

DATA ABOUT NEW BEETLE (COLEOPTERA) SPECIES FOUND IN LITHUANIA

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Introduction

The most comprehensive list of Lithuanian Coleoptera containing 3597 species of beetles was recently presented by Tamutis *et al.* (2011). During the recent years were published some new data about insufficiently known beetles groups in Lithuania, presented data about new for Lithuania beetles species (Ferenca *et al.*, 2013; Ivinskis *et al.*, 2013; Monsevičius, 2013; Tamutis, 2012).

The aim of this paper is to present new faunistic data of Lithuanian beetles (Coleoptera), which were found after inspection of newly collected and preserved material in collections of Laboratory of Entomology.

Material and methods

The material was collected during field research in different districts of Lithuania. Beetles were collected by sweeping nets, Barber's traps in different habitats, window traps, and light traps with 150 W and 300 W lamps, also some specimens have been found during the typical habitat inspection and during the revision of collections. The material is deposited in the collection of Laboratory of Entomology, Institute of Ecology, Nature Research Centre. Several abbreviations are used in the text, namely: J.R. – Jolanta Rimšaitė; P.I. – Povilas Ivinskis, A.M. – Aleksandr Meržijevskij, A.S. – Aldona Stanionytė, A.J. – Algimantas Jakimavičius. For determination Freude *et al.* (1965–1989) keys were used.

List of localities

Ignalina district	Rojus	55°31'54.78"N, 26°21'43.43"E;
Curonian Spit	Juodkrantė (1)	55°31'08.30"N, 21°06'41.40"E;
	Juodkrantė (2)	55°31'13.50"N, 21°06'43.40"E;
	Juodkrantė (3)	55°31'04.82"N, 21°06'43.70"E;
	Nagliai nature reserve	55°26'48.32"N, 21°05'35.83"E;
Kaišiadorys district	Girelė	54°45'19.35"N, 24°33'41.21"E;
	Norkūnai forest	54°45'12.64"N, 24°11'26.99"E;
Kaunas	Vytautas park	54°53'53.08"N, 23°55'45.42"E;
Kaunas	Kaunas oak park (Ažuolynas)	54°53'58.49"N, 23°56'24.93"E;
Kupiškis district	Paketuriai	55°50'53.96"N, 24°57'55.24"E;
Ukmergė district	Smiltynė	55°18'20.28"N, 24°52'36.25"E;
Varėna district	Merkinė	54°09'23.80"N, 24°10'46.95"E;
Vilnius district	Kalniškės	54°50'48"N, 25°10'38"E;

List of species

ADERIDAE

***Euglenes oculatus* (Paykull, 1798)**

Ąžuolynas, 12 07 2009, 1 spec. (A.M.); Juodkrantė (1), 29 07 2013–12 08 2013, 1 spec. (P.I & J.R.), windows trap; Vytautas park, 19 07 2008, 1 spec. (A.M.).

Beetles of this species are found in Latvia, Denmark, southern Sweden, western Belarus, northern Poland (Alexandrovich *et al.*, 1996; Burakowski *et al.*, 1987; Lundberg & Gustafsson, 1995; Telnov, 2004; Tamutis *et al.*, 2011). The specimens were found in habitats with high amount of decaying wood.

BRENTIDAE

***Ceratapion (Angustapion) austriacum* (Wagner, 1904)**

Rojus, 25 06 1974, 1 spec. (A.S.).

Beetles of this species are found in Latvia, Estonia, Denmark, Poland (Lundberg & Gustafsson, 1995; Telnov *et al.*, 2005; Smreczynski, 1965; Wanat & Mokryzcki, 2005; Tamutis *et al.*, 2011).

***Squamapion atomarium* (W. Kirby, 1808)**

Girelė, 04 09 1974, 1 spec. (A.S.).

Beetles of this species are found in Latvia, Estonia, Denmark, southern Sweden, throughout Belarus and Poland (Alexandrovitch *et al.*, 1996; Lundberg & Gustafsson, 1995; Smreczynski, 1965; Wanat & Mokryzcki, 2005; Telnov, 2004; Tamutis *et al.*, 2011).

