

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

RAYNER NÚÑEZ AGUILA<sup>1,3</sup> & ALEJANDRO BARRO CAÑAMERO<sup>2</sup>

<sup>1</sup>División de Colecciones Zoológicas y Sistemática, Instituto de Ecología y Sistemática, Carretera de Varona km 3. 5, Capdevila, Boyeros, Ciudad de La Habana, Cuba. CP 11900. Habana 19

<sup>2</sup>Facultad de Biología, Universidad de La Habana, 25 esq. J, Vedado, Plaza de La Revolución, La Habana, Cuba.

<sup>3</sup>Corresponding author. E-mail: rayner@ecologia. cu

### Table of contents

|                                       |    |
|---------------------------------------|----|
| Abstract .....                        | 1  |
| Introduction .....                    | 1  |
| Materials and methods .....           | 2  |
| Results and discussion .....          | 2  |
| List of the Lepidoptera of Cuba ..... | 4  |
| Notes .....                           | 48 |
| Acknowledgments .....                 | 51 |
| References .....                      | 51 |
| Appendix .....                        | 56 |

### 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.

## Materials and methods

The list is based on a review of the literature as well as the examination of specimens at a few institutions. The Instituto de Ecología y Sistemática (IES) houses the largest collection of Cuban Lepidoptera in the world with more than 22,000 specimens representing approximately 1,200 species, about three-fourths of the known fauna. Other collections reviewed at least partially include the Museo Felipe Poey (MFP), University of Havana; the private collection of Fernando de Zayas (CFZ), Havana; and the United States National Museum of Natural History (USNM), Smithsonian Institution, Washington DC.

The majority of the species listed are derived from three important works: Alayo & Valdés (1982), Alayo & Hernández (1987), and Zayas (1989). Alayo & Valdés (1982) listed more than 500 species belonging to several families of microlepidoptera; Alayo & Hernández (1987) provide a full list, biological data, and color photographs for the majority of butterflies recorded from Cuba; and Zayas (1989) includes complete lists of select moth families, including all families of Noctuoidea.

Many other works documenting Lepidoptera from Cuba were examined, and these are cited with the appropriate species in the list. Additional references treating the Cuban fauna are listed in the **Appendix**. Species constituting new records are based on identified specimens deposited in collections that were not previously documented from Cuba in the literature.

Higher classification follows van Nieukerken *et al.* (2011). Nomenclature at the genus and species level follows: Puplesis *et al.* (2002) for Nepticulidae; Davis & Stonis (2007) for Opostegidae; Heppner (1984) for Nepticuloidea–Immoidea; Lamas (2004) and Warren *et al.* (2011) for butterflies and skippers; Gielis (2006, 2011) for Pterophoridae; Heppner (1995) for Pyraloidea–Tortricoidea; Kitching & Cadiou (2000) for Sphingidae; Watson & Goodger (1986), Poole (1989), Becker (2002a), Lafontaine & Poole (2010), and Lafontaine & Schmidt (2010) for Noctuoidea; and Scoble (1999) and Becker (2002b) for Geometroidea. Other works relied on for suprageneric classification were Kaila (2004) for Gelechioidea; Wahlberg *et al.* (2003), Wahlberg *et al.* (2005a, b), and Warren *et al.* (2008) for Papilionoidea; and Lafontaine & Schmidt (2010) for Noctuoidea.

For each species at least one reference reporting it from Cuba is given, except for the new records and endemics known only from their original descriptions. Synonyms, misspellings and misidentifications are limited to species whose type locality, or part of the type localities, is Cuba or if there are no other citations to the Cuban fauna.

## Results and discussion

**Species and families inventory.** A total of 1557 species belonging to 56 families of the order Lepidoptera is known from Cuba (Table 1). One family, Schreckensteiniidae, and 113 species constitute new records to the Cuban fauna. Some non-native species are present in the list; including 16 strays from adjacent territories and seven introduced species.

