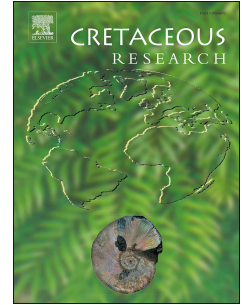


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New caddisflies species (Insecta: Trichoptera) from the Cretaceous Taymyr amber

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10 **Abstract**

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

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

22 **1. Introduction**

24 Trichoptera is a relatively small (15500 species: Morse, 2017) order of holometabolous  
25 insects with aquatic larvae. The order is related to Lepidoptera (butterflies and moths) and  
26 usually united with them in the superorder Amphiesmenoptera (Kiryakoff, 1948, Kristensen,  
27 1997). The stem group of Trichoptera and Lepidoptera is known from Permian as Protomeropina

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