

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

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Abstract: The first record of *Auchenocrepis alboscuteolata* Puton, 1874 (Heteroptera: Miridae) on the island of Fuerteventura (Canary Islands, Spain) is reported. This is the first record of the species in the archipelago. Furthermore, its known distribution and the presence of the genus *Auchenocrepis* Fieber, 1858 in the Canary Islands are summarised.

Key words: Heteroptera, Miridae, *Auchenocrepis*, *Auchenocrepis alboscuteolata*, first record, *Tamarix canariensis*, host plant, distribution, Fuerteventura, Canary Islands, Spain.

Resumen: Nuevas citas de Heteroptera de las Islas Canarias (España), XXI. Se presenta la primera cita de *Auchenocrepis alboscuteolata* Puton, 1874 (Heteroptera: Miridae) en la isla de Fuerteventura (Islas Canarias, España). Ésta es la primera cita de la especie en el archipiélago. Además, se resumen su distribución conocida y la presencia del género *Auchenocrepis* Fieber, 1858 en las Islas Canarias.

Palabras clave: Heteroptera, Miridae, *Auchenocrepis*, *Auchenocrepis alboscuteolata*, primera cita, *Tamarix canariensis*, planta huésped, distribución, Fuerteventura, Islas Canarias, España.

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Auchenocrepis alboscuteolata Puton, 1874 (Heteroptera: Miridae) is an Eremian species and widely distributed in North Africa, the Middle East, the Arabian Peninsula, Pakistan and Tropical Africa (CARAPEZZA *et al.*, 2024). Furthermore, *A. alboscuteolata* was found on the Italian island of Pantelleria (CARAPEZZA, 1995). The species is monophagous and associated with *Tamarix* sp. (Tamaricaceae) (ELLIS, 2022; CARAPEZZA *et al.*, 2024).

Recently, *A. alboscuteolata* was observed for the first time in the Canary Islands (Spain): On 08-06-2025, the second author found an adult specimen (Fig. 1) and several nymphs in the Barranco de La Pared near the village of La Pared, located at the western coast of the island of Fuerteventura (coordinates: 28.2169841106, -14.2202984406, accuracy: 81 m). The specimens were found on their host plant *Tamarix canariensis* Willd. (see [here](#)). Three photographs of the adult specimen were uploaded to the online database iNaturalist (see [here](#)).

Based on a photograph and after comparing it with specimens in his collection, the adult specimen of *A. alboscuteolata* reported herein was determined by Paride Dioli (pers. comm.).

Apart from *A. alboscuteolata*, two endemic species of the genus *Auchenocrepis* Fieber, 1858 have been reported from the Canary Islands, so far: *Auchenocrepis nigricornis* Wagner, 1954 from the island of Gran Canaria and *Auchenocrepis similis* Wagner, 1954 from the island of Fuerteventura (AUKEMA *et al.*, 2006, 2013; RIEGER, 2020; ROCA-CUSACHS *et al.*, 2020). According to Paride Dioli (pers. comm.), the systematic position of *A. similis* "is rather doubtful and, in any case, should be verified by looking at the shape of the genitalia (paramera) in E. Wagner's collection in Hamburg".

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Fig. 1.- Adult specimen of *Auchenocrepis alboscuteolata* Puton, 1874, near La Pared, Fuerteventura, Canary Islands, Spain. (Photo: Luis Plünnecke).