

NEW SPECIES OF TRUE BUGS (HETEROPTERA) IN LITHUANIAN FAUNA, REGISTERED IN 2010–2013

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Introduction

The fauna of Hemiptera suborder *Heteroptera* of Lithuania is still studied insufficiently (Söderman & Dapkus, 2009; Söderman & Rintala, 2009). 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, 2013). Lithuanian fauna consisted of 332 species (Baužys, 2012), and is supplemented here with seven new species.

Material and Methods

The material was collected in different districts of Lithuania in 2010–2013. The bugs were either observed or their photos were used. Material was photographed or observed by Romas Ferenca (R.F.), Darius Baužys (D.B.) and Rimvydas Kinduris (R.K.). Some pictures of the species, referred to in this article, can be found at www.macrogamta.lt.

List of localities

Klaipėda district	Juodkrantė, Kuršių Nerija Nat. R.	55°32'39.4"N, 21°06'46.4"E;
	Šventoji	56°01'52.1"N, 21°04'12.9"E;
Mažeikiai district	Dapšiai	56°22'15.7"N, 22°07'43.8"E;
	Girkalių Miškas f.	56°08'53.9"N, 22°11'53.2"E;
	Kegriai	56°12'35.7"N, 22°32'53.0"E;
	Smiltinės Miškas f.	56°07'34.1"N, 22°26'37.4"E;
Utena district	Zarasai	55°44'18.7"N, 26°14'57.8"E;
Vilnius district	Rukainių Miškas f. (1)	54°36'07.2"N, 25°33'46.5"E;
	Rukainių Miškas f. (2)	54°36'08.9"N, 25°34'06.2"E.

List of species

ARADIDAE

Aradus brevicollis (Fallen, 1807)

Girkalių Miškas f., 13 06 2013, 1 spec. (R.K.)

LYGAEIDAE

Gastrodes abietum (Bergroth, 1914)

Šventoji, 05 05 2013, few spec., on the Baltic sea coast (R.K.)

MIRIDAE

***Lygus gemellatus* (Herrich-Schäffer, 1835)**

Rukainių Miškas f. (1), 23 07 2012, 1 spec., on the Common Tansy (*Tanacetum vulgare*); Rukainių Miškas f. (2), 30 06 2013, 1 spec., on the Scentless Mayweed (*Tripleurospermum perforatum*) (both D.B.); Smiltinės Miškas f., 25 07 2010, 1 spec., on the dry Brown Knapweed (*Centaurea jacea*) (R.K.).

SALDIDAE

***Saldula arenicola* (Scholtz, 1847)**

Kegriai, 30 04 2010, 1 spec., in gravel quarry (R.K.).

***Saldula opacula* (Zetterstedt, 1838)**

Šventoji, 07 07 2013, 1 spec. (R.K.)

***Saldula pallipes* (Fabricius, 1794)**

Dapšiai, 08 09 2013, 1 spec., on coast of pond (R.K.).

TINGIDAE

***Dictyla humuli* (Fabricius, 1794)**

Juodkrantė, 27 05 2010, 1 spec., on the Nettle (*Urtica*) leaf (R.F.); Zarasai, 19 07 2010, 1 spec., on the Common Comfrey (*Symphytum officinale*) leaf in garden (R.K.).

Discussion

This study presents faunistic data on seven species of True Bugs (*Heteroptera*), recorded in Lithuania for the first time. These new species belong to five families: three to *Saldidae*, one to *Aradidae*, one to *Lygaeidae*, one to *Miridae* and one to *Tingidae*. All three species of *Saldidae* have already been found in the neighboring countries (Latvia, Belarus, Poland and Kaliningrad Region), *Aradus brevicollis* is known in Latvia, Belarus and Poland (Aukema, 2013). *Gastrodes abietum* and *Lygus gemellatus* were found in Latvia, Belarus, Poland and Kaliningrad Region (Aukema, 2013). *Dictyla humuli* is known in the neighbor countries of Poland, Kaliningrad Region and Belarus (Aukema, 2013).

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References

- Aukema B. (Ed.) (2013) Hemiptera: Heteroptera. Fauna Europaea version 2.4, <http://www.faunaeur.org> (Accessed October 15, 2013).
- Baužys D. 2012. New species of True bugs (Heteroptera) in Lithuanian fauna, registered 2010-2012. *New and Rare for Lithuania Insect Species* 24: 5–6.
- Macro gamta 2009, available from <http://www.macrogamta.lt> (Accessed October 15, 2013).
- Stonis J.R., Remeikis A., Auksoriūtė A., Baužys D., Vilkas A. 2010. Sunorminti ir nauji Lietuvoje aptinkamų straubliuočių būrio blakių pobūrio (Insecta: Hemiptera: Heteroptera) vabzdžių vardai. *Acta Zoologica Lithuanica* 20 (3): 264–274.

- Söderman G., Dapkus D. 2009. New records of Hemiptera from Čepkeliai Strict Nature Reserve (southern Lithuania) in 2007. *New and Rare for Lithuania Insect Species* 21: 12–14.
- 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 rūšys užregistruotos 2010–2013 metais

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Santrauka

2010–2013 metais įvairiose Lietuvos vietose fotografuojant ir stebint blakes buvo nustatytos septynios naujos Lietuvos faunos rūšys, priklausančios žieviablakių (*Aradidae*), tikrųjų dirvablakių (*Lygaeidae*), žolblakių (*Miridae*), šokliablakių (*Saldidae*) ir sietasparnių blakių (*Tingidae*) šeimoms. Nurodomos nustatytos naujos rūšys, radimo datos ir vietos.

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