**Endemism.** Seven genera are endemic to Cuba: *Burtia* Grote 1866, *Didaphne* Neumogen 1894, *Glaucicodia* Hampson 1910, *Soritena* Schaus 1925, *Zellatilla* Dyar 1914, *Santiaxis* Schaus 1916, and *Holguinia* Evans 1955, all but the first monotypic. About 19% of the species (292) are endemic or presumably endemic to Cuba. Endemism is high in some groups such as Psychidae 73%, Limacodidae 100%, and Arctiinae 50%, whereas it is null or very low in others including Pterophoridae 0%, Tortricidae 2.5%, and Noctuidae 8%. Of course, it is clear that endemism is difficult to assess in the lesser known groups such as the majority of the microlepidoptera families which are insufficiently studied both in Cuba and its adjacent islands.

**Missing groups and comparison with other Greater Antilles.** A general overview indicates that the Lepidoptera fauna of Cuba (1557 species, current work) and Puerto Rico (1040 species, Smith *et al.* 1994 & Maldonado 1995) are better studied than that of Hispaniola and Jamaica. Hispaniola is the poorest known with only 874 Lepidoptera species recorded (Pérez–Gelabert 2008) being the second island in size and probably the first in habitat heterogeneity. However, it is clear that actual Lepidoptera diversity on that island is richer than indicated by studies in groups such as Tortricidae or Phycitinae, with 48 and 63 species respectively known (Pérez–Gelabert 2008). Recent advances in the study of its Lepidoptera fauna have proven the presence there of groups previously considered absent from the Greater Antilles, including the Saturniidae (Lemaire 1999; Rougerie & Herbin 2006), Notodontidae: Dioptinae (Rawlins & Miller 2008), and Noctuidae: Pantheinae (Anweiler 2009).

**TABLE 1.** Species number and number of endemic species of the order Lepidoptera families present in Cuba.

| Family             | #Species | End species | Family        | #Species | End species |
|--------------------|----------|-------------|---------------|----------|-------------|
| NEPTICULIDAE       | 2        | -           | LIMACODIDAE   | 4        | 4           |
| OPOSTEGIDAE        | 5        | 2           | MEGALOPYGIDAE | 2        | -           |
| HELIOZELIDAE       | 1        | -           | ZYGAENIDAE    | 1        | -           |
| PSYCHIDAE          | 11       | 8           | THYRIDIDAE    | 5        | 1           |
| TINEIDAE           | 26       | 7           | HYBLAEIDAE    | 1        | -           |
| GRACILLARIIDAE     | 27       | 9           | PAPILIONIDAE  | 15       | 4           |
| YPONOMEUTIDAE      | 1        | -           | HEDYLIDAE     | 1        | -           |
| ARGYRESTHIIDAE     | 1        | -           | HESPERIIDAE   | 58       | 9           |
| PLUTELLIDAE        | 1        | -           | PIERIDAE      | 35       | 5           |
| GLYPHIPTERIGIDAE   | 3        | 1           | RIODINIDAE    | 1        | -           |
| ATTEVIDAE          | 2        | -           | LYCAENIDAE    | 19       | 2           |
| HELIODINIDAE       | 1        | -           | NYMPHALIDAE   | 64       | 13          |
| BEDELIIDAE         | 1        | -           | PYRALIDAE     | 87       | 16          |
| LYONETIIDAE        | 1        | -           | CRAMBIDAE     | 267      | 27          |
| BLASTOBASIDAE      | 1        | -           | MIMALLONIDAE  | 1        | -           |
| SCHISTONEIDAE      | 1        | -           | DOIDAE        | 1        | 1           |
| ELACHISTIDAE       | 28       | 10          | LASIOCAMPIDAE | 1        | -           |
| BATRACHEDRIDAE     | 1        | -           | BOMBYCIDAE    | 1        | -           |
| COSMOPTERIGIDAE    | 10       | 1           | SATURNIIDAE   | 2        | -           |
| GELECHIIDAE        | 29       | 4           | SPHINGIDAE    | 59       | 14          |
| PTEROPHORIDAE      | 16       | -           | SEMATURIDAE   | 1        | -           |
| SCHRECKENSTEINIDAE | 1        | -           | URANIIDAE     | 13       | 3           |
| URODIDAE           | 2        | 2           | GEOMETRIDAE   | 134      | 22          |
| CHOREUTIDAE        | 11       | 4           | NOTODONTIDAE  | 26       | 8           |
| TORTRICIDAE        | 47       | 5           | EREBIDAE      | 351      | 92          |
| COSSIDAE           | 2        | -           | EUTELIIDAE    | 11       | 1           |
| SESIIDAE           | 2        | 1           | NOLIDAE       | 15       | 5           |
| LACTURIDAE         | 1        | -           | NOCTUIDAE     | 146      | 11          |
| SUBTOTALS          | 235      | 54          |               | 1322     | 238         |
| TOTAL              |          |             |               | 1557     | 292         |

