

RESEARCH ARTICLE

First record of *Dendrobaris tatjanae* (Egorov, 1976) (Insecta: Coleoptera: Curculionidae) from Novosibirsk Oblast'

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The first record of *Dendrobaris tatjanae* Egorov, 1976 for Novosibirsk Oblast' is presented. It is the most western locality of the species. Distribution map of *D. tatjanae* is given.

Keywords: Insecta; Coleoptera; Curculionoidea; Conoderinae; new records; Siberia; Russian Far East

The weevil fauna of Novosibirsk Oblast' is well studied (Legalov, Opanassenko, 2000; Legalov, 2009), but new finds are possible. In 2018, relict nemoral *Dendrobaris tatjanae* was collected in the northeast of Novosibirsk Oblast'. The species is the single representative of the East Asian genus *Dendrobaris* Egorov, 1976 (Morimoto and Yoshihara, 1996; Zherikhin, 1997) in Siberia. Some nemoral species of the weevils are known from Siberia (Legalov, 2010, 2011), because each record deserves attention.

Materials and methods

A specimen from Novosibirsk Oblast' is kept in the private collection of S.V. Reshetnikov (Novosibirsk), other studied specimens are kept in the Institute of Systematics and Ecology of Animals of the Siberian Branch, Russian Academy of Sciences (Novosibirsk) and Zoological Institute of the Russian Academy of Sciences (St. Petersburg).

The systematics of studied taxon is from Legalov (2018c).

Results

Subfamily Conoderinae Schoenherr, 1833

Supertribe Baridintae Schoenherr, 1836

Tribe Madarini Jekel, 1865

Subtribe Barymerina Lacordaire, 1865

Genus *Dendrobaris* Egorov, 1976

Dendrobaris tatjanae Egorov, 1976

Figs. 1-3.

Material examined: 1 ex., Novosibirsk Oblast', Kolyvanskii Distr., env. Kandaurovo, 55.668623 N, 83.245442 E, *Pinus sibirica* forest, 12.VI.2018, S.V. Reshetnikov.

Distribution. Novosibirsk Oblast', Kemerovo Oblast', Krasnoyarskii Krai, Altai Republic, Tuva Republic, Irkutsk Oblast', Primorskii Krai (Egorov, 1976; Zherichin, 1997; Legalov, 2010; Legalov and Borisova, 2011).

Discussion

This nemoral species has a disjunctive area (fig. 3). It is distributed in the dark-needle taiga of the Altai-Sayan mountain system and Primorsky Krai. In the Late Pleistocene (Kazantseva) Optimum, *Dendrobaris tatjanae* probably was widespread (as was shown by Dubatolov and Kosterin (2000) for Lepidoptera) in Siberia and the south of the Far East, but later the area was divided with climate change.

The fauna of the supertribe Baridintae from Siberia and the Russian Far East is quite diverse (Zaslavskij, 1956; Egorov, 1976a, 1976b; Zherichin, 1997; Legalov, 2010; Alonso-Zarazaga et al., 2017; etc.). *Baris analis* (Olivier, 1791), *B. artemisiae* (Panzer,

