

**PLANT BUG *BRYOCORIS PTERIDIS* (HETEROPTERA: MIRIDAE) -
NEW SPECIES IN LITHUANIAN FAUNA***RADVILĖ MARKEVIČIŪTĖ*

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Introduction

Bryocoris pteridis (Fallen, 1807) (Heteroptera: Miridae: Bryocorinae) (Fig. 1) is a small 2–4 mm (Wachmann *et al.*, 2004), brown, brachypterous or macropterous, herbivorous plant bug (Bantock, Botting, 2013), found in moist deciduous forest on ferns (Wachmann *et al.*, 2004). The fauna of suborder Heteroptera in Lithuania is still insufficiently known (Söderman, Rintala, 2009). This species is widely spread across the Europe (Aukema, 2015), but it was unrecorded in Lithuania (Stonis *et al.*, 2013).

The aim of this publication is to present the first record of *B. pteridis* in Lithuania.

Material and Methods

The study was carried out in Dzūkija national park (Varėna district, Southern Lithuania) in 2016. Specimens were collected using an entomological net and were studied with an Olympus SZX10 dissecting microscope. Photographs were taken with a digital camera Canon EOS 600D mounted on the same dissecting microscope. The species was identified by the author using keys of Rintala & Rinne (2010). The collected material is stored in the collection of Nature Research Centre (Vilnius).

List of species***Bryocoris pteridis* (Fallen, 1807)**

Varėna distr., Dzūkija national park, 54°07'44.19"N, 24°28'04.1"E (54.128941, 24.467805), 26 06 2016, 3 ♀, on *Pteridium aquilinum* (leg. R. Markevičiūtė).

Discussion

This study presents faunistic data on one species of family Miridae (Heteroptera) recorded in Lithuania for the first time. New species *Bryocoris pteridis* can be mistaken with *Monalocoris filicis* (Linnaeus, 1758), which was first found in Lithuania in the year 2014 (Markevičiūtė, Rintala, 2015). These species are small and golden-brown. The head of *B. pteridis* is black or dark brown and the 1st antennal segment is longer than the width of the head (Bantock, Botting, 2013), the head of *M. filicis* is pale orange (Rintala, Rinne, 2010) and the 1st antennal segment is shorter than the width of the head (Bantock, Botting, 2013). Moreover, both species feed on ferns like *Dryopteris carthusiana*, *Athyrium filix-femina* or *Pteridium aquilinum* (Rintala, Rinne, 2010).



Figure 1. *Bryocoris pteridis* (Fallen, 1807)

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Nauja Lietuvos faunos žolblakių (Heteroptera: Miridae) rūšis *Bryocoris pteridis*

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Santrauka

Publikacijoje pateikiami nauji duomenys apie Varėnos rajone esančiame Dzūkijos nacionaliniame parke 2016 metais aptiktą naują Lietuvos faunos žolblakių rūšį *Bryocoris pteridis* (Fallen, 1807). Taip pat nurodyta sugavimo data, individų skaičius, lytis bei pateikiami pagrindiniai rūšies skiriamieji požymiai. Surinkta medžiaga yra saugoma Gamtos tyrimų centro entomologinėje kolekcijoje.

Received: 22 October, 2016