

First record of *Curculio dentipes* (Roelofs, 1875) (Coleoptera, Curculionidae) from Kunashir Island

Первая находка *Curculio dentipes* (Roelofs, 1875) (Coleoptera, Curculionidae) на острове Кунашир

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Ключевые слова: Curculionoidea, Curculionini, новая находка, остров Кунашир, Дальний Восток России.

Abstract. *Curculio dentipes* (Roelofs, 1875) of the tribe Curculionini (Curculionidae: Curculioninae) is recorded from the Kuril Islands, the Russian Far East for the first time.

The present work is registered in ZooBank (www.zoobank.org) under urn:lsid:zoobank.org:pub:20E97607-0BE9-485C-9F0C-30EE1E8C8024

Резюме. В статье приводится первая находка *Curculio dentipes* (Roelofs, 1875) из трибы Curculionini (Curculionidae: Curculioninae) с Курильских островов Дальнего Востока России.

Results

Curculionoidea: **Curculionidae**: Curculioninae:
Curculionini: Curculionina
***Curculio* Linnaeus, 1758**
***Curculio* (*Curculio*) *dentipes* (Roelofs, 1875)**

Figs 1–2.

=*Balaninus arakawai* Matsumura et Kôno, 1928;

=*Balaninus quercivorus* Kôno, 1928;

=*Balaninus shigizo* Kôno, 1928.

Material. Russia, **Sakhalinskaya Oblast**: 1♂ — Kunashir Island, Yuzhno-Kurilsk, Nature Reserve «Kurilskii», cordon Danilovskii, 43°57'17" N, 145°35'34" E, meadow, 4–5.IX.2024, V.V. Dubatolov leg.

Distribution. Russian Far East: Amurskaya Oblast, Jewish Autonomous Oblast, Khabarovskii Krai, Primorskii Krai, Sakhalinskaya Oblast (new record), North and South Korea, Japan (Hokkaido, Honshu, Shikoku, Kyushu, and Tsushima), and China (Anhui, Beijing, Fujian, Guangxi, Heilongjiang, Henan, Jiangsu, Jilin, Jiangxi, Liaoning, Inner Mongolia, Sichuan, Shaanxi, Shandong, Shanxi, and Zhejiang) [Ter-Minassian, 1956; Egorov, 1977, 1979; Egorov et al., 1996; Pelsue, Zhang, 2005; Legalov, 2009, 2010, 2020; Legalov et al., 2009; Hong et al., 2012; Legalov, Dubatolov, 2021; Legalov, Sergeev, 2022; Alonso-Zarazaga et al., 2023; A catalog..., 2025.].

Trophic relations. The larvae develop in the acorns of *Quercus mongolica* Fisch. ex Ledeb. [Egorov et al., 1996], *Q. serrata* Murray [Lee, Morimoto, 1996], *Q. acutissima* Carruth., *Q. dentata* Thunb. and *Q. variabilis* Blume [Hong et al., 2012].

Remarks. This species is common on oak trees in the continental part of the southern Russian Far East, as well as in Korea, China and Japan, particularly on the island of Honshu

Introduction

The genus *Curculio* (Linnaeus, 1758) comprises over 300 species and is widespread across the globe [Alonso-Zarazaga, Lyal, 1999]. In total, 165 species are known from the Palearctic [Alonso-Zarazaga et al., 2023]. In the Russian Far East, this genus is represented by 19 species [Legalov, 2020; Alonso-Zarazaga et al., 2023]. Of these, only *C. (Curculio) aino* (Kono, 1930), *C. (C.) distinguendus* (Roelofs, 1875) and *C. (C.) funebris* (Roelofs, 1875) were known from the Kuril Islands [Krivolutskaya et al., 1978; Egorov et al., 1996; Legalov, 2020]. However, new discoveries of weevils are quite often made in the south of the Far East [Legalov, Sergeev, 2018, 2022; Legalov, Dubatolov, 2021a, b, 2022, 2025; Zabaluev, 2021; Legalov, 2023, 2024].

This paper presents the first discovery of *Curculio dentipes* (Roelofs, 1875) in the Kuril Islands, Sakhalinskaya Oblast, Russia.

Materials and methods

The systematics of the studied taxa based on Pelsue and O'Brien [2011], Alonso-Zarazaga et al. [2023]. Specimen is deposited in the Institute of Systematics and Ecology of Animals, Novosibirsk, Russia.



Figs 1–2. Details of morphology of *Curculio dentipes* male from Kunashir Island. 1 — External appearance, dorsal view, 2 — apex of aedeagus, dorsal view. Scale bar: 1 — 5.0 mm, 2 — 0.5 mm.

Рис. 1–2. Детали морфологии самца *Curculio dentipes* с острова Кунашир. 1 — внешний вид, сверху, 2 — вершина эдеагуса, сверху. Масштаб: 1 — 5,0 мм, 2 — 0,5 мм.

(<https://www.inaturalist.org/taxa/498908-Curculio-dentipes>). It has not been found on Sakhalin Island and was previously unknown in the Kuril Islands [Legalov, 2020]. It is also rare on Hokkaido.

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