In addition to those mentioned above, there are other groups present on other Greater Antillean islands that are also absent from Cuba. These include the Epipyropidae, Castiniidae, and Dalceridae present in the Hispaniola the first two and the third in Jamaica (Barnes 2001, Pérez–Gelabert 2008). A list of the Lepidoptera groups absent and represented by one or two species at the West Indies is provided by (Rawlins & Miller 2008)

Recent discoveries in Cuba also demonstrate that groups apparently missing from Cuba or the Greater Antilles are in fact present although rare or absent in collections. These are Nepticulidae (present work), Psychidae: Naryciniinae (present work), Argyresthiidae (present work), Schistoneidae (Núñez 2003), and the Crambidae: Musotiminae (Núñez 2004a; present work).

Species originally described from Cuba are marked with “TL: Cuba” except endemics, marked with an “E” letter. Other abbreviations: mis. = misidentification, missp. = misspelling, S = stray, I = introduced. Notes (indicated by a superscript number throughout the text) on certain taxonomic issues, clarification of some new records, and explanations of doubtful occurrences are provided (Notes) after the species list.

**List of the Lepidoptera of Cuba**

## LEPIDOPTERA

## Glossata

Heteroneura<sup>1</sup>

## NEPTICULOIDEA

## NEPTICULIDAE

## Nepticulinae

1. *Enteucha gilvafascia* (Davis 1978), **new record** (IES).
2. *Manoneura basidactyla* (Davis 1978), **new record** (IES).

## OPOSTEGIDAE

3. *Pseudopostega adusta* (Walsingham 1897). Davis & Stonis (2007).
4. *Pseudopostega crassifurcata* Davis & Stonis 2007 E. Davis & Stonis (2007).
5. *Pseudopostega mignonae* Davis & Stonis 2007. TL: Cuba.
6. *Pseudopostega saltatrix* (Walsingham 1897). Alayo & Valdés (1982), Zayas (1989), Davis & Stonis (2007).
7. *Pseudopostega turquinoensis* Davis & Stonis 2007 E.

## ADELOIDEA

## HELIOZELIDAE

8. *Heliozela ahenea* Walsingham 1897, **new record** (IES).

## TINEOIDEA

PSYCHIDAE<sup>2</sup>

## Psychinae

9. *Paucivena cubana* Núñez 2006 E.
10. *Paucivena ferruginea* Núñez 2006 E.
11. *Paucivena fusca* Núñez 2006 E.
12. *Paucivena hoffmanni* (Koehler 1939)<sup>3</sup>, **new comb.**, E. Davis (1964, 1975).
13. *Paucivena orientalis* Núñez 2006 E.
14. *Paucivena pinarensis* Núñez 2006 E. Núñez (2010).
15. *Cryptothelea surinamensis* (Möschler 1878), **new record** (IES).
16. *Prochalia licheniphilus* (Koehler 1939) E. Davis (1964, 1975), Núñez (2004b).

## Oiketinae

17. *Biopsyche thoracica* (Grote 1865) E. Gundlach (1881), Davis (1964, 1975), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
18. *Oiketicus kirbyi* Guelding 1827. Davis (1964, 1975), Alayo & Valdés (1982), Zayas (1989), Núñez (2010).  
*poeyi* Lucas 1857. TL: Cuba. Grote (1865b), Herrich-Schäffer (1865), Gundlach (1881).
19. *Thyridopterix ephemeraeformis* (Haworth 1803). Núñez (2003).

