

First record of *Leptoglossus occidentalis* Heidemann, 1910 (Hemiptera: Heteroptera: Coreidae) in Kyrgyzstan

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ABSTRACT: The first record of *Leptoglossus occidentalis* Heidemann, 1910 (Hemiptera: Heteroptera: Coreidae: Coreinae) in Kyrgyzstan is reported. The distribution of the species in Central Asia is summarised and discussed.

KEYWORDS: *Leptoglossus occidentalis*, invasive species, first record, distribution, Kyrgyzstan, Central Asia.

Leptoglossus occidentalis Heidemann, was observed and photographed on a balcony in the city of Cholpon-Ata (Hemiptera: Heteroptera: Coreidae: Coreinae) is a Nearctic invasive species which has colonised nearly all parts of Europe (Aukema, 2024). In Central Asia, the species has been reported from Kazakhstan (Barclay & Nikolaeva, 2018) and Uzbekistan (van der Heyden, 2023), so far.

Now, the first record of *L. occidentalis* in Kyrgyzstan can be reported: On 03.09.2024, an adult specimen (Fig. 1)

photos were uploaded to the online database iNaturalist (Orlov, 2024).

Cholpon-Ata is located on the northern shore of Lake Issyk-Kul in the northern part of the country near the border with Kazakhstan. Likely, *L. occidentalis* arrived in Cholpon-Ata coming from the nearby region of Almaty in Kazakhstan where it

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was found several times (Barclay & Nikolaeva, 2018; iNaturalist, 2024).

The species might have entered Kyrgyzstan by human transport from the neighbouring country in the north.

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Figure 1. Specimen of *Leptoglossus occidentalis* Heidemann, 1910, Cholpon-Ata, Kyrgyzstan, 03.09.2024. (Photo: Mikhail Orlov).

REFERENCES

- Aukema, B. (ed.), 2024, Catalogue of Palaearctic Heteroptera [Online database]. Available from: https://catpalhet.linnaeus.naturalis.nl/linnaeus_ng/app/views/introduction/topic.php?id=9&epi=1. (Accessed: 03.09.2024).
- Barclay, M., Nikolaeva, S., 2018, Arrival in Kazakhstan of *Leptoglossus occidentalis* (Hemiptera: Heteroptera: Coreidae); a North American invasive species expands 2,500 kilometres to the east, *Klapalekiana*, 54: 1-3.
- iNaturalist [Online database], 2024, Western Conifer Seed Bug (*Leptoglossus occidentalis*). Available from: https://www.inaturalist.org/observations?relat=55.4428918&nelng=87.3154151&place_id=any&subview=map&swlat=40.5686886&swlng=46.4932078&taxon_id=67771. (Accessed: 03.09.2024).

- Orlov, M., 2024, Western Conifer Seed Bug (*Leptoglossus occidentalis*). Photographs to be found on iNaturalist [Online database]. Available from: <https://www.inaturalist.org/observations/239573311>. (Accessed: 03.09.2024).
- van der Heyden, T., 2023, First records of *Leptoglossus occidentalis* Heidemann, 1910 (Hemiptera: Heteroptera: Coreidae) and *Zelus renardii* Kolenati, 1857 (Hemiptera: Heteroptera: Reduviidae) in Uzbekistan, *Journal of the Heteroptera of Turkey*, 5 (1): 7-9.