

## NEW SPECIES OF TRUE BUGS (HETEROPTERA) FOR THE LITHUANIAN FAUNA REGISTERED IN 2010–2012

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### Introduction

The fauna of suborder *Heteroptera* of Lithuania is studied insufficiently (Söderman & Dapkus, 2009; Söderman & Rintala, 2009). 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 consisted of 328 species (Baužys, 2011), and is supplemented here with four new species.

### Material and Methods

The material was collected in different districts of Lithuania in 2010–2012. The bugs were either observed directly or their photos were used. Material was photographed by R. Ferenca (R.F.) and R. Kinduris (R.K.). Some pictures of the species, referred to in this article, can be found at [www.macrogamta.lt](http://www.macrogamta.lt).

#### List of localities

Kaunas district	Jiesia Landscape Reserve	54°51'N, 23°55'E
Mažeikiai district	Marijampolės Miškas f.	56°23'07.80"N, 22°03'52.3"E
	Birbiliškės Miškas f.	56°06'28.80"N, 22°30'27.7"E
	Užlieknės Miškas f.	56°14'09.70"N, 22°25'46.1"E

### List of species

#### ARADIDAE

##### *Aradus depressus* (Fabricius, 1794)

Marijampolės Miškas f., outskirts, 21 05 2011, 1 spec. (R.K.)

##### *Aradus obtectus* (Vasarhelyi, 1988)

Birbiliškės Miškas f., 12 07 2008, 1 spec., on dead *Betula pubescens* (R.K.)

#### HYDROMETRIDAE

##### *Hydrometra stagnorum* (Linnaeus, 1758)

Jiesia Landscape Reserve, 07 09 2010, 1 spec. (R.F.)

#### TINGIDAE

##### *Tingis ampliata* (Herrich-Schäffer, 1838)

Užlieknės Miškas f., 12 06 2012, 2 spec. on *Cirsium arvense* leaf (R.K.)

## Discussion

This study presents faunistic data on four species of True Bugs (*Heteroptera*), recorded in Lithuania for the first time. These new species belong to three families: two to Aradidae, one to Hydrometridae and one to Tingidae. Both species of Aradidae have already been found in the neighbouring countries (Latvia, Belarus, and Poland), *Aradus depressus* is found in Kaliningrad Region as well (Aukema, 2011). *Hydrometra stagnorum* has been found in Poland (Aukema, 2011). *Tingis ampliata* has been found in the neighbouring countries of Poland and Belarus (Aukema, 2011).

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## References

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## Naujos Lietuvos faunos blakių rūšys užregistruotos 2010–2012 metais

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## Santrauka

2010–2012 metais įvairiose Lietuvos vietose fotografuojant blakes buvo nustatytos 4 naujos Lietuvos faunos rūšys, priklausančios žieviablakių (*Aradidae*), vandenmačių (*Hydrometridae*) ir sietasparnių blakių (*Tingidae*) šeimoms. Nurodomos nustatytos naujos rūšys, radimo datos ir vietos.

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