

New data on rare beetles (Insecta, Coleoptera) in Latvia

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Abstract

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New data on 30 rare species of beetles in Latvia including 16 species from Red Data Book of Latvia are given in article. Two species of longhorn beetles (Cerambycidae) - *Anoplodera scutellata* F. and *Cyrtoclytus capra* (Germar) are rediscovered in Latvia.

Key words: *Coleoptera*, Latvia, rare species.

Introduction

Faunal data on rare and endangered species are important for mapping of distribution of these species and for protection of these species. The information on 30 rare species of beetles is given in the article, 16 of them are included in Red Data Book of Latvia (Spuris, 1998). Data have been collected in 1995 - 2000. Material is deposited in the Institute of Biology of University of Latvia and in collection of J. Gailis.

Information on localities, collecting dates, number of collected individuals and name of collector (Jānis Gailis - J.G., Kristaps Vilks - K.V., Voldemārs Spuņģis - V.S., Rolands Lebus - R.L. and Bengt Ehnström - B.E.) are given in the list of species. Species marked by asterisk are included in Red Data Book of Latvia: (*) - 1st, (**) - 2nd category, (***) - 3rd category, (****) - 4th category.

List of species

Cicindelidae Latreille, 1802

Cicindela maritima Dejean, 1822 ***

Kolka 29.07.1999 (1, J.G.). During the period of 01-31.07.1999 about 50 individuals observed on the beach.

Carabidae Latreille, 1802

Carabus coriaceus Linnaeus, 1758 ***

Bergi 23.09.1997 (1, K.V.), Lielaucē 07.07.1999 (1, J.G.), 21.08.-04.09.1999 (1, J.G. - caught by pit - fall trap), Ratnieki 09.08.2000 (2, R.L.).

Silphidae Latreille, 1802

Dendroxena quadrimaculata (Scopoli, 1772) **

Lielaucē 29.05.-12.06.1999 (1, J.G. - caught by pit-fall trap).

Staphylinidae Latreille, 1807

Velleius dilatatus (Paykull, 1787) ***

Lielaucē 10.07.-24.07.1999 (4, J.G. - caught by window trap), 05.08.2000 (1, J.G.).

Scarabaeidae Latreille, 1802

Liocola marmorata (Fabricius, 1792) **

Līgo 03.08.1997 (1, K.V.), Slītere 20.07.2000 (1, V.S.).

Gnorimus nobilis (Linnaeus, 1758) *

Slītere 20.07.2000 (6, J.G., V.S., K.V.), Vīdale 20.07.2000 (1, V.S.). About 200 individuals were observed in Slītere which is the single known recent locality in Latvia (Andrušaitis, 1998).

Gnorimus variabilis (Linnaeus, 1758) *

Slītere 20.07.2000 (1, V.S.).

Lucanidae Latreille, 1806

Dorcus parallelipedus (Linnaeus, 1758) **

Dobeles 18.06.1999 (1, J.G.)

Ceruchus chrysoelinus (Hochenwarth, 1785) *

Slītere 18.06.1999 (4, J.G.), 16.07.2000 (2, V.S.).

Elateridae Leach, 1815

Athous rufus (De Geer, 1774) **

Kolka 28.07.1999 (1, V.S.), 29.07.1999 (1, V.S.).

Buprestidae Leach, 1815

Buprestis mariana Linnaeus, 1758 ****

Kolka 01.07.1999 (1, J.G.), Zīle 26.04.2000 (1, J.G., remains of beetle), Garkalne 14.06.2000 (2, K.V.), Kolka 21.07.2000 (1, K.V.).

Trogossotidae Latreille, 1802

Peltis grossa (Linnaeus, 1758)

Dundaga 19.06.1999 (1, B.E.).

Meloidae Gyllenhal, 1810

Meloe proscarabaeus Linnaeus, 1758 **

Apgulde 16.05.1999 (1, J.G.)

Cerambycidae Latreille, 1802

Stenocorus meridianus (Linnaeus, 1758) ****

Dundaga 19.06.1999 (1, J.G.), Saulkrasti 10.07.2000 (1, R.L.), Slītere 20.07.2000 (2, about 20 individuals observed, J.G., V.S., K.V.).