## TINEIDAE

Acrolophinae<sup>4</sup>

20. *Acrolophus arcanellus* (Clemens 1859). Forbes (1931), Alayo & Valdés (1982), Zayas (1989).
21. *Acrolophus basistriatus* Davis 1987 E
22. *Acrolophus dimidiella* (Walsingham 1892) E. Walsingham (1897).
23. *Acrolophus fuscisignatus* Davis 1987 E. Núñez (2004a).
24. *Acrolophus guttatus* Davis 1987 E
25. *Acrolophus leucodocis* (Zeller 1877). TL: Cuba. Walsingham (1887, 1892, 1897), Alayo & Valdés (1982), Zayas (1989).
26. *Acrolophus niveipunctatus* Walsingham 1892 E. Walsingham (1897), Davis (1987).
27. *Acrolophus noctuina* (Walsingham 1892). TL: Cuba. Walsingham (1897), Núñez (2004a).
28. *Acrolophus plumifrontellus* (Clemens 1859). Walsingham (1892, 1897), Alayo & Valdés (1982), Zayas (1989).
29. *Acrolophus popeanellus* (Clemens 1859), **new record** (IES).
30. *Acrolophus vitellus* Poey 1833 E. Walsingham (1887, 1892, 1897), Alayo & Valdés (1982), Zayas (1989).

## Harmacloninae

31. *Harmaclona cossidella* Busck 1914. Davis (1998).

## Meessiinae

32. *Antipolistes anthracella* Forbes 1933. D. Davis & M. Davis (2007).  
 33. *Eudarctia tischeriella* (Walsingham 1897). Alayo & Valdés (1982), Zayas (1989).  
 34. *Homostinea curviliniella* Dietz 1905, **new record** (IES).  
 35. *Oenoe pumiliella* (Walsingham 1897), **new record** (IES).

## Setomorphinae

36. *Setomorpha rutella* Zeller 1852  
*rupicella* (Zeller 1852). TL: Cuba.

## Tineinae

37. *Cubotinea orghidani* Căpuse & Georgescu 1977 E.  
 38. *Niditinea praeumbrata* (Meyrick 1919).  
*negreai* Căpuse & Georgescu 1977. TL: Cuba.  
 39. *Phereoeca uterella* (Walsingham 1897). Busck (1934), Zayas (1989).  
*walsinghami* (Busck 1934). Alayo & Valdés (1982), Zayas (1989).  
 40. *Praeaces atomosella* (Walker 1863).  
*decui* Capuse & Georgescu 1977. TL: Cuba.  
 41. *Tinea cretella* Walsingham 1897, **new record** (IES).  
 42. *Tinea pallidorsella* Zeller 1877. Forbes (1930), Alayo & Valdés (1982), Zayas (1989).

## Erechthiinae

43. *Erechthias minuscula* (Walsingham 1897). Alayo & Valdés (1982).  
 44. *Erechthias zebrina* (Butler 1881). Zayas (1989).

## Hieroxestinae

45. *Opogona antistacta* Meyrick 1937. Davis (1986).

## GRACILLARIOIDEA

## GRACILLARIIDAE

## Gracillariinae

46. *Acrocercops albomarginatum* (Walsingham 1897). Busck (1934), Alayo & Valdés (1982), Zayas (1989).  
 47. *Acrocercops cissiella* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
 48. *Acrocercops clitoriella* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
 49. *Acrocercops cordiella* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
 50. *Acrocercops inconspicua* Forbes 1930. Alayo & Valdés (1982), Zayas (1989).  
 51. *Acrocercops ipomoeae* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
 52. *Acrocercops maranthaceae* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
 53. *Acrocercops melantherella* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
 54. *Acrocercops undifraga* Meyrick 1931. Busck (1934), Alayo & Valdés (1982), Zayas (1989).  
 55. *Caloptilia aeneocapitella* (Walsingham 1891), **new record** (IES).  
 56. *Caloptilia burserella* (Busck 1900). Alayo & Valdés (1982), Zayas (1989).  
 57. *Caloptilia perseae* (Busck 1920). Busck (1934), Alayo & Valdés (1982), Zayas (1989).  
 58. *Chilocampyla psidiella* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
 59. *Dialectica rendalli* Walsingham 1897. Busck (1934), Alayo & Valdés (1982), Zayas (1989).  
 60. *Dialectica sanctaerucis* Walsingham 1897. Busck (1934), Alayo & Valdés (1982), Zayas (1989).  
 61. *Eucosmophora cupreella* Walsingham 1897, **new record** (IES).  
 62. *Eucosmophora sideroxylonella* Busck 1900. Davis & Wagner (2005).  
 63. *Marmara gulosa* Guillén & Davis 2001. Chong & La Rosa (1986).  
 64. *Metriochroa psychotriella* Busck 1900. Alayo & Valdés (1982), Zayas (1989).  
 65. *Neurobathra curcassi* Busck 1934 E.  
 66. *Neurostrota gunniella* (Busck 1906). Busck (1934), Alayo & Valdés (1982), Zayas (1989).  
 67. *Neurostrota pithecolobiella* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
 68. *Spanioptila spinosum* Walsingham 1897. Busck (1934), Alayo & Valdés (1982), Zayas (1989).

