

NEW SPECIES OF TRUE BUGS (HETEROPTERA) IN LITHUANIAN FAUNA, REGISTERED IN 2008–2011

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Introduction

The fauna of suborder *Heteroptera* of Lithuania is studied insufficiently (Söderman & Dapkus, 2009; Söderman & Rintala, 2009). In 2010, Lithuanian Entomological Society chose a green shield bug (*Palomena prasina*) as the Insect of the Year to encourage true bugs' research in Lithuania (Baužys, 2010). It should be noted that until 2010, most species and families of shield bugs did not have Lithuanian names, but this was corrected by the group of authors who published the complete list of shield bug names in Lithuanian (Stonis *et al.*, 2010).

Currently, 2945 species and subspecies of true bugs are found in Europe (Aukema, 2011). Lithuanian fauna consists of 324 species, belonging to 31 families (Stonis *et al.*, 2010).

Material and Methods

The material was collected in different districts of Lithuania in 2008–2011. The bugs were either observed or their photos were used.

The material was photographed by the author of this report (D.B.), G. Steiblys (G.S.), D. Makavičius (D.M.), N. Vėlavičienė (N.V.), A. Eismantas (A.E.) and G. Gražulevičius (G.G.). All the pictures of the species, referred to in this article, can be found at www.macrogamta.lt.

List of localities

Anykščiai district	Želtiškiei (1)	55°23'56,08"N, 25°15'32,37"E
	Želtiškiei (2)	56°22'06,29"N, 21°59'24,76"E
Mažeikiai district	Balėnų Miškas f.	56°10'48,28"N, 22°16'28,14"E
	Dautarų Miškas f.	56°22'06,29"N, 21°59'24,76"E
Neringa mun.	Grobštas Nat. R.	55°16'57,00"N, 20°58'40,55"E
Varėnos district	Kamintiškės	54°47'22,66"N, 24°58'56,95"E
Vilnius district	Elniakampio Miškas f. (1)	54°48'04,53"N, 24°58'38,58"E
	Elniakampio Miškas f. (2)	54°47'22,66"N, 24°58'56,95"E
	Kairėnų Miškas f.	54°46'13,33"N, 25°27'05,49"E
	Rūkainių Miškas f. (1)	54°35'49,86"N, 25°33'52,19"E
	Rūkainių Miškas f. (2)	54°38'18,74"N, 25°37'56,50"E

List of species

MIRIDAE

***Capsodes gothicus* (Linnaeus, 1758)**

Balėnų Miškas f., forest lane, 24 06 2009, 1 spec. (N.V.); Elniakampio Miškas f. (1), outskirts, 15 06 2008, 1 spec., Elniakampio Miškas f. (2), outskirts, 15 06 2008, 2 spec.; Kairėnų Miškas f., outskirts, 26 06 2010, 1 spec.; Kamintiškės, 12 06 2011, 6 spec. (D.B. & G.S.); Rūkainių Miškas f. (1), outskirts, 23 06 2011, 3 spec.; Rūkainių Miškas f. (2), outskirts, 25 06 2011, 1 spec.; Želtiškiei (2), meadow, 04 06 2011, 1 spec. (all D.B.).

***Calocoris roseomaculatus* (De Geer, 1773)**

Želtiškiei (1), meadow, 12 07 2008, 1 spec., on *Achillea millefolium* L. (A.E.)

***Deraeocoris trifasciatus* (Linnaeus, 1767)**

Dautarų Miškas f., forest meadow, 18 06 2011, 1 spec. (D.M.)

PENTATOMIDAE

***Pinthaeus sanguinipes* (Fabricius, 1781)**

Grobštas Nat. R., dunes, 06 10 2009, 1 spec. (G.G.)

Discussion

This study presents faunistic data on 4 species of True Bugs (*Heteroptera*), recorded in Lithuania for the first time. These new species belong to 2 families: 1 to *Pentatomidae* and 3 to *Miridae*. All three species of *Miridae* have been already found in the neighbouring countries (Latvia, Belarus, Poland and Kaliningrad Region)(Aukema, 2011). *Pinthaeus sanguinipes* has been found in the neighbouring countries of Poland and Kaliningrad Region (Aukema, 2011).

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References

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Söderman G., Rintala T. 2009. Heteroptera and Auchenorrhyncha (Hemiptera) collected from southeastern Lithuania in 2008. *New and Rare for Lithuania Insect Species* 21: 15–20.

Naujos Lietuvos faunos blakių (Heteroptera) rūšys užregistruotos 2008–2011 metais

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Santrauka

2008–2011 metais įvairiose Lietuvos vietose fotografuojant blakes buvo nustatytos 4 naujos Lietuvos faunos rūšys, priklausančios skydblakių (*Pentatomidae*) ir žolblakių (*Miridae*) šeimoms. Nurodomos nustatytos naujos rūšys, radimo datos ir vietos.

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