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***Eremocoris juquilianus* a new bug species from the mountains in Oaxaca, Mexico (Hemiptera: Rhyparochromidae: Drymini): with description of the immature stages**

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Abstract

The genus *Eremocoris* Fieber is represented by 43 species, and three subspecies, 14 and 3 are Palearctic, 5 Oriental, 3 Afrotropical and 21 Nearctic. 14 species are recorded in Mexico. This contribution contains descriptions and illustrations of the adult and all immature stages of *Eremocoris juquilianus* sp. nov. and notes on its biology, habitat, and distribution in Mexico.

Key words: Heteroptera, Lygaeoidea, Drymini, Pine-Oak forest

Introduction

The genus *Eremocoris* Fieber is relatively large, including species in the Palearctic, Oriental, Afrotropical, and Nearctic Regions. In the American Continent it has been studied by Barber (1928), Sweet (1977), Ashlock (1979), Brailovsky and Barrera (1980), Brailovsky and Cervantes (1989), and Kondorosy (2013). It is represented in total by 43 species and three subspecies, 14 and 3 found in the Palearctic, 21 in the Nearctic, 5 in the Oriental and 3 in the Afrotropical Region. In Mexico Brailovsky and Barrera (1980) made a revision of the Drymini, Brailovsky and Cervantes (1989) described two more species, and after Slater (1992) transferred *Davidedoviellaxis arnaudi* Brailovsky, to *Eremocoris*, a total 14 species have been recorded in this country.

This study contains descriptions and illustrations of the adult and all immature stages of *Eremocoris juquilianus* sp. nov., notes on its biology, habitat, and distribution in Mexico.

Material and methods

The specimens were obtained from the following institutions: Cornell University, Insect Collection, Comstock Hall, Ithaca, New York, USA (CUIC); Colección Entomológica del Instituto de Ecología, A.C. Xalapa, Veracruz, Mexico (IEXA), and Colección Nacional de Insectos, Instituto de Biología, Universidad Nacional Autónoma de México, Mexico City (UNAM).

The illustrations were made using a drawing tube adaptor for a Leica MZ8 microscope. The measurements are given in mm ± SE.

***Eremocoris juquilianus* sp. nov. (Figure 1)**

Diagnosis. This new species can be recognized by having the tylus shiny reddish brown and unicolorous with the rest of the head, and pronotum, scutellum, clavus, corium, and thorax entirely shiny reddish brown.