

# Hoverflies (Diptera, Syrphidae) from Kirgizia (regions Chuy, Naryn and Issyk-Kul) with description of two new species, *Platycheirus nigratarsis* sp. n. and *Platycheirus kirgizorum* sp. n.

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Ssymank, A. & Nielsen, T.R. 2012. Hoverflies (Diptera, Syrphidae) from Kirgizia (regions Chuy, Naryn and Issyk-Kul) with description of two new species, *Platycheirus nigratarsis* sp.n. and *Platycheirus kirgizorum* sp.n. *Norwegian Journal of Entomology* 59, 31–39.

A material of 109 hoverflies (Diptera, Syrphidae) from Kirgizia (regions Chuy, Naryn and Issyk-Kul) has been examined. *Platycheirus nigratarsis* sp. n. (of the *ambiguus* group) and *Platycheirus kirgizorum* sp. n. (of the *manicatus* subgroup) are described as new to science, and poorly known species like *Cheilosia barkalovi* Ståhls, 1997, *Chrysotoxum bajkalicum* Violovitsh, 1973, *Chrysotoxum tjanshanicum* Peck, 1973 and *Eristalis acutifacies* Peck, 1971 are parts of the material.

Key words: Diptera, Syrphidae, *Platycheirus nigratarsis*, *Platycheirus kirgizorum*, new species, Kirgizia.

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## Introduction

The material studied was kindly collected by Prof. Joachim Oehlke from Eberswalde during an entomological expedition of the University of Greifswald in summer 2007, lead by Prof. Müller-Motzfeld (1941–2009). The expedition visited mainly high-altitude habitats in the Tianshan-mountains, south and west of Bishkek, at altitudes ranging between 1700 and 3800 m a.s.l. and with five collecting points above 3000 m. At lower altitudes Picea-forests, river basins and alluvions were sampled, at higher altitudes bogs, river banks and glacial screes as well as mountain passes.

## Material and methods

All hoverflies were caught by hand-netting during the excursion, sent as dry fresh material to the first author and subsequently pinned.

**Sampling localities.** Numbers of localities are printed on the locality labels of all voucher specimens (Table 1-2). The material is mainly deposited in the collection of A. Ssymank, with the exception of a few specimens in the collection of T.R. Nielsen and of C. Claußen (Flensburg) and part of the type material as stated in the species descriptions. Regions (Oblasts) of Kirgizia (Kyrgyzstan) are given in brackets.

Determination was done with the keys to Syrphidae of Russian Far East (Mutin & Barkalov 1999), together with a preliminary unpublished key of Valerie Mutin from 2007, keys of the Swedish fauna (Bartsch 2009a, b), the Finnish Fauna (Haarto & Kerppola 2007) and a key to the *Platycheirus* species of the *ambiguus* group (Nielsen 2004). In addition for the genus *Chrysotoxum* the key of Violovitsh (1974) was used. Claus Claußen, Flensburg, kindly determined the *Cheilosia* species and checked some additional species.