

***DICELOSTERNUS CORALLINUS* GAHAN, 1900 (COLEOPTERA: CERAMBYCIDAE), A NEW SPECIES FOR THE FAUNA OF VIETNAM**

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Abstract

The article contains faunistic data on *Dicelosternus corallinus* Gahan, 1900 (Coleoptera: Cerambycidae) from Vietnam. This species is recorded for Vietnam the first time. Until now, it was known from continental China and Taiwan. New records expand our knowledge on the distribution of *D. corallinus* in the East Asia.

Keywords: fauna, distribution, longhorned beetles, Vietnam, East Asia, *Dicelosternus*

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INTRODUCTION

Dicelosternus corallinus Gahan, 1900 (Coleoptera: Cerambycidae) is a little-known species with insufficient data on its distribution. This longhorned beetle belongs to the subfamily Cerambycinae Latreille, 1825, tribe Trachyderini Dupont, 1836. Currently, there are about 38 714 species of Cerambycidae known in the world fauna. The tribe Trachyderini is represented in the world fauna by 700 species and 150 genera. The monotypic genus *Dicelosternus* belong to this tribe (Tavakilian & Chevillotte 2023).

Dicelosternus corallinus was originally described from Central Formosa (Taiwan). The type of this

species is deposited in the Natural History Museum, London, UK (Tavakilian & Chevillotte 2023). Aurivillius (1912) included it to the catalogue of Taiwan. Later, Schwarzer (1925) recorded this species from several localities in continental China. Matsushita (1933) in his paper on Cerambycidae of the Fauna of the Empire of Japan mentioned this species as occurring in Taiwan and mainland China. Gressitt (1937) recorded this species from South China and included it to the list of Cerambycidae of China. Yu et al. (2002) referred to it in the “Iconographical Book of Wildlife of Taiwan”. In the same year, Hua (2002) provided information on the distribution of this species in China in a “List of Chinese insects”. Ambrus and Tichý (2017) in their article on new and interes-

ting records of the tribe Purpuricenini J. Thomson, 1861 from China and neighboring countries provided data on the distribution of *D. corallinus*. And finally, Grosser and Ambrus (2021) provided new faunistic data on the distribution of this species in Taiwan.

In the scientific literature, there is insufficient information on the distribution of many species of beetles in the Oriental region, it is very important to publish information on the distribution of incompletely studied species. *Dicelosternus corallinus* is one of the species whose range is poorly known. This species may require conservation status. The purpose of this article is to supplement the knowledge about the distribution of this species in the Oriental region.

MATERIAL AND METHODS

The studied specimens of *Dicelosternus corallinus* Gahan, 1900 are deposited in the beetles collection of Daugavpils University, Institute of Life Sciences and Technology, Coleopterological Research Centre (DUBC).

In addition to the scientific literature from which information on the distribution of this species was obtained, the Titan World Cerambycidae database was used (Tavakilian & Chevillotte 2023).

The laboratory research has been performed using Nikon AZ100 digital stereomicroscopes, NIS-Elements 6D software. The habitus photograph was obtained with a digital camera Canon EOS 6D with Canon MP-E 65 mm macro lens, using Helicon Focus auto montage and subsequently was edited with Photoshop.

RESULTS

Dicelosternus corallinus Gahan, 1900

References: Gahan, 1900; Aurivillius, 1912; Schwarzer, 1925; Matsushita, 1933; Gressitt,

1937, 1951; Yu, Nara, Chu, 2002; Hua, 2002; Ambrus, Tichý, 2017; Grosser, Ambrus, 2021.

Examined materials: 4 specimens from Vietnam, Yen Bai, 06.2021 (1), 07.2021 (1), 09.2021 (1); Nghe An, 05.2021 (1). The dorsal view of the beetle is shown in Figure 1, and a map of its distribution in Vietnam is shown in Figure 2.



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Figure 1. Dorsal view of *Dicelosternus corallinus* (Vietnam: Nghe An). © A. Vanaga & A. Shavrin.

Note: This article contains new data about the distribution of *D. corallinus* in Vietnam. Based on four specimens, the species is recorded from two localities of this country. It is recorded here from Vietnam for the first time. This species is probably more widespread in the Oriental region.



Figure 2. Distribution map (red points) of *Dicelosternus corallinus* in Vietnam. Map made by Māris Nitcis.

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