Anoplodera sexguttata (Fabricius, 1775) *

Turaida 05.06.1999 (2, K.V.), Moricsala 20.06.1999 (1, K.V.), oak forest at Pededze river 06.06.2000 (1, K.V.).

Anoplodera virens (Linnaeus, 1758)

Liedsmala 06.07.1995 (1, K.V.), 23.07.1995 (1, K.V.), Līgo, 04.07.1996 (1, K.V.), 06.07.1996 (1, K.V.), Liedsmala 25.07.1996 (about 40 individuals observed, K.V.), 28.07.1997 (2, K.V.), Līgo 05.08.1996 (1, K.V.), Ilgas 06.07.2000. (1, K.V.).

Anoplodera scutellata Fabricius, 1781

Slītere 20.07.2000 (3, J.G., V.S., K.V., locality is single one in Baltic States (Pileckis, Monsevičius, 1997; Suda, Milander, 1998)).

Leptura maculata Poda, 1761

Slītere 20.07.2000 (1, J.G.), Vīdale 20.07.2000 (3, K.V.).

Leptura mimica Bates, 1884

Līgo 07.07.1996 (1, K.V.), 20.08.1997 (1, K.V.).

Leptura nigra Linnaeus, 1758

Slītere 20.07.2000 (1, K.V.).

Leptura pubescens Fabricius, 1787

Liedsmala 18.07.1996 (1, K.V.), 29.07.1996 (2, about 25 individuals observed, K.V.), 08.08.1997 (1, K.V.), 28.07.1997 (1, K.V.), Līgo 06.07.1996 (4, K.V.), 29.07.1997 (1, K.V.).

Necydalis major Linnaeus, 1758 **

Kolka 08.07.1999 (1, J.G.), Saunags 22.07.2000 (1, V.S.).

Obrium brunneum (Fabricius, 1792)

Vīdale 20.07.2000 (1, K.V.).

Aromia moschata (Linnaeus, 1758) ****

Vīdale 20.07.2000 (1, V.S.), Auce 29.07.2000 (1, J.G.).

Callidium coriaceum (Paykull, 1800)

Lielaucē 12.06.-26.06.1999 (1, J.G., caught by window trap).

Cyrtoclytus capra (Germar, 1824)

Slītere 20.07.2000 (2, V.S.).

Plagionotus detritus (Linnaeus, 1758)

Oak forest at Pededze river 06.06.2000 (3, K.V.).

Monochamus urussovi (Fischer von Waldheim, 1806)

Liedsmala 19.08.1997 (1, K.V.), Līgo 20.08.1997 (1, K.V.), Dundaga 20.07.2000 (3, V.S.).

Pogonocherus hispidulus (Piller, Mitterpacher, 1783)

Turaida 29.05.1999 (1, K.V.).

Acanthoderes clavipes (Schrank, 1781)

Līgo 24.06.1996 (1, K.V.), 11.08.1997 (1, K.V.), 19.08.1997 (1, K.V.), 20.08.1997 (2, K.V.), Auce 22.06.2000 (1, J.G.).

Anoplodera scutellata Fabricius and *Cyrtoclytus capra* (Germar) are proved for Latvia. These species were reported from Northern Kurland by J.H. Kawall more than 130 years ago (Spuris, 1984), the presence of them was not proven later. There is mentioned in literature that the presence of both these species in territory of Latvia is not proved. That is reason why these species were included in the Catalogue of longhorn beetles of Latvia (Spuris, 1984) and in the Check-list of Latvian beetles (Telnov et al. 1997) without order number. In both publications, *A. scutellata* is incorrectly included in genus *Leptura*. New localities of *A. scutellata* and *C. capra* (Slītere, meadows at the bottom of Zilie kalni hills opposite Dāvida ravine) and region mentioned by J. H. Kawall coincides. Both species are extremely rare in Latvia. After the rediscovering of *A. scutellata* and *C. capra* the number of longhorn beetles in Latvia increases from 109 to 111 species.

Kopsavilkums

Rakstā sniegtas ziņas par 30 retām, tajā skaitā 16 Latvijas Sarkanajā grāmatā iekļautajām, vaboļu sugām. Divām koksngraužu dzimtas (*Cerambycidae*) sugām - *Anoplodera scutellata* Fabricius un *Cyrtoclytus capra* (Germar) pierādāta eksistēšana Latvijas teritorijā.

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