

**NEW RECORDS OF *PHYLLODREPA* (*PHYLLODREPA*)
MELANOCEPHALA FABRICIUS, 1787 AND *TELMATOPHILUS*
BREVICOLLIS AUBÉ, 1862 (COLEOPTERA: STAPHYLINIDAE ET
CRYPTOPHAGIDAE) IN LITHUANIA**

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Introduction

Beetles are one of the best investigated insect order and now more than 3660 species of beetles are known in Lithuania (Ferenca, 2014). Research here was started in early 19th century (Eichwald, 1830) and nowadays is carried out by different scientists (Ferenca *et al.*, 2011; Tamutis, 2012; Monsevičius, 2013; Ivinskis *et al.*, 2014, 2015, etc.), who investigate beetles in different habitats by using different methods. However, emergence trap was used for the first time during our research and has given some new records of beetles.

Material and Methods

In 2016, five emergence type traps were installed in the Natura 2000 territory within the Būda botanical – zoological reserve, Kaišiadorys district. Traps were placed on the trunks (Figure 1) of four ash trees and one aspen, all being at the second stage of decay (identified according to National Forest Inventory (NFI) and Renvall decay classification system (Sandström *et al.*, 2007)) and 30 cm in diameter. Each trap covered 1 meter of the windfallen tree. The traps were installed following recommendations given by Finish scientists (Halme *et al.*, 2013). Beetles were collected into plastic containers with 70 % ethanol (the material was collected by the senior author). Emergence traps were checked from May 11, 2016 to November 8, 2016. Beetles were identified using the keys Assing *et al.* (2011), Otero (2013). Material is deposited in Tadas Ivanauskas Zoological Museum in Kaunas.



Figure 1. Emergence trap placed on the top part of a trunk

List of localities

Būda Botanical–Zoological Reserve (1)	Kaišiadorys district	N54.88150, E24.35828
Būda Botanical–Zoological Reserve (2)	Kaišiadorys district	N54.88144, E24.35578

List of species

CRYPTOPHAGIDAE

Telmatophilus brevicollis Aubé, 1862

Būda Botanical–Zoological Reserve (1), ash tree, 10–20 06 2016, 1 spec. (A.L.).

STAPHYLINIDAE

Phyllodrepa (Phyllodrepa) melanocephala Fabricius, 1787

Būda Botanical–Zoological Reserve (2), ash tree, 08–18 09 2016, 1 spec. (A.L.).

Discussion

Telmatophilus brevicollis Aubé, 1862 is a new species in the Lithuanian fauna. It is known from the South and Central Europe (Otero, 2013). It was also recorded from Estonia (Yates & Hodge, 2000), neighbouring countries of Lithuania: Latvia (Yates & Hodge, 2000; Telnov, 2004), Belarus (Alexandrovitch, 1996), Poland (Johnson *et al.*, 1993). Adults are 2.4–2.7 mm long (Otero, 2013), with moderately convex body, reddish brown antennas and legs. Antennas robust and moderately long, almost reach the edge of posterior pronotum (Otero, 2013). Pronotum with the punctures more dense and coarse. Sides of pronotum very slightly wavy (Hackston, 2017).

Phyllodrepa (Phyllodrepa) melanocephala Fabricius, 1787 was previously found in Lithuania in Juodkrantė (Ivinskis *et al.*, 2013). Species is also known from neighbouring countries of Lithuania (Telnov, 2004, Alexandrovich *et al.*, 1996, Burakowski *et al.*, 1979) and other countries of Europe (Alonso-Zarazaga, 2017).

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Nauji duomenys apie *Phyllodrepa (Phyllodrepa) melanocephala* Fabricius, 1787 ir *Telmatophilus brevicollis* Aubé, 1862 (Coleoptera: Staphylinidae et Cryptophagidae) Lietuvoje

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Santrauka

Per laikotarpį nuo 2016 05 11 iki 2016 11 08 vykdant tyrimą Būdos botaniniame – zoologiniame draustinyje, naudojant išsiritimo gaudykles, pastatytas ant negyvų uosių ir drebulės virtuolių, buvo surinkta viena nauja Lietuvos faunai rūšis – *Telmatophilus brevicollis* (Cryptophagidae). Taip pat rasta ir reta rūšis - *Phyllodrepa (Phyllodrepa) melanocephala* (Staphylinidae), kuri Būdos miške buvo aptikta antrą kartą Lietuvoje.

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