



## A list of Cuban Lepidoptera (Arthropoda: Insecta)

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### Abstract

A total of 1557 species belonging to 56 families of the order Lepidoptera is listed from Cuba, along with the source of each record. Additional literature references treating Cuban Lepidoptera are also provided. The list is based primarily on literature records, although some collections were examined: the Instituto de Ecología y Sistemática collection, Havana, Cuba; the Museo Felipe Poey collection, University of Havana; the Fernando de Zayas private collection, Havana; and the United States National Museum collection, Smithsonian Institution, Washington DC. One family, Schreckensteinidae, and 113 species constitute new records to the Cuban fauna. The following nomenclatural changes are proposed: *Paucivena hoffmanni* (Koehler 1939) (Psychidae), **new comb.**, and *Gonodontodes chionosticta* Hampson 1913 (Erebidae), **syn. nov.**, is a synonym of *Gonodontodes dispar* Hampson 1913. *Burca cubensis* (Skinner 1913) (Hesperiidae), and *Eulepidotis reflexa* (Herrich-Schäffer 1869) (Erebidae) are revised and revalidated.

**Key words:** Cuba, diversity, Greater Antilles, Lepidoptera, literature, missing groups, West Indies

### Introduction

The entire Lepidoptera fauna of Cuba has not been catalogued since Gundlach (1881), although virtually all of the Lepidoptera families present in Cuba have been treated at least once in separate publications since then. Although valuable, these scattered data sources make the work of specialists interested in the Cuban fauna more difficult. Currently, there is no available work comprising all the Cuban Lepidoptera, their current names, and modern classification.

The present paper provides an updated checklist of the Lepidoptera of Cuba including several new records. It is intended to represent a modern baseline. The work also includes a list of references dating from the 19th century to the present concerning the Lepidoptera fauna of Cuba.