## Lithocolletinae

69. *Phyllonorycter stigmaphyllae* Busck 1934. Alayo & Valdés (1982), Zayas (1989).  
70. *Phyllonorycter tenuicaudella* (Walsingham 1897). Núñez (2004a).  
71. *Porphyrosela desmodiella* (Clemens 1859). Busck (1934), Alayo & Valdés (1982).

## Phyllocnistinae

72. *Phyllocnistis citrella* Stainton 1856 I. Heppner (1995).

## YPONOMEUTOIDEA

## YPONOMEUTIDAE

## Yponomeutinae

73. *Yponomeuta triangularis* Möschler 1890. Alayo & Valdés (1982), Zayas (1989).

## ARGYRESTHIIDAE

74. *Argyresthia diffractella* Zeller 1877, **new record** (IES).

## PLUTELLIDAE

## Plutellinae

75. *Plutella xylostella* (Linnaeus 1758). Alayo & Valdés (1982), Zayas (1989).

## GLYPHIPTERIGIDAE

## Glyphipteriginae

76. *Glyphipterix paradisea* Walsingham 1897. Núñez (2004b, 2010).  
77. *Ussara eurythmiella* Busck 1914. Busck (1934), Alayo & Valdés (1982), Zayas (1989).

## Acrolepiinae

78. *Acrolepiopsis cestrella* (Busck 1934) E. Alayo & Valdés (1982), Zayas (1989).

## ATTEVIDAE

79. *Atteva pustulella* (Fabricius 1794).  
*punctella* (Stoll 1781). Walsingham (1897).  
80. *Atteva gemmata* (Grote 1873). TL: Cuba.  
*fastuosa* (Zeller 1877). TL: Cuba. Walsingham (1892, 1897), Alayo & Valdés (1982).

## HELIODINIDAE

81. *Aetole schulzella* (Fabricius 1794). Hsu & Powell (2004).

## BEDELIIDAE

82. *Bedellia minor* Busck 1900. Alayo & Valdés (1982), Zayas (1989).

## LYONETIIDAE

## Cemiostominae

83. *Leucoptera coffeella* (Guérin–Méneville 1842). Alayo & Valdés (1982), Zayas (1989).

## GELECHIOIDEA

## BLASTOBASIDAE

## Blastobasinae

84. *Auximobasis insularis* Walsingham 1897. Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).

## SCHISTONEIDAE

85. *Schistonoea fulvidella* (Walsingham 1897). Núñez (2003).

## ELACHISTIDAE

## Agonoxeninae

86. *Prochola fuscula* Forbes 1931, **new record** (IES).

## Depressariinae

87. *Gonionota bruneri* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).  
88. *Gonionota rosacea* (Forbes 1931). Clarke (1971), Alayo & Valdés (1982), Zayas (1989).  
89. *Psittacastis stigmaphylli* (Walsingham 1912). Alayo & Valdés (1982), Zayas (1989).

## Elachistinae

90. *Dicranoctetes saccharella* (Busck 1934). TL: Cuba. Alayo & Valdés (1982), Zayas (1989).

