

**First record of the longhorn beetle *Phymatodes abietinus*  
Plavilstshikov et Lurie, 1960 (Coleoptera, Cerambycidae)  
in Tyumenskaya Oblast, Russia**

**Первая находка жука-усача *Phymatodes abietinus* Plavilstshikov et Lurie, 1960  
(Coleoptera, Cerambycidae) в Тюменской области**

**D.E. Galich\*, S.D. Sheykin\*\*, D.E. Lomakin\*\*  
Д.Е. Галич\*, С.Д. Шейкин\*\*, Д.Е. Ломакин\*\***

\* Siberian Forest Experiment Station, Branch All-Russian Research Institute of Silviculture and Mechanization of Forestry, Mechanizatorov Str. 5-A, building 2, Tyumen 625017 Russia. E-mail: galichdim@mail.ru.

\* Сибирская лесная опытная станция, Филиал Всероссийского научно-исследовательского института лесоводства и механизации лесного хозяйства, ул. Механизаторов 5-А стр. 2, Тюмень 625017 Россия.

\*\* Tyumen State University, Volodarskogo Str. 6, Tyumen 625003 Russia. E-mail: tunguz@inbox.ru, dlomak@mail.ru.

\*\* Тюменский государственный университет, ул. Володарского 6, Тюмень 625003 Россия.

**Key words:** Coleoptera, Cerambycidae, *Phymatodes abietinus*, new record, Tyumenskaya Oblast, West Siberia.

**Ключевые слова:** Coleoptera, Cerambycidae, *Phymatodes abietinus*, новая находка, Тюменская область, Западная Сибирь.

**Abstract.** The longhorn beetle *Phymatodes abietinus* Plavilstshikov et Lurie, 1960 was found in the Tyumenskaya Oblast for the first time, this is the third registration of the species in West Siberia.

**Резюме.** Впервые в Тюменской области найден усач *Phymatodes abietinus* Plavilstshikov et Lurie, 1960. Это третий локалитет вида в Западной Сибири.

## Introduction

The longhorn beetle fauna in the Tyumenskaya Oblast (including Yamalo-Nenetskiy Autonomous Okrug and Khanty-Mansiyskiy Autonomous Okrug) has been relatively well surveyed. In 2019, a group of authors published an extensive review of literary sources and unpublished findings [Stolbov et al., 2019]. Taking into account dubious finds (according to literary data), this article presents 99 species from 59 genera: 28 species from the Yamalo-Nenetskiy Autonomous Okrug, mainly from tundra and forest-tundra territories, and from northern taiga; 52 species from the Khanty-Mansiyskiy Autonomous Okrug, mainly from middle taiga; and 85 species from the Tyumenskaya Oblast (excluding the autonomous okrugs), mainly from southern taiga, subtaiga, and forest-steppe territories. This list is, of course, not final: one of the most recent discoveries was the capture of *Phymatodes abietinus* Plavilstshikov et Lurie, 1960, which had not previously been found in the Tyumenskaya Oblast.

In 2017, a review paper was published on all known finds of *Ph. abietinus* up to 2016 [Egorov, Shapovalov, 2017]. According to this paper, the species was known

from two localities in West Siberia (Kemerovskaya and Novosibirskaya Oblasts) [Plavilstshikov, Lurie, 1960; Cherepanov, 1981; Danilevsky, 2009]. Four localities were identified in the European part of Russia, in the Mordovian [Egorov, Semishin, 2016], Udmurt [Dedyukhin, 2005, 2007] and Chuvash [Egorov, Shapovalov, 2017] Republics, and in the Komi Republic [Tatarinova et al., 2007].

*Phymatodes abietinus* was firstly registered in the Tyumenskaya Oblast in 2023, which is the third location in West Siberia where the species has been found.

The present work is registered in ZooBank ([www.zoobank.org](http://www.zoobank.org)) under urn:lsid:zoobank.org:pub:3839C9C7-FEB6-485C-B2EC-9E3C97B2C585

## Results

*Phymatodes abietinus* Plavilstshikov et Lurie, 1960

Figs 1–2.

