

CONTRIBUTION TO THE KNOWLEDGE OF THE GENUS *APTEROLA* (HETEROPTERA: LYGAEIDAE) IN TURKEY

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ABSTRACT: The present contribution is based on Lygaeidae collection from Binboğa Mountain (Kahramanmaraş, Turkey) in 1988. As a result of this, a total of 2 specimens of the species *Apterola lownii* Saunders, 1876 are reported.

KEY WORDS: Lygaeidae, *Apterola lownii*, new record, Binboğa Mountain, Turkey, Kahramanmaraş

The genus *Apterola* is represented by the following species: *kuenckeli* Mulsant & Rey (= *rubicunda* Stal, *gridellii* Mancini, and *pedestris* Stal), *lownii* Saunders, *iberica* Horvath, *ramburi* Pelaez and *pallida* Slater. *A. rubicunda* is regarded as a subspecies of *A. kuenckeli* Mulsant & Rey actually (Deckert, 1995). The genus is represented only by 2 species in Turkey as *A. kuenckeli* and *A. lownii*.

A. kuenckeli was recorded from Adana, Gaziantep and Hatay provinces as *A. rubicunda*, and Mersin province as *A. pedestris* in Turkey by Önder et al. (2006) and Lodos et al. (1999). And *A. lownii* was reported from Ankara, Edirne, Kayseri and Mardin provinces (Önder et al., 2006). The heteroptera fauna of Binboğa Mountains listed by the first author in 2016 (Kiyak, 2016).

MATERIALS AND METHODS

This study concerning with the species of Lygaeidae was realised in the Binboğa Mountains in the Mediterranean Region between 1988 and 1989, respectively. Materials were collected by sweeping on flowering plants. These materials are preserved in the collections of GUZM, Faculty of Science, University of Gazi, Ankara, Turkey. Identification of specimens were made by the second author based on the relevant literature such as (Deckert, 1995) and Stichel (1957-1962). General distributions of the species were taken from Deckert, 1995 and Aukema & Rieger, 2001.

RESULTS

As a result of this work, totally 2 specimens were found in genera *Apterola* (Lygaeidae).

Family Lygaeidae

Apterola Mulsant & Rey, 1866

Apterola lownii (Saunders, 1876)

Two specimens are collected in the forest (*Pinus nigra* ssp. *pallasiana* - *Cedrus libani* - *Juniperus* sp.) on the *Nigella arvensis* during copulation.

Material examined: 1 ♂, 1 ♀ near of Korkmaz village (Binboğa Mountain, Kahramanmaraş Province, Göksun) 1550 m, 06.08.1988, leg. S. Kiyak.

This species a new record for the Binboğa Mountain (Kahramanmaraş province-Turkey) fauna.

Turkish distribution: Ankara, Edirne, Kayseri, Mardin provinces (Önder et al., 2006) and Binboğa Mountains-Kahramanmaraş Province with present study.

Palaeartic distribution: It is a widely distributed species in Palaeartic region (Bulgaria, Greece, Iraq, Iran, Israel, Jordan, Macedonia, Serbia, North-Afghanistan, southern Russia, Syria, Tadshikistan, Turkei, Turkestan, Cyprus)(Deckert,1995; Aukema & Rieger, 2001).

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