



First record of *Leptoglossus talamancanus* Brailovsky & Barrera, 1998 (Hemiptera: Heteroptera: Coreidae) for Honduras

Primera cita de *Leptoglossus talamancanus* Brailovsky & Barrera, 1998 (Hemiptera: Heteroptera: Coreidae) para Honduras

Torsten van der Heyden¹

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

<https://zoobank.org/References/89F04A47-7EAA-498B-9D74-28E7491C4196>

Abstract.- The first record of the coreid *Leptoglossus talamancanus* from Honduras is presented. Information on the distribution of the species is summarized.

Key words: *Distribution, faunistics, new record.*

Resumen.- Se presenta la primera cita del coreído *Leptoglossus talamancanus* de Honduras. Se resume información acerca de la distribución de la especie.

Palabras clave: *Distribución, faunística, nuevo registro.*

The genus *Leptoglossus* Guérin-Méneville, 1831 within the tribe Anisoscelini of the Coreidae is cosmopolitan, but mainly widely distributed in the Nearctic and in the Neotropical region. It consists of 62 species (Brailovsky & van der Heyden, 2019).

Up to now, eight species of the genus *Leptoglossus* have been reported from Honduras: *Leptoglossus brevirostris* Barber, 1918, *Leptoglossus cinctus* (Herrich-Schäffer, 1836), *Leptoglossus concolor* (Walker, 1871), *Leptoglossus crassicornis* (Dallas, 1852), *Leptoglossus gonagra* (Fabricius, 1775), *Leptoglossus lineosus* (Stål, 1862), *Leptoglossus oppositus* (Say, 1832) and *Leptoglossus zonatus* (Dallas, 1852) (Linares & Orozco, 2017; Brailovsky & van der Heyden, 2019).

So far, *Leptoglossus talamancanus* Brailovsky & Barrera, 1998, described based on several specimens found in Costa Rica (Brailovsky & Barrera, 1998), has been reported from Belize, Costa Rica and Mexico (Brailovsky & Barrera, 1998; Packauskas, 2010; van der Heyden, 2020).

Now, *L. talamancanus* can be added to the list of species of the genus *Leptoglossus* found

in Honduras: On 25.viii.2022, an adult specimen of *L. talamancanus* was found east of Lake Yojoa, near the road CA5 between La Guama and Sector Lago de Yojoa in the department Cortés. A photograph of the specimen was published in the online database iNaturalist (Zuniga Martinez, 2022).

The determination of the specimen in the photograph was checked and confirmed using the original description of *L. talamancanus* by Brailovsky & Barrera (1998), the illustrated key for the identification of the species included in the genus *Leptoglossus* by Brailovsky (2014) and by the comparison with photographs of other specimens of *L. talamancanus* (van der Heyden, 2020).

As *L. talamancanus* has not been reported for Honduras in scientific publications yet, the record reported in this note is the first one for this country. This record could indicate a geographic connection between the Costa Rican population of *L. talamancanus* and the findings of the species in Belize and Mexico.

Literature

Brailovsky, H. (2014). Illustrated key for



- identification of the species included in the genus *Leptoglossus* (Hemiptera: Heteroptera: Coreidae: Coreinae: Anisoscelini), and descriptions of five new species and new synonyms. *Zootaxa*, 3794(1): 143–178.
- Brailovsky, H. & Barrera, E. (1998). A review of the Costa Rican species of *Leptoglossus* Guérin, with descriptions of two new species (Hemiptera: Heteroptera: Coreidae: Coreinae: Anisoscelini). *Proceedings of the California Academy of Sciences*, 50(6): 167–183.
- Brailovsky, H. & van der Heyden, T. (2019). New distributional notes and key to the known species of *Leptoglossus* Guérin-Ménéville from Guatemala (Heteroptera: Coreidae: Coreinae: Anisoscelini). *Revista Chilena de Entomología*, 45(1): 175–180.
- Linares, C.A. & Orozco, J. (2017). The Coreidae of Honduras (Hemiptera: Coreidae). *Biodiversity Data Journal*, 5(e13067): 1–24.
- Packauskas, R.J. (2010). *Catalog of the Coreidae, or Leaf-Footed Bugs, of the New World*. Fort Hays Studies, 4(5): 1–270.
- van der Heyden, T. (2020). First records of *Leptoglossus talamancanus* Brailovsky & Barrera, 1998 (Hemiptera: Heteroptera: Coreidae) for Belize and Mexico. *Boletín del Museo Nacional de Historia Natural del Paraguay*, 24(1): 45–46.
- Zuniga Martinez, S.I. (2022). *Leptoglossus talamancanus*. *iNaturalist*. [Consulted: 25.ix.2022]. <<https://www.inaturalist.org/observations/132304296>>.