

NOTA / NOTE

Stephanitis takeyai Drake & Maa, 1955 (Hemiptera: Tingidae),
new species for Portugal.José Manuel Grosso-Silva¹, Iúri Frias¹ & Torsten van der Heyden²¹ Museu de História Natural e da Ciência da Universidade do Porto (MHNC-UP) / PRISC, Praça Gomes Teixeira,
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Abstract: The first records of *Stephanitis takeyai* Drake & Maa, 1955 (Hemiptera: Tingidae) from Portugal are reported. The European distribution of the species is summarized.

Key words: Hemiptera, Tingidae, *Stephanitis takeyai*, Portugal, Europe, distribution, first records.

Resumen: *Stephanitis takeyai* Drake & Maa, 1955 (Hemiptera: Tingidae), nueva especie para Portugal. Se presentan las primeras citas de *Stephanitis takeyai* Drake & Maa, 1955 (Hemiptera: Tingidae) de Portugal. Se resume la distribución europea de la especie.

Palabras clave: Hemiptera, Tingidae, *Stephanitis takeyai*, Portugal, Europa, distribución, primeras citas.

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The andromeda lacebug, *Stephanitis takeyai* Drake & Maa, 1955 (Hemiptera: Tingidae), is an Asian species described from Japan that has been introduced into several areas around the globe, namely Europe, India, and the United States of America (DRAKE & RUHOFF, 1965; PÉRICART & GOLUB, 1996; RABITSCH, 2008, 2010). The species lives on ornamental plants of the family Ericaceae (*Pieris*, *Rhododendron*, *Lyonia*), showing a preference for *Pieris japonica* (Thunb.) D. Don ex G. Don (RABITSCH, 2008).

In Europe, *S. takeyai* was first recorded in the Netherlands in 1994 (AUKEMA, 1996), and subsequently from England (MALUMPHY et al., 1998), Poland (SOIKA & LABANOWSKI, 1999), Italy (COLOMBO & LIMONTA, 2001), Germany (HOFFMANN, 2003; HOMMES et al., 2003), Belgium (AUKEMA et al., 2005), France (STREITO & MARTINEZ, 2005; STREITO, 2006), Switzerland (MEGRÓZ, 2008), the Czech Republic (HRADIL et al., 2008), Austria (RABITSCH & FRIEB, 2011), Hungary (VÉTEK et al., 2012), Spain (PÉREZ-OTERO & MANSILLA, 2012), and Slovakia (BARTA & BIBEŇ, 2016). In the Iberian Peninsula, its presence is only recorded from the north-western province of Pontevedra (PÉREZ-OTERO & MANSILLA, 2012).

In the present contribution we record *S. takeyai* from mainland Portugal for the first time, representing a southwards extension of its known Iberian distribution, which remains limited to the north-western part of Iberia. The specimens studied were identified with the key provided by STREITO (2006).

Material examined: PORTUGAL: Porto district: Porto municipality: Porto Botanical Garden (29TNF3056), 20/09/2019, 8 specimens, Iúri Frias leg. (MHNC-UP collection: MHNCUP/ART/37662 to MHNCUP/ART/37669). The specimens were collected on *P. japonica* and the species has subsequently been observed multiple times on the same spot, the most recent observation on 12/10/2020.

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