

NEW FOR LITHUANIAN FAUNA SPECIES OF BEETLES (COLEOPTERA) FOUND IN MOLĖTAI DISTRICT

VIKTORAS PACEVIČIUS

Nature Research Centre, Institute of Ecology, Akademijos 2, Vilnius, Lithuania

E-mail: bareikis.col@gmail.com

Introduction

After the Catalogue of Lithuania beetles (Tamutis *et. al.* 2011) appeared, investigations of beetles (Coleoptera) have become more intensive. A particularly great number of new species was recorded in the family of rove beetles (Staphylinidae) (Ivinskis *et. al.* 2013, 2014, 2015; Monsevičius, 2013; Tamutis, 2012). However, the fact that many new to Lithuanian fauna species, which are sometimes distinct and easy to describe, are recorded in one locality in Molėtai district demonstrates, that further investigations still remain up-and-coming.

Previously, Molėtai district has been investigated sporadically, some interesting records of beetle species in the district were published in several papers (Tamutis & Zolubas, 2001; Tamutis 2003; Šablevičius, 2003; Ferenca *et al.*, 2006; Ivinskis *et al.*, 2009). The information on five beetle (Coleoptera) species new to Lithuanian fauna is presented in current paper.

Material and methods

Material was collected using various methods: pitfall (Barber) traps, sweep netting, shaking beetles from trees and shrubs, searching for beetles in logs and tree trunks, under bark of trunks of standing dead trees, attracted by tree sap, from fungi and sponges, sieving litter and rotten wood debris, collecting beetles from *Ips typographus* pheromone trapping, different bait trapping, light trapping at night, searching for beetles near carrion and in mammal droppings. Xylophagous species were grown from decaying tree and shrub branches, stumps and trunk parts in 2014–2017. A number of interesting species were found in nests of birds, in particular birds nesting in hollows of trees.

List of localities

Locality	Administrative district	Coordinates (LAT, LONG)
Lake Baltis env.	Molėtai district	55.29973, 25.58805
Branišavos Miškas f.	Molėtai district	55.36528, 25.47306
Kašeikiai	Molėtai district	55.32548, 25.59803
Lake Želva env.	Molėtai district	55.31656, 25.55205
Suginčiai	Molėtai district	55.33661, 25. 52371

List of species

HISTERIDAE

Margarinotus marginatus (Erichson, 1834)

Branišavos Miškas f., 02 06 2015, 12 06 2015, 09 04 2016, (1, 1, 1) spec. caught by Barber traps and *Quercus robur* hollow.

STAPHYLINIDAE

Lesteva punctata (Erichson, 1839)

Lake Baltis env., 25 09 2017, 1 spec. In moss near a spring, among 6 spec. of *Lesteva longoelytrata*.

Neobisnius procerulus (Gravenhorst, 1806)

Suginčiai, 09 08 2014, 1 spec.

EUCNEMIDAE

Otho spondyloides (Germar, 1818)

Lake Želva env., 08 07 – 24 07 2016, 10 spec. reared from dead *Alnus incana*.

CURCULIONIDAE

Ceutorhynchus scapularis Gyllenhal, 1837

Kašėikiai, 05 05 2016, 1 spec., by sweeping in dry meadow, on *Barbarea*.

Discussion

All five species are widely distributed, recorded in the majority of neighbouring countries, or mentioned as expected for Lithuanian fauna (Tamutis *et al.*, 2011).

More systematic investigations in the district, mostly Suginičiai environs, were carried out in 2004 – 2007. In total 1328 beetle (Coleoptera) species were identified. Long-term investigations in one locality enable determining species complexes, stable populations or micropopulations. For example, populations of rarely observed species such as *Anobium nitidum* F., *Anthocomus equestris* F., *Anthonomus pedicularius* L., *Carcinops pumilio* Erichson, *Coeliastes lamii* F., *Cimberis attelaboides* F., *Crataraea suturalis* Mann., *Ctesias serra* F., *Chrysolina herbacea* Duftschmid, *Ernoporus tiliae* Panzer, *Quedius brevicornis* Thomson, *Ptinus rufipes* Oliver, *Rhynchites bacchus* L., *Thes berghothi* Rtt., *Velleius dilatatus* F were recorded by the author in a small park with an orchard in Suginičiai.

References

- Burakowski B., Mroczkowski M., Stefanska J. 1979. *Katalog fauny Polski*, T. 7. Chrzęszcze – Coleoptera. Kuskowate – Staphylinidae. Warszawa.
- Ferenca R., Ivinskis P., Tamutis V. 2006. New and rare for Lithuania species of beetles (Coleoptera). *New and Rare for Lithuania Insect Species* 17: 11–21.
- Freude H., Harde K. W., Lohse G. A. 1965 – 1989, 2004. *Die Käfer Mitteleuropas*. Bds. 2 – 16. Krefeld, Germany: Goecke & Evers.
- Ivinskis P., Rimšaitė J., Meržejevskij A. 2013. Data on beetle (Coleoptera) species new for Lithuanian fauna. *New and Rare for Lithuania Insect Species* 25: 18–24.
- Ivinskis P., Rimšaitė J., Meržejevskij A. 2014. Data about new beetle (Coleoptera) species found in Lithuania. *New and Rare for Lithuania Insect Species* 26: 31–36.

- Ivinskis P., Rimšaite J., Meržejevskij A. 2015 New species and new records of rare species of beetles (Coleoptera) from Lithuania. *New and Rare for Lithuania Insect Species* 27: 24–33.
- Monsevičius V. 2013. New and little known for the Lithuanian fauna species of beetles (Coleoptera), found in 2002, 2011-2012. *New and Rare for Lithuania Insect Species* 25: 24–31.
- Pileckis S., Monsevičius V 1995. Lietuvos fauna. Vabalai 1. Vilnius, Mokslas:1–303.
- Pileckis S., Monsevičius V 1997. Lietuvos fauna. Vabalai 2. Vilnius, Mokslas:1–216.
- Šablevičius B. 2003. New and rare for Lithuania beetle (Coleoptera) spieces. *New and Rare for Lithuania Insect Species* 15: 11–24.
- Tamutis V. 2003 Eighty-two new for Lithuania beetle (Coleoptera) species. *New and Rare for Lithuania Insect Species* 15: 54–62.
- Tamutis V., Tamutė B., Ferenca R. 2011 A Catalogue of Lithuanian beetles (Insecta, Coleoptera). *Zookeys* 121: 1–494. Sofia.
- Tamutis V., Zolubas P. 2011. Non-target beetles trapped in *Ips typographus* pheromone traps. *Baltic Journal of Coleopterology* (1): 65–70.

Acknowledgements

I am grateful to Dr. R. Ferenca and Dr. V. Tamutis for the verification of the species. Special thanks are to Dr. habil. V. Būda for the help preparing this article.

Naujos Lietuvos faunos (Coleoptera) rūšys, rastos Molėtų rajone

V. PACEVIČIUS

Santrauka

Straipsnyje pateikiami duomenys apie penkias naujas Lietuvos faunos vabalų rūšis. Pažymėtos mikrobuveinės, rinkimo būdas. Trumpai apžvelgiant Molėtų rajone 2004-2017 m. m. autoriaus vykdytus tyrimus, paminėta penkiolika mažai žinomų, nedaugelyje publikacijų konstatuotų rūšių.

Received: 5 November, 2017