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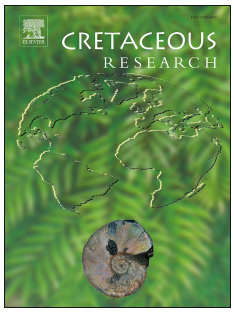

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NEW CADDISFLIES SPECIES (INSECTA: TRICHOPTERA) FROM THE CRETACEOUS TAYMYR AMBER

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Abstract

Four new Trichoptera species: *Kliganigadukia taymyrensis* gen. et sp. nov. (Hydrobiosidae), *Archaeopolycentra yantardakh* sp. nov. (Polycentropodidae), *Taymyrodipseudon protopegasus* gen. et sp. nov. (Dipseudopsidae), and *Siberoclea parapolaria* gen. et sp. nov. (Leptoceridae) from Late Cretaceous amber (Santonian, Kheta Formation, 85 Ma) of Taymyr (Siberia, Russian Federation) are described and illustrated. Data on the Cretaceous amber Trichoptera (13 families, 20 genera, 29 species) are summarized and discussed.

Keywords: Trichoptera, paleontology, fossil, Hydrobiosidae, Polycentropodidae, Dipseudopsidae, Leptoceridae, systematics, Taymyr amber, Cretaceous

1. Introduction

Trichoptera is a relatively small (15500 species: Morse, 2017) order of holometabolous insects with aquatic larvae. The order is related to Lepidoptera (butterflies and moths) and usually united with them in the superorder Amphiesmenoptera (Kiryakoff, 1948, Kristensen, 1997). The stem group of Trichoptera and Lepidoptera is known from Permian as Protomeropina