

RESEARCH ARTICLE

First record of *Cionus latefasciatus* Voss, 1956 (Insecta: Coleoptera: Curculionidae) in the Russian fauna

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The first record of *Cionus latefasciatus* Voss, 1956 for Russia is presented. Distribution map of the species and faunistic remarks of the genus *Cionus* from the Russian Far East are given.

Keywords: Insecta; Coleoptera; Curculionoidea; Cionini; fauna; new records; Russian Far East

The tribe Cionini is a monophyletic group with seven genera (Caldara et al., 2014). 18 species from four genera were included in the Russian Fauna (Isaev, 1994; Legalov, 2007, 2010; Alonzo-Zarazaga et al., 2017; etc.). The tribe Cionini was presented by three genera, *Cionus* Clairville, 1798 with two species (*Cionus helleri* Reitter, 1904 and *C. tamazo* Kôno, 1930), *Stereonychus* Suffrian, 1854 with two species (*S. japonicus* Hustache, 1920 and *S. thoracicus* Faust, 1887) and *Stereonychidius* Morimoto, 1962 with one species (*S. galloisi* (Hustache, 1920)) from the south of the Russian Far East (Egorov, 1976; Egorov, Basarukina, 1981; Legalov, 2009, 2010; Hong et al., 2012; Alonso-Zarazaga et al., 2017). *Cionus helleri* was recorded from the Primorskii Krai, Sakhalin and Kuril Islands (Legalov, 2009, 2010), and *Cionus tamazo* from Sakhalin and Kuril Islands (Egorov, Basarukina, 1981). Determinations of *C. helleri* by Legalov (2009) were wrong. All specimens that were studied from Primorskii Krai and Kunashir Island belong to *C. tamazo*. The question of the finding of *C. helleri* in Russia is unanswerable. This species is not noted for Russia in the review of Korean Curculioninae (Hong et al., 2012). A new species of the genus *Cionus* for the Russian fauna is given in the presented article.

Materials and methods

Studied specimens are kept in the Institute of Systematics and Ecology of Animals (Novosibirsk). Photographs were performed using the Zeiss Stemi 2000-C dissecting stereomicroscope.

Results

Family Curculionidae

Subfamily Curculioninae

Tribe Cionini

Cionus latefasciatus Voss, 1956

Figs. 1-4.

Material examined: 10 ex., Russia, Primorski Krai, Furugelm Island, 17-21.VIII.2018, M. Sergeev.

Distribution. South of the Russian Far East, Japan, NE China (fig. 4).

Cionus tamazo Kôno, 1930

Material examined: 1 ex., Russia, Primorski Krai, Lazovskii rez., cordon Korpad', 16-19.VII.2005, Yu. Sundukov, V. Shokhrin; 1 ex., Primorski Krai, Lazovskii Distr., Glazkovka, 8-20.VIII.2007, V. Shokhrin; 4 ex., Kuril Islands, Kunashir Is., Severyanka River, *Scrophularia grayana*, 26-29.VI.2008.

Distribution. South of the Russian Far East, Kora, Japan, China.

Discussion

Cionus latefasciatus Voss, 1956 was described from Kyushu (Voss, 1956) and recorded from China (Xu et al., 2009). This species is easily distinguished from other species in the colour of scales on the pronotum and elytra (figs. 1-2).

Cionus caucasicus Reitter, 1888, *C. clairvillei* Boheman, 1838, *C. gebleri* Gyllenhal, 1838, *C. helleri*, *C. hortulanus* (Geoffroy, 1785), *C. latefasciatus*, *C. leonhardi* Wingelmüller, 1914, *C. longicollis* Brisout de Barneville, 1863, *C. nigritarsis* Reitter, 1904, *C. olens* (Fabricius, 1792), *C. olivieri* Rosenschöld, 1838, *C. scrophulariae* (Linnaeus, 1758), *C. tamazo*, *C. thapsus* (Fabricius, 1792), *C. zonovi* Korotyaev, 1984, *Nanomicrophyes cyanipennis* (Weise, 1880), *Stereonychus japonicus*, *S. thoracicus* and *Stereonychidius galloisi* (Hustache, 1920) of the tribe Cionini are recorded in the Russian fauna.

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Figures 1-3. *Cionus latefasciatus*. 1 - male, dorsally; 2 - female, dorsally; 3 - aedeagus, dorsally. Scale bar 1.0 mm.



Figure 4. Distribution of *Cionus latefasciatus*.

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