

**FIRST RECORD OF THE INVASIVE WESTERN CONIFER SEED BUG
LEPTOGLOSSUS OCCIDENTALIS (HETEROPTERA, COREIDAE) IN
LITHUANIA***SAULIUS KARALIUS, AGNĖ KARALIŪTĖ*

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Introduction

The western conifer seed bug (*Leptoglossus occidentalis*), spreading its European distribution (Fenti & Kment, 2011) has reached Lithuania with two documented cases from the western part of the country.

Material and Methods

Leptoglossus occidentalis was accidentally noticed and documented using a mobile phone.

List of localities

Locality	Administrative district	Coordinates (LAT, LONG)
Tauralaukis, by the Dangė river	Klaipėda city	55.753247, 21.138594
Universitetas	Klaipėda city	55.727663, 21.126400

Results

On 30th of August, 2019 a single adult individual was photographed by Agnė Karaliūtė on a concrete staircase nearby Tauralaukis bridge by the Dangė river and later on identified by Saulius Karalius. Later, on 25th of October 2019, the second specimen was found and pictured by Zita Gasiūnaitė in Universitetas, district of Klaipėda.

Discussion

The western conifer seed bug *Leptoglossus occidentalis* is native to North America and is widely distributed mainly in the western part of the continent. This invasive bug species the first time appeared in Europe (Italy) in 1999 (Taylor *et al.*, 2001; Tescari, 2001; Villa *et al.*, 2001) and since then has expanded its European distribution throughout majority of the western and central European countries, including neighboring Poland where several occurrence localities are known so far from the western part of the country (Marczak, 2019). Up to date we are not aware of the records of this species from other Baltic states, Belarus and Finland.



Fig. 1. *Leptoglossus occidentalis*, Tauralaukis, 30 08 2019 (photo: Agnė Karaliūtė).

References

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Pirmas *Leptoglossus occidentalis* (Heteroptera, Coreidae) stebėjimas Lietuvoje

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Santrauka

Leptoglossus occidentalis (Heidemann, 1910) pirmą kartą Lietuvoje Agnės Karaliūtės pastebėta 2019 08 30 Klaipėdoje. Tai ant spygliuočių medžių gyvenanti ir į rytus plintanti invazinė amerikinė kamuotblakių šeimos (*Coreidae*) rūšis.

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