

NOTA / NOTE

First records of *Gonocerus insidiator* (Fabricius, 1787)
(Hemiptera: Heteroptera: Coreidae: Coreinae: Gonocerini)
for Albania.

Torsten van der Heyden

Immenweide 83, D-22523 Hamburg (GERMANY). e-mail: tmvdh@web.de

Abstract: The first records of *Gonocerus insidiator* (Fabricius, 1787) (Heteroptera: Coreidae) in Albania are reported. Additional information on the distribution and the ecology of this species is given.

Key words: Hemiptera, Heteroptera, Coreidae, Coreinae, Gonocerini, *Gonocerus insidiator*, distribution, ecology, first records, Albania.

Resumen: Primeras citas de *Gonocerus insidiator* (Fabricius, 1787) (Hemiptera: Heteroptera: Coreidae: Coreinae: Gonocerini) para Albania. Se dan a conocer las primeras citas de *Gonocerus insidiator* (Fabricius, 1787) (Heteroptera: Coreidae) en Albania. Se aporta también información adicional sobre la distribución y la ecología de esta especie.

Palabras clave: Hemiptera, Heteroptera, Coreidae, Coreinae, Gonocerini, *Gonocerus insidiator*, distribución, ecología, primeras citas, Albania.

Recibido: 22 de septiembre de 2017

Publicado on-line: 9 de octubre de 2017

Aceptado: 26 de septiembre de 2017

Recently, the coreid species *Plinactus imitator* (Reuter, 1891), which originally was described by Reuter (1891) as *Gonocerus insidiator* F. var. *imitator*, was reported as new to the fauna of Albania (van der Heyden, 2017). In this note, the first records of the very similar species *Gonocerus insidiator* (Fabricius, 1787) in Albania are published.

The genus *Gonocerus* Berthold, 1827 includes nine species; three of them can be found in the Mediterranean Region: *Gonocerus acuteangulatus* (Goeze, 1778), *G. insidiator* and *G. juniperi* Herrich-Schäffer, 1839 (Fauna Europaea, 2017).

G. insidiator is considered a Holomediterranean species. So far, in Europe it has been reported from Portugal, Spain (including the Balearic Islands and the Canary Islands), France, Italy, Croatia, Bosnia and Herzegovina, Serbia, Greece and Cyprus (Dolling, 2006; Aukema et al., 2013; Moulet, 2013; BiodiversidadVirtual.org, 2017; Fauna Europaea, 2017). Records from Malta are incorrect (Carapezza & Mifsud, 2015).

The species has been found on various host plants such as *Cistus* sp. (Cistaceae), *Quercus* sp. (Fagaceae), *Pistacia* sp. (Anacardiaceae), *Daphne* sp. (Thymelaeaceae), *Phlomis* sp. and *Lavandula* sp. (Lamiaceae) and *Arbutus* sp. (Ericaceae) (CoreoideaSF Team, 2017).

On 7.07.2017, Aleksander Golemaj was able to take photographs of an imago of *G. insidiator* in Jalë near the city of Vlorë in southern Albania (Fig. 1). One month later, on 10.08.2017, he observed and photographed an adult specimen of *G. insidiator* at the same locality.

Acknowledgements

I would like to thank Aleksander Golemaj (Vlorë, Albania) for allowing me to use his photograph

of *G. insidiator* to illustrate this paper. Furthermore, I would like to thank Paride Dioli (Milan, Italy) and Pierre Moulet (Avignon, France) for helpful information.

References

Aukema, B.; Duffels, H.; Günther, H.; Rieger, C. & Strauß, G. 2013. New data on the Heteroptera fauna of La Palma, Canary Islands (Insecta: Hemiptera). *Acta Musei Moraviae, Scientiae biologicae* **98**(2): 459-493.

BiodiversidadVirtual.org. 2017. *Insectarium Virtual*.

(Online database: <http://www.biodiversidadvirtual.org/insectarium>). [Accessed: 22.09.2017].

Carapezza, A. & Mifsud, D. 2015. New records of true bugs (Hemiptera, Heteroptera) from the Maltese Islands. *Bulletin of the Entomological Society of Malta* **7**: 27-50.

CoreoideaSF Team. 2017. *Coreoidea Species File Online*. Version 5.0/5.0. (Online database: <http://Coreoidea.SpeciesFile.org>). *Gonocerus insidiator* (Fabricius, 1787). [Accessed: 22.09.2017]. Available online from: <http://coreoidea.speciesfile.org/Common/basic/Taxa.aspx?TaxonNameID=1188753>

Dolling, W.R. 2006. Superfamily Coreoidea Leach, 1815. In: Aukema, B. & Rieger, C. (eds.). *Catalogue of the Heteroptera of the Palaearctic Region 5*. Nederlandse Entomologische Vereniging, Amsterdam, 550 pp.

Fauna Europaea. 2017. Version 2017.06. (Online database: <https://fauna-eu.org>). [Accessed: 22.09.2017].

Moulet, P. 2013. *Addenda et Corrigenda à apporter à l'ouvrage «Hémiptères Coreoidea euro-méditerranéens» (Faune de France, vol. 81, 1995)*. Fédération Française des Sociétés de Sciences Naturelles, Paris, 58 pp.

Reuter, O.M. 1891. Griechische Heteroptera gesammelt von E. von Oertzen und J. Emge. *Berliner Entomologische Zeitschrift* **36**(1): 17-34.

van der Heyden, T. 2017. Notes on *Plinachtus imitator* (Reuter, 1891), including the first records for Albania (Hemiptera: Heteroptera: Coreidae: Coreinae: Gonocerini). *BV news Publicaciones Científicas* **6**(77): 68-73.



Fig. 1.- *Gonocerus insidiator* (Fabricius, 1787), Jalë, Albania, 7.07.2017. (Photograph: Aleksander Golemaj).