

NOTA / NOTE

New records of Heteroptera from the Canary Islands (Spain), II

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Abstract: In addition to recently published checklists of Heteroptera from the Canary Islands, new records of *Dieuches schmitzi* Reuter, 1893 (Heteroptera: Rhyparochromidae), *Cydnus aterrimus* (Forster, 1771) (Heteroptera: Cydnidae) and *Halyomorpha halys* (Stål, 1855) (Heteroptera: Pentatomidae) are reported.

Key words: Heteroptera, *Cydnus aterrimus*, *Dieuches schmitzi*, *Halyomorpha halys*, new records, distribution, Canary Islands, Spain.

Resumen: Nuevas citas de Heteroptera de las Islas Canarias (España), II. Como complemento a listas de Heteroptera de las Islas Canarias recientemente publicadas, se presentan nuevas citas de *Dieuches schmitzi* Reuter, 1893 (Heteroptera: Rhyparochromidae), *Cydnus aterrimus* (Forster, 1771) (Heteroptera: Cydnidae) y *Halyomorpha halys* (Stål, 1855) (Heteroptera: Pentatomidae).

Palabras clave: Heteroptera, *Cydnus aterrimus*, *Dieuches schmitzi*, *Halyomorpha halys*, nuevas citas, distribución, Islas Canarias, España.

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VAN DER HEYDEN (2023) published the first part of a series of new records of Heteroptera from the Canary Islands. In this note, more new records from the archipelago are reported. The known distribution of the species mentioned in this note was checked by using various checklists (AUKEMA *et al.*, 2006, 2013; RIEGER, 2020; ROCA-CUSACHS *et al.*, 2020). Furthermore, the online databases Banco de Datos de Biodiversidad de Canarias (GOBIERNO DE CANARIAS, 2023) and Catalogue of Palaearctic Heteroptera (AUKEMA, 2023) were consulted. All new records reported in this note are based on photographic records uploaded to the online database iNaturalist.



Dieuches schmitzi Reuter, 1893 (Heteroptera: Rhyparochromidae) was reported by AUKEMA *et al.* (2006, 2013) and ROCA-CUSACHS *et al.* (2020) for the islands of La Palma, La Gomera, Tenerife and Gran Canaria. RIEGER (2020) added the island of Fuerteventura to the list of its distribution on the Canary Islands. The island of Lanzarote can be added to the list: On 28-06-2020, an adult specimen of *D. schmitzi* was photographed in El Jablillo near Costa Teguisse in the eastern part of the island (see [here](#)).



AUKEMA *et al.* (2006, 2013) and ROCA-CUSACHS *et al.* (2020) reported *Cydnus aterrimus* (Forster, 1771) (Heteroptera: Cydnidae) for the islands of El Hierro, La Palma, Tenerife, Gran Canaria,

Fuerteventura and Lanzarote. The species was found on the island of La Gomera, too: On 22-05-2022, a nymph was photographed southwest of Alojera, near the northwestern coast of the island (see [here](#)).



Halyomorpha halys (Stål, 1855) (Heteroptera: Pentatomidae) has not been reported for the Canary Islands, yet. This invasive Asian species has to be added to the list of Heteroptera which are present on the archipelago, as the species was found on the island of Tenerife: On 17-12-2021, the second author found and photographed an adult specimen of *H. halys* (Fig. 1) in an urban environment in Costa Adeje at the southwestern coast of Tenerife (see [here](#)). Within the next few days more adult specimens were seen (Fig. 2). In total, at least six specimens were found, of which four were collected and handed over to the local plant health agency. Furthermore, on 07-03-2023 an adult specimen of *H. halys* was photographed by another observer in the vicinity of the first cluster of records in Costa Adeje, suggesting an established population. These records represent a dramatic species expansion and raise important questions about the species demography and potential economic and biodiversity impacts on Tenerife. The population could also act as a source for invasion of other Canary Islands.

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Fig. 1.- Specimen of *Halyomorpha halys* (Stål, 1855), Costa Adeje, Tenerife, Canary Islands, Spain. (Photo: Silviu Petrovan).

Fig. 2.- Specimens of *Halyomorpha halys* (Stål, 1855) and urban environment of the site where they were found, Costa Adeje, Tenerife, Canary Islands, Spain. (Photo: Silviu Petrovan).