1794), *B. auliensis* Reitter, 1901, *B. charbinensis* Zaslavskij, 1956, *B. kiritshenkoi* Zaslavskij, 1956, *B. nesapia* Faust, 1887, *B. sulcata* (Boheman, 1836), *Neobaris logunovi* Legalov, 1999, *Labiaticola sibiricus* (Faust, 1890), *Cosmobaris scolopacea* (Germar, 1819) [= *borkhsenii* Zaslavskij, 1956], *Aulacobaris janthina* (Boheman, 1836), *A. lepidii* (Germar, 1823), *A. kaszabi* Korotyayev, 1995, *A. violaceomicans* (A. Solari et F. Solari, 1905), *Ulobaris kuchenbeisseri* (Hartmann, 1899) [= *ussuriensis* Zaslavskij, 1956; = *chinganensis* Zaslavskij, 1956; = *pseudospitzyi* Zaslavskij, 1956], *Anthinobaris dispilota* (Solsky, 1870), *Psilarthroides czerskyi* (Zaslavskij, 1956) [= *laferi* Egorov, 1976], *Athesapeuta gracilis* (Voss, 1958), Apostasimerini: *Centrinopsis nitens* Roelofs, 1875, Diorymerina: *Limnobaris dolorosa* (Goeze, 1777) [= *jucunda* Reitter, 1910], *L. japonica* Yoshihara & Morimoto, 1994, *L. t-album* (Linnaeus, 1758), *L. albosparsa* Reitter, 1910, Madarini: Neosharpiina: *Pellobaris melancholica* (Roelofs, 1875), *Dendrobaris kurentzovi* (Egorov, 1976), *D. tatjanae* (Egorov, 1976), *Pharcidobaris pilosa* (Roelofs, 1875) [= *piliventris* Zaslavskij, 1956; = *suvorovi* Reitter, 1910], *Moreobaris repandirostris* (Zaslavskij, 1956), and *Nespilobaris accidirostris* (Zaslavskii, 1956) are known from Siberia and the Russian Far East.



Figure 1-3. *Dendrobaris tatjanae*, Novosibirsk Oblast', male. 1 - dorsal view; 2 - ventral view; 3 - lateral view

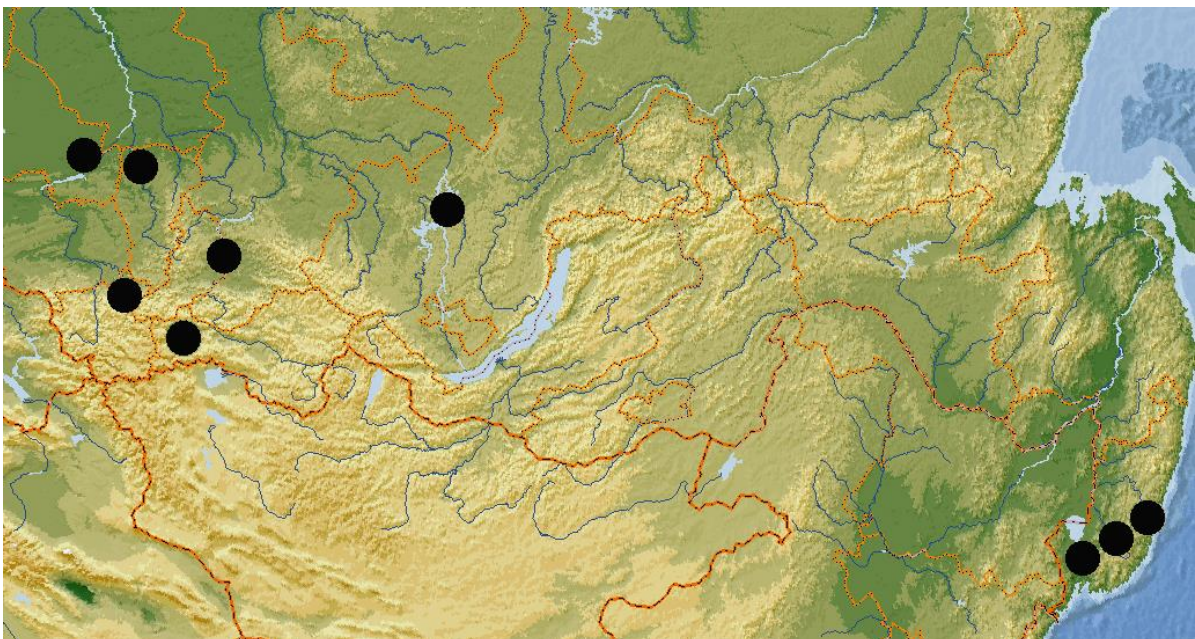


Figure 4. Distribution of *Dendrobaris tatjanae*

Acknowledgments

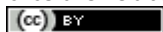
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