

***Thaumastocoris peregrinus* Carpintero & Dellapé, 2006 (Hemiptera: Heteroptera: Thaumastocoridae) has reached the Greek island of Crete**

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ABSTRACT: The first record of *Thaumastocoris peregrinus* Carpintero & Dellapé, 2006 on the Greek island of Crete is reported. Information on the known distribution of the species in Europe is summarized.

KEYWORDS: *Thaumastocoris peregrinus*, first record, distribution, Crete.

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Thaumastocoris peregrinus Carpintero & map showing sampling sites with Dellapé, 2006 (Hemiptera: Heteroptera: eucalypts in mainland Greece and on

Thaumastocoridae), commonly known as various Greek islands. While *T. peregrinus* the bronze bug, is a pest of eucalypts was found at various examined sites in (Myrtaceae) (Novoselsky & Freidberg, mainland Greece and on the Greek islands 2016). In Europe, the invasive Australian of Sifnos, Syros and Tinos (Cyclades), the species has been reported from mainland species was not found on Crete.

Italy (Laudonia & Sasso, 2012) and the Italian islands of Sicily (Carapezza, 2014) and Sardinia (di Lascio & Nannini, 2016), Portugal (Garcia et al., 2013), Spain (Vivas et al., 2015), Albania (van der Heyden, 2017), mainland Greece and several Greek islands (Petrakis, 2018) and Malta (Mifsud & Carapezza, 2020) so far.

The paper by Petrakis (2018) contains a

Now, the presence of *T. peregrinus* on Crete can be reported: On 16.12.2020, Fotis Samaritakis photographed an adult specimen of *T. peregrinus* in a park in the village of Kounoupidiana, located in the municipality of Chania at the northwestern coast of the island (Fig. 1).

The photograph was uploaded to the online database iNaturalist (Samaritakis, 2020).

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REFERENCES

- Carapezza, A., 2014, The arrival of one more Eucalyptus pest in Sicily: *Thaumastocoris peregrinus* Carpintero et Dellapé, 2006 (Hemiptera Heteroptera Thaumastocoridae), *Il Naturalista Siciliano*, S. IV, XXXVIII (1): 127-129.
- di Lascio, A., Nannini, M., 2016, A survey of the bronze bug *Thaumastocoris peregrinus* on *Eucalyptus camaldulensis* in the site of its first recovery in Sardinia (Italy), *Communications in Agricultural and Applied Biological Sciences*, 81 (3): 307-308.
- Garcia, A., Figueiredo, E., Valente, C., Monserrat, V.J., Branco, M., 2013, First record of *Thaumastocoris peregrinus* in Portugal and of the neotropical predator *Hemerobius bolivari* in Europe, *Bulletin of Insectology*, 66 (2): 251-256.
- Laudonia, S., Sasso, R., 2012, The bronze bug *Thaumastocoris peregrinus*: a new insect recorded in Italy, damaging to *Eucalyptus* trees, *Bulletin of Insectology*, 65 (1): 89-93.
- Mifsud, D., Carapezza, A., 2020, A new *Eucalyptus* pest in Malta: *Thaumastocoris peregrinus* Carpintero & Dellapé, 2006 (Hemiptera: Heteroptera: Thaumastocoridae), *Bulletin of the Entomological Society of Malta*, 11: 129-132.
- Novoselsky, T., Freidberg, A., 2016, First record of *Thaumastocoris peregrinus* (Hemiptera: Thaumastocoridae) in the Middle East, with biological notes on its relations with eucalyptus trees, *Israel Journal of Entomology*, 46:43-55.
- Petrakis, P.V., 2018, First record of the bug *Thaumastocoris peregrinus* in Greece, *Entomologia Hellenica*, 27: 1-9.
- Samaritakis, F., 2020, *Thaumastocoris peregrinus*. Photograph to be found on iNaturalist [Online database]. Available from: <https://www.inaturalist.org/observations/66880973>. (Accessed: 21.12.2020).
- van der Heyden, T., 2017, The first record of *Thaumastocoris peregrinus* Carpintero & Dellapé, 2006 (Hemiptera: Heteroptera: Thaumastocoridae) for Albania, *Revista gaditana de Entomología*, VIII (1): 133-135.
- Vivas, L., Crespo, J., Jacinto, V., 2015, Primer registro de la especie invasora *Thaumastocoris peregrinus* Carpintero & Dellapé, 2006 en España y nuevos datos para Portugal (Hemiptera: Thaumastocoridae), *BV news Publicaciones Científicas*, 4 (48): 30-35.



Figure 1. Specimen of *Thaumastocoris peregrinus* Carpintero & Dellapé, 2006, Kounoupidiana, Crete, Greece, 16.12.2020. (Photo: Fotis Samaritakis).