**Material.** Russia, Tyumenskaya Oblast: 1 spm. — Tyumen, arboretum of the Siberian Forest Experimental Station, on edge of forest clearing, 57°09.577' N, 65°27.481' E, 29.V.2023, D. Galich leg.

**Remarks.** The larvae of this species develop in drying *Abies* trees [Cherepanov, 1981]. However, *Abies* was absent from the sites where they were found in the Mordovian and Chuvash Republics; *Picea* and *Pinus silvestris* were present instead [Egorov, Shapovalov, 2017]. In the Tyumenskaya Oblast, at the Siberian Forest Experimental Station arboretum, the beetle was found on the grass. It is not yet known on which species development takes place here, but the present conifers are *Abies*, *Picea*, *Pinus silvestris*, *Pinus sibirica*, and *Larix*. The arboretum is only directly connected to a small deciduous forest on the eastern side. To the north, a road separates it

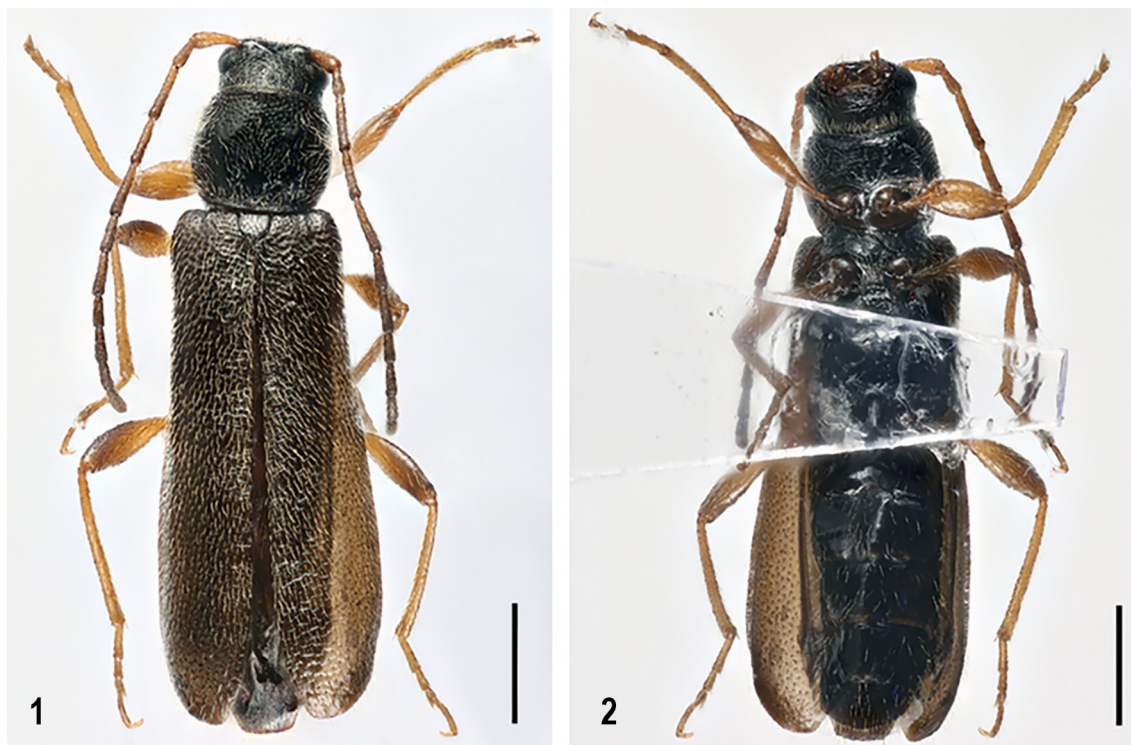


Fig. 1–2. External appearance of *Phymatodes abietinus*. 1 — dorsal view; 2 — ventral view. Scale bar: 1 mm. Photo by S. Sheykin.

Рис. 1–2. Внешний вид *Phymatodes abietinus*. 1 — сверху; 2 — снизу. Масштаб: 1 мм. Фото С. Шейкина.

from a slightly larger green area (Zatyumenskii Park), in the western part of which there are century-old firs that are currently drying out. Otherwise, this territory is not connected to large forest areas, which probably indicates the isolation of the *Ph. abietinus* population on the outskirts of Tyumen.

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