

A new species of *Arctodiamesa* Makarchenko (Diptera: Chironomidae: Diamesinae) from the Russian Far East, with a key to known species of the genus

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Abstract

The male, pupa, and larva of a new species, *Arctodiamesa marinae*, from the Russian Far East are described and figured. Keys to males, pupae, and fourth-instar larvae of known species of the genus are presented.

Key words: Diptera, Chironomidae, *Arctodiamesa*, new species, key, Russian Far East

Introduction

The genus *Arctodiamesa* Makarchenko, 1983 includes one Holarctic and one East Palearctic species. *Arctodiamesa appendiculata* (Lundström) occurs in the Arctic areas of Russia, Chukotka, the upper reaches of the Kolyma River (Makarchenko 1985), and Alaska (as *Diamesa* Alaska sp. 1) (Hansen & Cook 1976, Tilley 1978). The male, pupa, and larva are known for this species. *Arctodiamesa breviramosa* Makarchenko was described from males collected from streams near the mouth of the Lena River in the Arctic Region of East Siberia (Makarchenko 1995). The immature stages of an unidentified *Arctodiamesa* species were described from the Khabarovsk Territory in the Russian Far East (Makarchenko 1995).

I describe the male, pupa, and larva of *Arctodiamesa marinae* sp. n. The species is known only from Kedrovaya Pad, which is situated in the southern part of the Russian Far East and is the oldest nature reserve in Russia. Keys to adult males, pupae, and fourth-instar larvae of the known species of the genus are provided.