



Grasshoppers, Crickets and Katydid (Insecta: Orthoptera) of Cuba: an annotated checklist

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Abstract

An annotated list of the Cuban fauna of Orthoptera is presented. For each species we include details of valid names, synonyms, type specimens (type category, sex, locality and depository), geographic distribution and bibliographic references. Clarifying notes are added, as well as comments on the species considered doubtful. A total of 140 species included in 62 genera, 31 subfamilies and 12 families make up the known Cuban fauna of Orthoptera. The family Episactidae, the acridid subfamily Ommatolampidinae with 3 unknown genera, 3 unknown genera of Tettigoniidae (Conocephalinae) and 1 undescribed new genus of Tetrigidae (Cladonotinae) are here recorded for the first time from Cuba. Syntypes are designated for *Hygronemobius histrionicus* Zayas.

Key words: Orthoptera, taxonomy, diversity, Cuba, Greater Antilles, West Indies

Resumen

Se presenta una lista de la fauna cubana de ortópteros. Para cada especie se incluye la información sobre nombres válidos, sinonimias, especímenes tipo (categoría del tipo, sexo, localidad y colección depositaria), distribución geográfica y las referencias bibliográficas pertinentes. Se añaden notas aclaratorias y también se comenta la situación de las especies consideradas dudosas. La fauna conocida de ortópteros cubanos está compuesta por 140 especies incluidas en 62 géneros, 31 subfamilias y 12 familias. La familia Episactidae, la subfamilia acrídida Ommatolampidinae con 3 géneros desconocidos, 3 géneros desconocidos de Tettigoniidae (Conocephalinae) y un nuevo género de Tetrigidae (Cladonotinae) aún sin describir son reportadas por primera vez para Cuba. Se designan sintipos para *Hygronemobius histrionicus* Zayas.

Palabras claves: Orthoptera, taxonomía, diversidad, Cuba, Antillas Mayores, Indias Occidentales

Introduction

The arthropods of Cuba are likely to be the best studied in the Caribbean area. However, the insects of the order Orthoptera have not been studied in much detail besides some early works at the end of the 19th century in which the majority of known species were described. Most of the available taxonomic information is very dispersed in many publications by different authors and occasional reports. The most important contributions to the knowledge of Cuban Orthoptera are “*Énumération des Orthoptères de l’Île de Cuba*” by Ignacio Bolívar (1888), “*Contribución a la Entomología Cubana*” by Juan Gundlach (1891), “*A Catalog of the Orthoptera of Cuba and the Isle of Pines*” by James A. G. Rehn (1909), and “*Entomofauna Cubana*”, tomo III”, by Fernando de Zayas (1976). Of these authors, only Gundlach and Zayas worked directly from Cuba, though neither one was a specialist on Orthoptera. Bolívar, Rehn and other authors like Hebard, Scudder, Saussure and Stål (to mention only a few) worked from abroad, some never visiting Cuba and using materials deposited in collections of institutions located

***Neoconocephalus nieti* Saussure, 1859** [= *Conocephaloides nieti* Saussure, 1859]

T. Walker and Greenfield, 1983: 379.

Notes. According to Walker and Greenfield (1984), this is a doubtful name.

***Neoconocephalus occidentalis* (Saussure, 1859)** [= *Conocephaloides occidentalis* (Saussure, 1859)]

Rehn, 1909: 215; Perez-Gelabert, 2001: 68.

Distribution. Hispaniola.

Notes. Species known only from Hispaniola.

***Phoebolampta excellens* (F. Walker, 1869)** [= *P. magnifica*]

Perez-Gelabert, 2001: 68.

Distribution. Hispaniola.

Notes. This name is included in the catalogs of Bolívar (1888), Gundlach (1891) and Rehn (1909). This last author suggests that this listing likely represents *Phoebolampta cubensis*.

***Polyancistrus serrulatus* (Palisot de Beauvois, 1805)**

Gundlach, 1891: 354. Perez-Gelabert, 2001: 61.

Distribution. Dominican Republic.

Notes. This species is considered endemic to Hispaniola. The only Polyancistrini known from Cuba are the three species of the endemic genus *Polyancistroides* Rehn.

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