

## The chironomids (Diptera, Chironomidae) described by Lundström (1915) from arctic Siberia, with a redescription of *Derotanypus sibiricus* (Kruglova & Chernovskii)

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## Abstract

The chironomid material described by Lundström (1915) from the Russian polar expedition in the years 1900–1903 is analysed. *Derotanypus limbatus* (Lundström, 1915) (as *Ablabesmyia*) is a senior synonym of *Ablabesmyia quadrinotata* Lundström, 1915; *Orthocladius pubitarsis* sensu Lundström, not Zetterstedt, 1838, is identical to *Psectrocladius* (*Psectrocladius*) *sokolovae* Zelentsov & Makarchenko, 1988; *Orthocladius cinereipennis* sensu Lundström, 1915, is a junior synonym of *Heterotrissocladius subpilosus* (Kieffer 1911); *Orthocladius alpicola* sensu Lundström, not Zetterstedt, 1850, is identical to *Acricotopus lucens* Zetterstedt, 1850; *Orthocladius marginatus* Lundström, 1915 a junior synonym of *O. (Pogonocladius) consobrinus* (Holmgren, 1869); *Orthocladius (Orthocladius) nitidoscutellatus* Lundström, 1915 a senior synonym of *O. trigonolabis* Edwards, 1924; *Chaetocladius binotatus* (Lundström, 1915) comb. n. probably a senior synonym of *C. validus* Brundin, 1956; *Paralimnophyes trilineatus* (Lundström, 1915) comb. n. a senior synonym of *P. arcticus* Brundin, 1956; *Camptocladius incertus* Lundström, 1915 a junior synonym of *Chaetocladius perennis* (Meigen, 1830); *Chironomus lundstroemi* sp. n. (= *C. staegeri* sensu Lundström, not Lundbeck, 1898), is described as male and female; *Chironomus niveipennis* sensu Lundström, not Fabricius, 1805, is identical to *Chironomus trabicola* Shobanov, Wülker & Kiknadze, 2002.

The following validly named and recognisable species are redescribed: *Derotanypus limbatus* (Lundström) (male and female); *D. sibiricus* (Kruglova & Chernovskii) (male and female); *Diamesa chorea* sensu Lundström, not Lundbeck, 1898, (female); *Orthocladius pallidicornis* Lundström, 1915 (male and female); *Chaetocladius binotatus* (Lundström) (male hypopygium); *Chaetocladius perennis* (Meigen, 1830) (male); *Paralimnophyes trilineatus* (Lundström) (male and female); *Smittia brevipennis* (Boheman, 1856) (female); *C. flavoviridis* Lundström, 1915 (female); *C. trabicola* (additions to male, female).

**Key words:** Chironomidae, Lundström, arctic Siberia

## INTRODUCTION

The chironomid material from the Russian polar expedition in the years 1900–1903 was described by Lundström (1915) and is deposited at the Zoological Institute of the Russian Academy in St. Petersburg. Some of the material has been redescribed in connection with various revisions (Makarchenko 1984; Sæther 1989, 1990 a, b; Sæther & Wang 1996). The remaining material is here reidentified and, where necessary, redescribed. The individual taxa are presented in the sequence in which they appear in Lundström (1915).