## Ethmiinae

91. *Ethmia abraxasella clarissa* Busck 1914. TL: Cuba. Busck (1934), Powell (1973), Alayo & Valdés (1982).  
92. *Ethmia confusella* (Walker 1863). Walsingham (1897), Busck (1934), Powell (1973), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).

93. *Ethmia confusellastra* Powell 1973. Powell (1973), Alayo & Valdés (1982).
94. *Ethmia cubensis* Busck 1934. TL: Cuba. Powell (1973), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
95. *Ethmia decui* Capuse 1981 E
96. *Ethmia hiramella* Busck 1914 E. Busck (1934), Powell (1973), Alayo & Valdés (1982), Zayas (1989).
97. *Ethmia julia* Powell 1973. Núñez (2003).
98. *Ethmia nivoseella* (Walker 1864). Walsingham (1897), Busck (1934), Powell (1973), Alayo & Valdés (1982), Zayas (1989).
99. *Ethmia notatella* (Walker 1864). Núñez (2003).
100. *Ethmia oterosella* Busck 1934 E. Powell (1973), Alayo & Valdés (1982), Zayas (1989).
101. *Ethmia parabittenella* Capuse 1981 E
102. *Ethmia piperella* Powell 1973. TL: Cuba. Alayo & Valdés (1982).
103. *Ethmia phylacis ornata* Busck 1934 E. Powell (1973), Alayo & Valdés (1982), Zayas (1989).
104. *Ethmia phylacops* Powell 1973. Powell (1973), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
105. *Ethmia scythropa* Walsingham 1912. Busck (1934), Powell (1973), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
106. *Ethmia sibonensis* Capuse 1981 E
107. *Ethmia submissa* Busck 1914. TL: Cuba. Busck (1934), Powell (1973), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
108. *Ethmia subsimilis* Walsingham 1897. Busck (1934), Powell (1973), Alayo & Valdés (1982), Zayas (1989).
109. *Ethmia termenalbata* Capuse 1981 E
110. *Ethmia unilongistriella* Capuse 1981 E

## Stenomatinae

111. *Mothonica cubana* Duckworth 1969 E. Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
112. *Mothonica ocella* Forbes 1930. Busck (1934), Duckworth (1969), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
113. *Stenoma comma* Busck 1911. TL: Cuba. Busck (1934), Duckworth (1969), Alayo & Valdés (1982), Zayas (1989).

## BATRACHEDRIDAE

## Batrachedrinae

114. *Homaledra sabalella* (Chambers 1880). Alayo & Valdés (1982).

## COSMOPTERIGIDAE

## Cosmopteriginae

115. *Cosmopterix attenuatella* (Walker 1864). Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
116. *Cosmopterix sanctivicensis* Walsingham 1892. Alayo & Valdés (1982), Zayas (1989).
117. *Cosmopterix similis* Walsingham 1897. Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
118. *Pyroderces rileyi* (Walsingham 1882). Forbes (1930), Alayo & Valdés (1982), Zayas (1989).

## Chrysopeleiinae

119. *Ascalenia pancrypta* (Meyrick 1915) E
120. *Ithome curvipunctella* (Walsingham 1892). Forbes (1930), Alayo & Valdés (1982).
121. *Ithome pernigrella* (Forbes 1931), new record (IES).
122. *Perimede purpurascens* Forbes 1931, new record (IES).
123. *Stilbosis lonchocarpella* Busck 1934. TL: Cuba. Alayo & Valdés (1982), Zayas (1989).
124. *Walshia miscecolorella* (Chambers 1875), **new record** (IES).

## GELECHIIDAE

## Anacampsinae

125. *Anacampsis desectella* (Zeller 1877) E. Walsingham (1892, 1897).
126. *Anacampsis lagunculariella* Busck 1900. Alayo & Valdés (1982), Zayas (1989).
127. *Anacampsis meibomiella* Forbes 1931. Busck (1934), Alayo & Valdés (1982).
128. *Battaristis concisa* Meyrick 1929 E.
129. *Brachyacma palpigera* (Walsingham 1892), **new record** (IES).
130. *Strobisia iridipennella* Clemens 1860. Alayo & Valdés (1982), Zayas (1989).

