid of a drawing mirror attached to a Wild M5 microscope. The photos were taken with an electronic camera.

The species

Platycheirus dudkoi sp. n.
Figures 1A–D, 2.

Holotype: Male, labelled in Russian letters “Republic Altai, Ulaganskij district, Kurajskij mountain range, 2500–2800 m a.s.l. 50,33° N, 87,75° E, tundra 1.–4.07.2008 leg. R. Dudko.” The holotype is kept at ZMN.

Diagnosis and comparison with related species: fore and mid tibia with short hairs only, without posterolateral bristles and thus similar to male *P. fallax* Barkalov & Nielsen, 2008. *P. dudkoi* sp. n. differs from *fallax* in body hairs all white (mainly black in *fallax*), thorax and hind part of frons steel blue (dark greyish in *fallax*), hairs on head and thorax white (black in *fallax*), dusting on frons whitish (grey in *fallax*), haltere pale orange yellow (greyish brown in *fallax*) and abdomen with dull, light grey bands (dull grey spots in *fallax*).

Description

Male

Head: Figure 1A–B. Eye angle 110°, frons heavily dulled by white dusting, the hairs white. Antennae black; 3rd segment short, scarcely as long as wide. Face, genae and occiput dulled by greyish white dusting; white haired.