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MATERIALS TO A FAUNA OF THE LEAF-ROLLING WEEVILS (COLEOPTERA: RHYNCHITIDAE, ATTELABIDAE) FROM THE SOUTH PART OF PRIMORSKII KRAI

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New data on distribution and host plants of the leaf-rolling weevils collected in 2006 in Primorskii krai are given.

KEY WORDS: Coleoptera, Rhynchitidae, Attelabidae, Russian Far East, host plant, distribution.

A. A. Легалов¹⁾, Е. Ю. Шевнин²⁾. Материалы к фауне трубковертов (Coleoptera: Rhynchitidae, Attelabidae) юга Приморского края // Дальневосточный энтомолог. 2007. N 177. С. 1-8.

По сборам 2006 г. приводятся новые сведения о находках 29 видов трубковертов и их кормовых растениях в Приморском крае.

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INTRODUCTION

First data on the leaf-rolling weevils of the Russian Far East was published by Motschulsky (1860), Solsky (1872) and Faust (1882, 1884, 1887).

Although the data on distribution and ecology of this beetles in Primorskii krai are published by Djukin (1915); Voss (1925, 1927, 1929, 1930a, b, 1931, 1938, 1941, 1969), Samoilov (1936); Ter-Minassian (1944a, b, 1950, 1959, 1974); Azarova & Kupjanskaja (1972); Azarova (1981); Egorov (1996a, b), and Legalov (2002a, b, 2003, 2004, 2005, 2006a-d), however this group remains still weakly studied.

In this paper the list of the 29 species collected by author's in Ussuriiskii District (Gornotayezhnoe), Shkotovskii District (Romanovka, Dushkino), and vicinities of Vladivostok is given. The information on the distribution of species in Russia and other countries is available in the annotated list (Legalov, 2006a).

LIST OF THE SPECIES

Family Rhynchitidae Gistel, 1848

Tribe Auletini Desbrochers des Loges, 1908

Auletobius (s. str.) *sanguisorbae* (Schrank, 1798)

MATERIAL. Primorskii krai: Gornotayezhnoe, on *Sanguisorba*, 14-18.VII 2006, 1 ex.; Dushkino, on *Sanguisorba*, 21.VII 2006, 1 ex.

Auletobius (s. str.) *egorovi* Legalov, 2006

MATERIAL. Primorskii krai: Romanovka, on buds of *Securinea suffruticosa*, 24.VII 2006, 8 ex.

NOTES. *Securinea suffruticosa* (Euphorbiaceae) is mentioned for this species as host plant for the first time.

Tribe Eugnamptini Voss, 1930

Neoeugnamptus amurensis (Faust, 1882)

MATERIAL. Primorskii krai: Gornotayezhnoe, on young leaves of *Betula*, 14-18.VII 2006, 2 ex.

Tribe Isotheini Scudder, 1893

Eusproda proxima (Faust, 1882)

MATERIAL. Primorskii krai: Dushkino, on *Lespedeza bicolor*, 21.VII 2006, 2 ex.; Vladivostok, on *L. bicolor*, 23-25.VII 2006, 1 ex.

NOTES. This species is common in Primorskii krai. Female gnaw the sprouts of *Lespedeza bicolor*.

***Deporaus (Roelofsia) affectatus* Faust, 1887**

MATERIAL. Primorskii krai: Gornotayezhnoe, on young leaves of *Quercus mongolica*, 14-18.VII 2006, 1 ex.; on *Q. mongolica*, 21.VII 2006, 1 ex.; Vladivostok, on *Q. mongolica*, 23-25.VII 2006, 1 ex.

NOTES. This species is abundant on the young leaves of oak in Primorskii krai.

***Deporaus (Roelofsia) unicolor* (Roelofs, 1874)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on young leaves of *Quercus mongolica*, 14-18.VII 2006, 8 ex.; Dushkino, on *Q. mongolica*, 21.VII 2006, 4 ex.; Vladivostok, on *Q. mongolica*, 23-25.VII 2006, 9 ex.

NOTES. This species live together with *D. affectatus* on oak, but it is less abundant.

***Deporaus (s. str.) betulae* (Linnaeus, 1758)**

MATERIAL. Primorskii krai: Gornotayezhnoe, *Betula*, 14-18.VII 2006, (tubes).

***Caenorhinus (Orientarodepus) minimus* (Kâno, 1928)**

MATERIAL. Primorskii krai: Vladivostok, on *Lespedeza bicolor*, 23-25.VII 2006, 3 ex.

NOTES. Female gnaw the tops of *Lespedeza bicolor* sprouts.

***Caenorhinus (s. str.) mannerheimi* (Hummel, 1823)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on leaves of young sprouts of *Quercus* and *Betula*, 14-18.VII 2006, 1 ex.; Dushkino, on leaves of young sprouts of *Quercus*, 21.VII 2006, 2 ex.; Vladivostok, on young leaves of *Quercus mongolica*, 23-25/VII 2006, 1 ex.

NOTES. It is abundant in Primorskii krai on the oak.

Tribe Rhynchitini Gistel, 1848

***Temnocerus (s. str.) japonicus* (Morimoto, 1958)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on young *Betula*, 14-18.VII 2006, 1 ex.

***Cneminvulvulus (s. str.) rugosicollis* (Voss, 1920)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on young sprout of *Quercus mongolica*, 14-18.VII 2006, 1 ex.

Teretriorhynchites (Aphlorhynchites) amabilis (Roelofs, 1874)

MATERIAL. Primorskii krai: Romanovka, 24.VII 2006, 1 ex.