CHRYSOMELIDAE

***Psylliodes (Psylliodes) isatidis* Heikertinger, 1912**

Kalniškės, 29 10 2013, 1 spec. (P.I.).

Beetles of this species are found in southern Sweden, Estonia, Finland, Latvia, Poland (Alonzo-Zarazaga, 2013; Lundberg & Gustafsson, 1995; Tamutis *et al.*, 2011).

CRYPTOPHAGIDAE

***Atomaria (Atomaria) atra* Herbst, 1793**

Juodkrantė (1), 20 05 2013–03 06 2013, 1 spec. (P.I & J.R.), windows trap.

Beetles of this species are found in Latvia, northwestern Belarus, northeastern Poland (Alexandrovitch *et al.*, 1996; Burakowski *et al.*, 1987; Tamutis *et al.*, 2011; Telnov, 2004). Specimen were found in forest habitat with high amount of decaying wood.

***Cryptophagus populi* Paykull, 1800**

Kalniškės, 31 05 2013, 1 spec. (P.I.).

Beetles of this species are found in Latvia, Estonia, Denmark, Sweden, northern Poland, Belarus (Burakowski *et al.*, 1987; Lundberg & Gustafsson, 1995; Otero *et al.*, 2013; Silfverberg, 2004; Tamutis *et al.*, 2011; Telnov, 2004).

CURCULIONIDAE

***Tychius (Tychius) trivialis* Boheman, 1843**

Nagliai nature reserve, 20 05 2013, 1 spec. (P.I.).

Beetles of this species are found in Estonia, Denmark, Poland (Lundberg & Gustafsson, 1995; Silfverberg, 2004; Smreczynski, 1972; Wanat & Mokryzcki, 2005; Tamutis *et al.*, 2011).

***Ceutorhynchus inaffectatus* Gyllenhal, 1837**

Paketuriai, 11 05 2004, 3 spec. (P.I.).

Beetles of this species are found in Latvia, Estonia, Denmark, southern Sweden, throughout Poland (Lundberg & Gustafsson, 1995; Smreczynski, 1974; Wanat & Mokrzczi, 2005; Tamutis *et al.*, 2011; Telnov, 2004).

***Ceutorhynchus picitarsis* Gyllenhal, 1837**

Paketuriai, 11 05 2004, 2 spec. (P.I.)

Beetles of this species are found in northwestern Belarus, Poland (Alexandrovitch *et al.*, 1996; Smreczynski, 1974; Wanat & Mokrzczi, 2005; Tamutis *et al.*, 2011).

LATRIDIIDAE

***Corticarina parvula* (Mannerheim, 1844) syn *obfuscata* Strand, 1937**

Juodkrantė (1), 06–20 05 2013, 2 spec. (P.I & J.R.), windows trap.

Beetles of this species are found in Latvia, Sweden, northwestern Belarus (Alexandrovich *et al.*, 1996; Lundberg & Gustafsson, 1995; Tamutis *et al.*, 2011; Telnov, 2004).

MELANDRYIDAE

***Orchesia (Clinocara) undulata* Kraatz, 1853**

Juodkrantė, 15–29 07 2013, 1 spec. (P.I & J.R.), windows trap; Norkūnai f., 10–20 07 1973, 1 spec. (A.M.); Vytautas park, 18 07 2009, 1 spec. (A.M.).

Beetles of this species are found in Latvia, Denmark, Sweden, Estonia, northwestern Belarus, Poland (Alexanrovich *et al.*, 1996; Burakowski *et al.*, 1987; Lundberg & Gustafsson, 1995; Silfverberg, 2004; Tamutis *et al.*, 2011; Telnov, 2004). The specimens were found in habitats with high amount of decaying wood.

RHYNCHITIDAE

***Haplorhynchites (Haplorhynchites) pubescens* (Fabricius, 1775)**

Merkinė, 18 06 1974, 1 spec. (A.J.); Smiltynė, 13 05 2013, 1 spec. (P.I & J.R.).

