

## NOTA / NOTE

# The North American western conifer seed bug, *Leptoglossus occidentalis* Heidemann, 1910 (Hemiptera, Coreidae), new to Portugal.

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**Abstract:** The North American western conifer seed bug, *Leptoglossus occidentalis* Heidemann, 1910, is recorded from Portugal for the first time.

**Key words:** Hemiptera, Coreidae, *Leptoglossus occidentalis*, new, Portugal.

**Resumen:** El chinche norteamericano *Leptoglossus occidentalis* Heidemann, 1910 (Hemiptera, Coreidae), nuevo para Portugal. Se registra por primera vez de Portugal el chinche norteamericano *Leptoglossus occidentalis* Heidemann, 1910.

**Palabras clave:** Hemiptera, Coreidae, *Leptoglossus occidentalis*, nuevo, Portugal.

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## Introduction

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The western conifer seed bug, *Leptoglossus occidentalis* Heidemann, 1910, is a North American coreid bug which was introduced in Europe in the late 1990s and has since then spread rapidly across several countries (cf. RABITSCH, 2010). In the Iberian Peninsula, its presence was first reported by RIBES *et al.* (2004) from Catalonia, although it was only effectively cited from that area by RIBES & ESCOLÁ (2005). Additionally, it has been recorded from the Spanish regions of Andalusia, the Basque Country, Galicia, Madrid and Murcia (PAGOLA-CARTE, 2009; VALCÁRCEL & PORTILLO, 2009; VÁZQUEZ *et al.*, 2009; VALCÁRCEL & PRIETO PILOÑA, 2010).

In the present contribution, *Leptoglossus occidentalis* Heidemann, 1910 is recorded from Portugal for the first time, extending its known Iberian range to the north-western part of this country (Map 1). The first record obtained relates to a specimen collected in early May 2010 (the National Forestry Authority was informed in mid-May), but the majority of the records were obtained during October and November 2010.

## Material examined

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Unless otherwise stated, the specimens studied were collected by the author and are deposited in his personal collection.

**Arouca:** Arouca (village) (NF6231), 14-10-2010, 1 ex. (José Luís Alves leg.).

**Caminha:** Aldeia Nova (Venade) (NG1634), 17-10-2010, 1 ex. (M. Leonor Fidalgo leg.).

**Matosinhos:** Seixo (Padrão da Légua) (NF3059), 28-10-2010, 1 ex. (Berta Correia leg.).

**Mondim de Basto:** Volta da Lousa (Ermelo) (NF9078), 17-10-2010, 1 ex. photographed by Camilo Carneiro (not collected).

**Porto:** Porto (city) - Science Faculty (FC4 building - Biology Department) (NF3055), 14-10-2010, 2 ex. (1 of which deposited in coll. CIBIO-UP).

**Trofa:** Cidoi (Alvarelos) (NF3173), 05-11-2010, 1 ex. (Camilo Carneiro leg.); 14-11-2010, 1 ex. (Camilo Carneiro leg., coll. CIBIO-UP); Seixal (S. Romão do Coronado) (NF3770), 13-10-2010, 1 ex.; 17-10-2010, 1 ex.; 23-10-2010, 1 ex. (coll. CIBIO-UP).

**Vila Nova de Gaia:** Gaia Biological Park (north-western part: NF3650), 06-05-2010, 1 ex. (coll. CIBIO-UP); Gaia Biological Park (south-eastern part: NF3749), 21-10-2010, 1 ex. found dead in a spider's web (not collected).



**Map 1.-** Distribution of *Leptoglossus occidentalis* Heidemann, 1910 in continental Portugal.

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