Teretriorhynchites (s. str.) caeruleus (De Geer, 1775)

MATERIAL. Primorskii krai: Gornotayezhnoe, on young *Padus asiatica*, 14-18.VII 2006, 3 ex.

NOTES. Female gnaw the sprouts of *Padus asiatica*.

Parinvolvulus (Nigroinvovulus) zherichini (Legalov, 2004)

MATERIAL. Primorskii krai: Gornotayezhnoe, on *Berberis amurensis*, *B. koreana*, 14-18.VII 2006, 9 ex.

Tribe Byctiscini Voss, 1923

Svetlanaebyctiscus vitis (Ter-Minassian, 1959)

MATERIAL. Primorskii krai: Gornotayezhnoe, on young fruits of *Vitis amurensis*, 14-18.VII 2006, 4 ex.

Byctiscus princeps (Solsky, 1872)

MATERIAL. Primorskii krai: Gornotayezhnoe, on young *Ulmus propinqua*, 14-18.VII 2006, 1 ex.

REMARKS. Beetles roll the cigars and feed the young sprouts. In Legalov (2006a) *Euonymus* was determined incorrectly as the host plant for *B. princeps* and *B. regularis*, the beetles have been collected on *Ulmus propinqua*.

Byctiscus regularis Voss, 1930

MATERIAL. Primorskii krai: Gornotayezhnoe, on young *Ulmus propinqua*, 14-18.VII 2006, 2 ex.

NOTES. Beetles roll the cigars and feed the young sprouts.

Byctiscus populi (Linnaeus, 1758)

MATERIAL. Primorskii krai: Gornotayezhnoe, on *Populus davidiana*, 14-18.VII 2006, 1 ex.

Aspidobyctiscus (s. str.) lacunipennis (Jekel, 1860)

MATERIAL. Primorskii krai: Gornotayezhnoe, on *Vitis amurensis*, 14-18.VII 2006, 4 ex.; Vladivostok, on *V. amurensis*, 23-25 VII 2006, 2 ex.

Family Attelabidae Billberg, 1820
Subfamily Attelabinae Billberg, 1820
Tribe Euopsini Voss, 1925

***Parasynaptopsis lespedezae* (Sharp, 1889)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on *Lespedeza bicolor*, 14-18.VII 2006, 7 ex.; Dushkino, on *L. bicolor*, 20.VII 2006, 1 ex.; Vladivostok, on *L. bicolor*, 23-25.VII 2006, 3 ex.; Romanovka, on *L. bicolor*, 24.VII 2006, 1 ex.

Tribe Attelabini Billberg, 1820

***Cyrtolabus christophi* (Faust, 1884)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on young leaves of *Quercus mongolica*, 14-18.VII 2006, 4 ex.; Vladivostok, on young leaves of *Q. mongolica*, 23.VII 2006, 1 ex.

NOTES. Beetles roll the cigars and feed the leaves. For this species *Quercus mongolica* is mentioned as a host plant for the first time.

Subfamily Apoderinae Jekel, 1860
Tribe Hoplapoderini Voss, 1926

***Phymatapoderus flavimanus* (Motschulsky, 1860)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on *Urtica*, 14-18.VII 2006, 2 ex.; Dushkino, on *Urtica*, 20.VII 2006, 1 ex.; Vladivostok, on *Urtica*, 23-25.VII 2006, 1 ex.

***Tomapoderus ruficollis* (Fabricius, 1781)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on young *Ulmus propinqua*, 14-18.VII 2006, 1 ex.; Vladivostok, on *U. propinqua*, 23-25.VII 2006, 1 ex.

Tribe Apoderini Jekel, 1860

***Comsapoderus* (s. str.) *erythropterus* (Gmelin, 1790)**

MATERIAL. Primorskii krai: Gornotayezhnoe, 14-18.VII 2006, 1 ex.; Dushkino, 20.VII 2006, 1 ex.; Vladivostok, 23-25.VII 2006, 1 ex.; Romanovka, on *Ulmus pumila*, 24.VII 2006, 1 ex.

***Leptapoderus* (s. str.) *rubidus* (Motschulsky, 1860)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on *Rhododendron*, 14-18.VII 2006, (tubes).

NOTES. For this species *Rhododendron* sp. (Ericaceae) is mentioned as host plant for the first time.

***Leptapoderus (Paraleptapoderus) carbonicolor* (Motschulsky, 1860)**

MATERIAL. Primorskii krai: Dushkino, 21.VII 2006, 1 ex.; Vladivostok, on *Cacalia hastata*, 23-25.VII 2006, 3 ex.

NOTES. *Cacalia hastata* (Asteraceae) is mentioned for this species as host plant for the first time.

***Apoderus (s. str.) coryli* (Linnaeus, 1758)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on young *Betula*, 14-18.VII 2006, 3 ex.; Vladivostok, on *Corylus*, 23-25.VII 2006, 1 ex.

***Cycnotrachelodes (s. str.) cyanopterus* (Motschulsky, 1860)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on *Lespedeza bicolor*, 14-18.VII 2006, (tubes); Dushkino, 20.VII 2006, 1 ex.; Vladivostok, on *L. bicolor*, 23-25.VII 2006, 2 ex.

***Paracycnotrachelus longiceps* (Motschulsky, 1860)**

MATERIAL. Primorskii krai: Gornotayezhnoe, on young *Quercus mongolica*, *Corylus*, 14-18.VII 2006, 6 ex.

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