

Scientific Note

First records of *Leptoglossus occidentalis* Heidemann (Heteroptera: Coreidae: Coreinae: Anisoscelini) in Finland

Primeras citas de *Leptoglossus occidentalis* Heidemann (Heteroptera: Coreidae: Coreinae: Anisoscelini) en Finlandia

Torsten van der Heyden¹

¹Immenweide 83, D-22523 Hamburg, Germany. E-mail: tmvdh@web.de

ZooBank: [urn:lsid:zoobank.org:pub:6844C425-8351-44EF-B346-D8336C4D96D2](https://doi.org/10.35249/rce.46.1.20.09)
<https://doi.org/10.35249/rce.46.1.20.09>

Abstract. The first records of *Leptoglossus occidentalis* for Finland are reported. Information on the distribution of the species in Europe, in particular in its northern part, is summarized.

Key words: Baltic states, distribution, Europe, Hemiptera, invasive species, Scandinavia.

Resumen. Se presentan las primeras citas de *Leptoglossus occidentalis* para Finlandia. Información acerca de la distribución de la especie en Europa, particularmente en su parte norte, es resumida.

Palabras clave: Distribución, Escandinavia, especie invasora, Europa, Hemiptera, países bálticos.

Since its first appearance in Italy in 1999, the highly dispersible Nearctic coreid *Leptoglossus occidentalis* Heidemann, 1910 has colonized nearly all of Europe (van der Heyden 2019; van der Heyden and Zettel 2019).

In Northern Europe, *L. occidentalis* has been reported from Denmark (Buhl and Stephensen 2009), Norway (Mjøs *et al.* 2010) and Sweden (Lindelöw and Bergsten 2012) in Scandinavia as well as, very recently, from Lithuania in the Baltics (Karalius and Karaliūtė 2019) so far.

Now, the presence of the species in Finland can be reported: On 22-XI-2018 and 23-XI-2018, Marja Hallikainen photographed at least one specimen of *L. occidentalis* in the area of Turku in Southwest Finland. Nearly one year later, on 29-X-2019, Virve Mäkelä found another specimen in Kotka in South Karelia. A photograph of the specimen was taken by Petri Metsälä. Data on these findings were uploaded to the online database Laji.fi (2019).

Prior to these findings, a newspaper article about a specimen of *L. occidentalis* which had been accidentally introduced to Finland and was found alive under the engine hood of a car, very likely imported from Germany, was published in the Finnish newspaper Aamulehti (Manninen 2017).

As *L. occidentalis* has not been reported for Finland in scientific publications yet, the records reported in this note are the first ones for the country.

As *L. occidentalis* is present in Finland, Lithuania and Russia, findings of the species in the Baltic states Estonia and Latvia as well as in Belarus can be expected in the near future.

Received 2 January 2020 / Accepted 24 January 2020 / Published online 31 January 2020
Responsible Editor: José Mondaca E.

Literature Cited

- Buhl, O. and Stephensen, B.K. (2009)** HETEROPTERA: COREIDAE. 'Western Conifer Seed Bug' Vestlig Nåletræs-frøtæge *Leptoglossus occidentalis* (Heidemann, 1910) - ny art i Danmark. *Meddelelser fra Entomologisk Selskab for Fyn*, 41(2): 13-16.
- Karalius, S. and Karaliūtė, A. (2019)** First record of the invasive western conifer seed bug *Leptoglossus occidentalis* (Heteroptera, Coreidae) in Lithuania. *Lietuvos entomologų draugijos darbai*, 3(31): 17-18.
- Laji.fi (2019)** *Leptoglossus occidentalis* [dataset]. Available from: <https://laji.fi/en/observation/finnish?target=MX.5008073>. (Accessed: 23-XII-2019).
- Lindelöw, Å. and Bergsten, J. (2012)** Stor skönhet från Nordamerika med smak för barrträdkottar: *Leptoglossus occidentalis* (Heteroptera: Coreidae) en ny bredkantskinnbagge i Sverige. *Entomologisk Tidskrift*, 133: 55-58.
- Manninen, J. (2017)** No nyt on ötökällä kokoa. Katso video, jolla jättilude mönkii Tampereella Vapriikissa. Available from: <https://www.aamulehti.fi/a/200568075>. (Accessed: 23-XII-2019).
- Mjøs, A.T., Nielsen, T.R. and Ødegaard, F. (2010)** The Western Conifer Seed Bug (*Leptoglossus occidentalis* Heidemann, 1910) (Hemiptera, Coreidae) found in SW Norway. *Norwegian Journal of Entomology*, 57: 20-22.
- van der Heyden, T. (2019)** Summarized data on the European distribution of *Leptoglossus occidentalis* Heidemann (Heteroptera: Coreidae: Coreinae: Anisoscelini). *Revista Chilena de Entomología*, 45(3): 499-502.
- van der Heyden, T. and Zettel, H. (2019)** First record of *Leptoglossus occidentalis* HEIDEMANN, 1910 (Heteroptera: Coreidae) from Cyprus. *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen*, 71: 177-178.