Beetles of this species are found in Poland and northwestern and central European Russia (Legalov, 2006; Wanat & Mokrzczi, 2005; Tamutis *et al.*, 2011).

STAPHYLINIDAE

***Aleochara haemopera ripicola* Mulsant & Rey, 1874**

Juodkrantė (1), 14–30 07 2014, 4 spec. (P.I. & J. R.).

Beetles of this species were found in Estonia, Finland, Belarus (Alexandrovich *et al.*, 1996; Silfverberg, 2004; Tamutis *et al.*, 2011).

***Atheta xanthopus* (Thomson, 1856)**

Juodkrantė (2), 14–30 07 2014, 2 spec. (P.I. & J. R.).

Beetles of this species are found in Estonia, Denmark, southern Sweden (Lundberg & Gustafsson, 1995; Silfverberg, 2004; Tamutis *et al.*, 2011).

***Bisnius nigriventris* (Thomson, 1867)**

Juodkrantė (3), 14–30 07 2014, 1 spec. (P.I. & J.R.).

Beetles of this species are found in Latvia, Denmark, throughout Sweden (Lundberg & Gustafsson, 1995; Tamutis *et al.*, 2011; Telnov, 2004).

***Omalium riparium* Thomson, 1857**

Juodkrantė (2), 28 04 2014–19 05 2014, 1 spec. (P.I & J.R.).

Beetles of this species are found in Denmark, southern Sweden, Estonia (Lundberg & Gustafsson, 1995; Silfverberg, 1992, 2004; Tamutis *et al.*, 2011).

***Oxypoda brachyptera* (Stephens, 1832)**

Juodkrantė (2), 17 06 01 07 2013, 1 spec. (P.I & J.R.).

Beetles of this species are found in Belarus, Denmark, southern Sweden, Estonia (Alexanrovich *et al.*, 1996; Lundberg & Gustafsson, 1995; Tamutis *et al.*, 2011).

Discussion

Data about 17 new beetle species belonging to 16 genera and 10 families are presented, all of these species were expected to be found in the Lithuanian fauna (Tamutis *et al.*, 2011) and, according to the faunistic publications of different authors (Alexandrovich *et al.*, 1996; Alonzo–Zarazaga, 2013; Burakowski *et al.*, 1987; Legalov, 2006; Lundberg & Gustafsson, 1995; Otero *et al.*, 2013; Silfverberg, 2004; Smreczynski, 1965, 1972, 1974; Telnov, 2004; Telnov *et al.*, 2005, 2006; Wanat & Mokryzcki, 2005), are distributed in neighboring countries. Beetles of family Apionidae – *Ceratapion* (*Angustapion*) *austriacum*, *Squamapion atomarium*) were determined from old material preserved in collection of Nature Research Centre. Nine species (*Euglenes oculatus*, *Atomaria* (*Atomaria*) *atra*, *Corticarina parvula*, *Orchesia* (*Clinocara*) *undulata*, *Oxypoda brachyptera*, *Omalium riparium*, *Atheta xanthopus*, *Bisnius nigriventri*, *Aleochara haemopera ripicola*) have been found during the investigation of Great Cormorant colony in Juodkrantė. These beetles have been found in active part of birds colony, where there is a large amount of dead wood and detritus. Data about beetles of species *Euglenes oculatus* (Aderidae) and *Orchesia* (*Clinocara*) *undulata* were also found in collected material from previous years in Kaunas and Kaišiadorys districts, these beetles have been collected in decaying oak wood.

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Duomenys apie naujas Lietuvos vabalų (Coleoptera) rūšis

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Pateikiami duomenys apie 17 naujų Lietuvos faunai vabalų rūšių, priklausančių 10 vabalų šeimų. Devynių rūšių vabalai buvo aptikti atliekant tyrimus Juodkrantėje esančioje garnių ir kormoranų kolonijoje. Dvi rūšys buvo aptiktos analizuojant ankstesnę kolekcinę medžiagą saugomą Gamtos tyrimų centre. Kitos rūšys buvo sugautos ekspedicijų metu įvairiose Lietuvos vietovėse.

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