## Dichomeridinae

131. *Dichomeris acuminata* (Staudinger 1876).  
*rusticus* (Walsingham 1892). Alayo & Valdés (1982), Zayas (1989).
132. *Dichomeris piperata* (Walsingham 1892). Alayo & Valdés (1982), Zayas (1989).
133. *Helcystogramma hibisci* (Stainton 1859)  
*obseratella* Zeller 1877. TL: Cuba. Walsingham (1892, 1897).
134. *Helcystogramma melissia* (Walsingham 1911). Busck (1934), Alayo & Valdés (1982), Zayas (1989).

## Gelechiinae

135. *Aristotelia eupatoriella* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).
136. *Chionodes phalacrus* (Walsingham 1911), **new record** (IES).
137. *Evippe evippella* (Forbes 1931). Busck (1934), Alayo & Valdés (1982), Zayas (1989), Núñez (2004b, 2007a).
138. *Keiferia lycopersicella* (Walsingham 1897). Busck (1934), Alayo & Valdés (1982), Zayas (1989).
139. *Nealyda pisoniae* Busck 1900.  
Busck (1934), Alayo & Valdés (1982), Zayas (1989).
140. *Nealyda neopisoniae* Clarke 1946 E.
141. *Phthorimaea operculella* (Zeller 1873). Alayo & Valdés (1982), Zayas (1989).
142. *Polyhymno luteostrigella* Chambers 1874. Busck (1934), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
143. *Stegasta bosqueella* (Chambers 1875). Núñez (2003), (2004a).
144. *Stegasta capitella* (Fabricius 1794). Forbes (1930), Alayo & Valdés (1982), Zayas (1989).
145. *Stegasta postpallescens* (Walsingham 1897). Núñez (2003).
146. *Symmetrischema striatellum* (Murtfeldt 1900). Alayo & Valdés (1982), Zayas (1989).
147. *Telphusa perspicua* (Walsingham 1897). Alayo & Valdés (1982), Zayas (1989).
148. *Thiotricha godmani* (Walsingham 1892). Núñez (2004a).
149. *Thiotricha sciurella* (Walsingham 1897). Alayo & Valdés (1982), Zayas (1989).
150. *Tildenia gudmannella* (Walsingham 1897). Alayo & Valdés (1982), Zayas (1989).

## Pexicopinae

151. *Pectinophora gossypiella* (Saunders 1844). Alayo & Valdés (1982), Zayas (1989).
152. *Prostomeus brunneus* Busck 1903. Busck (1934), Alayo & Valdés (1982), Zayas (1989).
153. *Sitotroga cerealella* (Olivier 1789). Alayo & Valdés (1982), Zayas (1989).

## PTEROPHOROIDEA

## PTEROPHORIDAE

## Ochyroticinae

154. *Ochyrotica fasciata* Walsingham 1891. Núñez (2003).

## Pterophorinae

155. *Adaina bipunctata* (Möschler 1890). Núñez (2004a).
156. *Adaina ipomoeae* Bigot & Etienne 2009. Gielis (2011).
157. *Adaina perplexus* (Grossbeck, 1917). Gielis (2011).
158. *Adaina praeusta* (Möschler 1890). Alayo & Valdés (1982), Zayas (1989).
159. *Adaina thomae* (Zeller 1877). Núñez (2004a).
160. *Dejongia californicus* (Walsingham 1880), **new record** (IES).
161. *Exelastis montischristi* (Walsingham 1897). Matthews & Landry (2008).
162. *Exelastis pumilio* (Zeller 1873). Busck (1934), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
163. *Lantanophaga pusillidactylus* (Walker 1864). Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
164. *Lioptilodes albistriolatus* (Zeller 1877). Gielis (2006).
165. *Megalorhipida leucodactylus* (Fabricius 1794). Gielis (2006).
166. *Michaelophorus dentiger* (Meyrick 1916). Gielis (2006).
167. *Postplatyptilia antillae* Gielis 2006. TL: Cuba.
168. *Sphenarches anisodactylus* (Walker 1864). Gielis (2006).

## SCHRECKENSTEINIOIDEA



## SCHRECKENSTEINIIDAE

169. *Schreckensteinia festaliella* (Hübner [1819])<sup>5</sup> I, **new record** (IES).

