

First records of *Tempyra biguttula* Stål, 1874 (Hemiptera: Heteroptera: Rhyparochromidae) in Cyprus, Greece and Malta

Torsten van der Heyden

Immenweide 83, D-22523 Hamburg, Germany.

E-mail: tmvdh@web.de ORCID iD: 0000-0003-4138-7160

ABSTRACT: The first records of *Tempyra biguttula* Stål, 1874 (Hemiptera: Heteroptera: Rhyparochromidae: Rhyparochrominae: Udeocorini) in Cyprus, Greece and Malta are reported. Information on the known distribution of *T. biguttula* in Europe is summarised.

KEY WORDS: *Tempyra biguttula*, alien species, first records, distribution, Cyprus, Greece, Malta, Mediterranean Region.

To cite this article: van der Heyden, T., 2023, First records of *Tempyra biguttula* Stål, 1874 (Hemiptera: Heteroptera: Rhyparochromidae) in Cyprus, Greece and Malta, *J.Het.Turk.*, 5(2): 219-221

DOI:10.5281/zenodo.10207178

To link to this article: <https://www.j-het.org/wp-content/uploads/2023/11/V52-A2.pdf>

Received: Sep 4, 2023; **Revised:** Sep 12, 2023; **Accepted:** Nov 3, 2023; **Published online:** Nov 30, 2023



An Open Access article distributed under the Creative Commons 4.0 (CC BY NC SA) International License.

So far, the Nearctic bug species *Tempyra biguttula* Stål, 1874 (Hemiptera: Heteroptera: Rhyparochromidae: Rhyparochrominae: Udeocorini) has been reported from the following European countries: France, Italy (mainland, Sardinia, Sicily), Portugal and Spain (Baena & Torres, 2012; Maurel & Porteneuve, 2018; Rattu & Dioli, 2018; Dioli et al., 2021).

Now, the first records of *T. biguttula* in Cyprus, Greece and in Malta can be reported:

On 20.07.2022, Aleks Lund photographed an adult specimen near the village of Mellieħa in the northern part of the island of Malta. Two photographs of the specimen were uploaded to the online

database iNaturalist (Lund, 2022).

On 17.06.2023, an adult specimen of *T. biguttula* was photographed by Loïs Rancilhac in Aglantzia, a suburb of Nicosia, the capital of Cyprus. A photo of the specimen was uploaded to the online database iNaturalist (Rancilhac, 2023).

Recently, on 24.08.2023, an adult specimen of *T. biguttula* (Fig. 1) was photographed by Paolo Mazzei in Psili Ammos, located at the eastern coast of the Greek island of Serifos which is one of the Cyclades in the Aegean Sea. Two photographs of the specimen were uploaded to the online database iNaturalist (Mazzei, 2023).



Figure 1. Specimen of *Tempyra biguttula* Stål, 1874, Psili Ammos, Serifos, Greece, 24.08.2023. (Photo: Paolo Mazzei).

ACKNOWLEDGEMENTS

I would like to thank Paolo Mazzei for allowing me to use his photo of *T. biguttula* to illustrate this note.

REFERENCES

- Baena, M., Torres, J.L., 2012, Nuevos datos sobre heterópteros exóticos en España y Francia: *Tempyra biguttula* Stål, 1874, *Belonochilus numenius* (Say, 1832) y *Zelus renardii* (Kolenati, 1856) (Heteroptera: Rhyparochromidae, Orsillidae, Reduviidae), *Boletín de la Asociación española de Entomología*, 36 (3-4): 351-360.
- Dioli, P., Lenzini, L., Salvetti, M., 2021, Sulla presenza in Italia, Spagna e Portogallo di *Tempyra biguttula* Stål, 1874 (Heteroptera, Rhyparochromidae), *Rivista del Museo Civico di Scienze Naturali "Enrico Caffi"*, 34: 41-43.
- Lund, A., 2022, *Tempyra biguttula*. Photographs to be found on iNaturalist [Online database]. Available from: <https://www.inaturalist.org/observations/127141122>. (Accessed: 04.09.2023).
- Maurel, J.-P., Porteneuve, J.-J., 2018, *Tempyra biguttula* Stål, 1874 une nouvelle punaise invasive découverte en Occitanie (Heteroptera; Lygaeidae; Rhyparochrominae), *Carnets natures*, 5: 47-50.
- Mazzei, P., 2023, *Tempyra biguttula*. Photographs to be found on iNaturalist [Online database]. Available from: <https://www.inaturalist.org/observations/180638303>. (Accessed: 04.09.2023).
- Rancilhac, L., 2023, *Tempyra biguttula*. Photograph to be found on iNaturalist [Online database]. Available from: <https://www.inaturalist.org/observations/168119937>. (Accessed: 04.09.2023).
- Rattu, A., Dioli, P., 2018, *Tempyra biguttula* Stål, 1874, una specie esotica di origine americana, nuova per l'Italia (Hemiptera: Rhyparochromidae), *Revista gaditana de Entomología*, IX: 315-320.