

First record of *Phacephorus umbratus* (Faldermann, 1835)  
(Coleoptera, Curculionidae) from the Omskaya Oblast of Russia  
with taxonomic remarks on the species

Первая находка *Phacephorus umbratus* (Faldermann, 1835)  
(Coleoptera, Curculionidae) в Омской области России с  
таксономическими замечаниями о виде

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**Key words:** Curculionoidea, Entiminae, Tanymericini, new synonym, new record.

**Ключевые слова:** Curculionoidea, Entiminae, Tanymericini, новый синоним, новая находка.

**Abstract.** The weevil *Phacephorus umbratus* (Faldermann, 1835) is recorded for Omskaya Oblast for the first time. The species *Tanymericus nebulosus* Fähræus, 1840, **syn.n.** is synonymized under *Phacephorus umbratus*. A map for the species distribution in Northern Asia is given.

**Резюме.** Приводится первая находка *Phacephorus umbratus* (Faldermann, 1835) в Омской области. *Tanymericus nebulosus* Fähræus, 1840, **syn.n.** синонимизирован с *Phacephorus umbratus*. Приводится распространение этого вида в Северной Азии.

## Introduction

The genus *Phacephorus* Schoenherr, 1840 belongs to the subtribe Tanymericina of the tribe Tanymericini and included 16 Palearctic species [Faldermann, 1835; Schoenherr, 1840; Fairmaire, Coquerel, 1866; Desbrochers des Loges, 1872, 1873, 1875; Tournier, 1875; Faust, 1885, 1887, 1890; Hauser, 1894; Reitter, 1903; Voss, 1936, 1943; Zumpt, 1937; Magnano, Colonnelli, 2005; Alonso-Zarazaga et al., 2023].

This genus differs from similar genera in narrow 3rd tarsomere weakly wider than 2nd tarsomere and the epistome covered with light, metallic shiny round scales [Bajtenov, 1974].

Four species of *Phacephorus* are known from Siberia. *Ph. nebulosus* (Fähræus, 1840) was recorded from Tyumenskaya Oblast, Novosibirskaya Oblast, Altaiskii Krai, and Zabaikalskii Krai; *Ph. sibiricus* Gyllenhal, 1840 from Novosibirskaya Oblast, Kemerovskaya Oblast, Altaiskii Krai, Republic of Buryatiya and Zabaikalskii Krai; *Ph. umbratus* (Faldermann, 1835) from Republic of Altai, Republic of Tyva and Republic of Buryatiya; *Ph. vilis* Fähræus, 1840 from Zabaikalskii Krai [Legalov, 2020].

New record of *Ph. umbratus* and systematic remarks are presented below.

## Materials and methods

Studied specimens of the genus *Phacephorus* are deposited in the Institute of Systematics and Ecology of Animals (Russia: Novosibirsk) and Senckenberg Naturhistorische Sammlungen Dresden (Germany: Dresden).

Nomenclatural acts introduced in the present work are registered in ZooBank ([www.zoobank.org](http://www.zoobank.org)) under urn:lsid:zoobank.org:pub:4D39560F-D06B-41DF-A4C0-AE4F5222A544.

## Results

Curculionoidea: **Curculionidae**: Entiminae:  
Tanymericini: Tanymericina  
*Phacephorus* Schoenherr, 1840

**Type species:** *Phacephorus vilis* Fähræus, 1840 by original designation.

***Phacephorus umbratus* (Faldermann, 1835)**

= *Tanymericus niveus* Gyllenhal, 1840;

= *Tanymericus beckeri* Desbrochers des Loges, 1875;

= *Phacephorus comparabilis* Faust, 1894;

= *Tanymericus nebulosus* Fähræus, 1840, **syn.n.**

**Material. Russia, Omskaya Oblast:** 1 spm. — Muromtsevsky District, Kartashevo, floodplain of Irtysh River, 56.11288° N, 74.73833° E, 3.VIII.2023, A. Legalov leg.; 6 spm. — Gorky District, 2 km NW Isakovka, floodplain of Irtysh River, 1–3.VIII.2023, 55.76739° N, 74.42893° E, R. Dudko leg.

**Remarks.** *Phacephorus umbratus* and *Ph. nebulosus* are considered as closely related and difficult to distinguish species [Reitter, 1903]. The dorsum of the rostrum, being much wider than its length, in combination with the black spots on the elytral interstriae consist of very dense black hairs arranged in tufts, are typical characters of *Ph. umbratus*. The dorsum of the rostrum is approximately equal in length and width, and the black spots on the elytral interstriae consist of more sparse black hairs, not arranged in tufts are characters

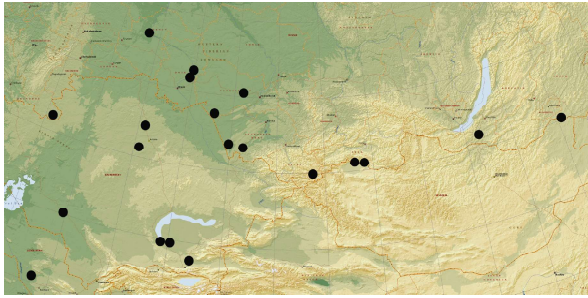


Fig. 1. Distribution of *Phacephorus umbratus* in Northern Asia.  
Рис. 1. Распространение *Phacephorus umbratus* в Северной Азии.

for *Ph. nebulosus*. Extensive material of *Phacephorus* species has been studied. Characteristics of *Ph. nebulosus* are observed in specimens from the European part of Russia, Kazakhstan and Middle Asia, as well as the southeast of the West Siberian Plain. Specimens from the Chuisкая steppe (south-eastern Altai) are closer to *Ph. nebulosus* in the shape of the dorsum of the rostrum. Specimens from Tuva and Mongolia are characterized by more similar shaped rostrum to *Ph. umbratus*. Typical specimens of *Ph. umbratus* live in Transbaikalia. The shape of the aedeagus from different regions is similar. These differences are significantly smaller than between other species of the genus *Phacephorus*. There is no distinct difference between *Ph. nebulosus* and *Ph. umbratus*. Probably, this is just a variant of clinal variability. Due to unclear differentiation of these two species, it is impossible to assign a subspecies rank. *Ph. umbratus* was described from «Altai» [Faldermann, 1835]. This locality may relate to Eastern Kazakhstan, Altaiskii Krai or south-eastern Altai (Altai Republic). *Ph. nebulosus* was described from «Siberia» based on Faldermann's materials [Schoenherr, 1840].

**Distribution.** South-east of the European part of Russia, Ciscaucasia, South Siberia (Fig. 1), Mongolia, Afghanistan, Kyrgyzstan, Kazakhstan, Tajikistan, Uzbekistan, Turkmenistan, China (Beijing, Gansu, Hebei, Inner Mongolia, Ningxia, Qinghai, Shanxi, Xinjiang) [Günther, Zumpt, 1933; Bajtenov, 1974; Yunakov et al., 2012; Legalov, 2020; Alonso-Zarazaga et al., 2023].

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