## URODOIDEA

## URODIDAE

## Urodinae

170. *Urodus calligera* (Zeller 1877) E. Walsingham (1892, 1897), Alayo & Valdés (1982), Zayas (1989).

171. *Urodus ovata* (Zeller 1877) E. Walsingham (1892, 1897), Alayo & Valdés (1982), Zayas (1989).

## CHOREUTOIDEA

## CHOREUTIDAE

## Choreutinae

172. *Brenthia confluxana* (Walker 1863). Heppner (1985).

173. *Brenthia cubana* Heppner 1985 E.

174. *Brenthia gregori* Heppner 1985. TL: Cuba.

175. *Brenthia hibiscusae* Heppner 1985. TL: Cuba.

176. *Brenthia sapindella* Busck 1934 E. Alayo & Valdés (1982), Heppner (1985), Zayas (1989).

177. *Hemerophila diva* (Riley 1889), **new record** (IES).

178. *Hemerophila rimulalis* (Zeller 1875). Walsingham (1892, 1897), Forbes (1930), Alayo & Valdés (1982).

179. *Tebenna leptilonella* (Busck 1934) E. Alayo & Valdés (1982), Zayas (1989).

180. *Tortyra ignita* (Zeller 1877). TL: Cuba. Busck (1934), Alayo & Valdés (1982), Zayas (1989).

181. *Tortyra iocyaneus* Heppner 1991. Núñez (2007a).

182. *Tortyra vividis* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).

## TORTRICOIDEA

## TORTRICIDAE

## Chlidanotinae

183. *Ardeutica melidora* Razowski 1984 E.

184. *Ardeutica mezion* Razowski 1984 E.

185. *Auratonota paidosocia* Razowski & Becker 1999 E.

186. *Auratonota spinivalva cubana* Razowski & Becker 1999 E.

187. *Thaumatographa cubensis* Heppner 1983 E.

## Olethreutinae

188. *Ancylis bauhiniae* Busck 1934 E. Alayo & Valdés (1982), Zayas (1989).

189. *Ancylis cordiae* Busck 1934. TL: Cuba. Alayo & Valdés (1982), Zayas (1989).

190. *Bactra philocheerda* Diakonoff 1964, **new record** (USNM).

191. *Bactra verutana* Zeller 1875, **new record** (USNM).

192. *Cacocharis albimacula* (Walsingham 1892). Núñez (2003).

193. *Crociosema plebejana* Zeller 1847. Alayo & Valdés (1982), Zayas (1989).

194. *Cryptasasma bipenicilla* Brown & Brown 2004. Brown & Brown (2004).

195. *Cydia largo* Heppner 1981. Heppner (1981).

196. *Cydia latiferrana* (Walsingham 1879), **new record** (IES).

197. *Cydia rana* (Forbes 1924), **new record** (IES).

198. *Endothenia anthracana* (Forbes 1931). Núñez (2003).

199. *Epiblema strenuana* (Walker 1863). Alayo & Valdés (1982), Zayas (1989).

200. *Episimus argutanus* (Clemens 1860). Alayo & Valdés (1976, 1982), Zayas (1989).

201. *Episimus augmentanus* (Zeller 1877). TL: Cuba. Walsingham (1892, 1897), Alayo & Valdés (1982), Zayas (1989), Razowski & Brown (2008).

202. *Episimus guiana* (Busck 1913). Alayo & Valdés (1982), Zayas (1989), Razowski & Brown (2008).

203. *Episimus kimballi* Heppner 1994, **new record** (IES).

204. *Episimus nesiotetes* (Walsingham 1897), **new record** (IES).

205. *Episimus rufatus* Razowski & Brown 2008. TL: Cuba.

206. *Episimus semicircularanus* Walker 1863.

*condensatanus* (Zeller 1877). Alayo & Valdés (1982), Zayas (1989).

207. *Episimus transferranus* (Walker 1863). Alayo & Valdés (1982), Zayas (1989).

208. *Episimus tyrius* Heinrich 1923, **new record** (IES).  
 209. *Eucosma gomonana* Kearfott 1907. Kimball (1965).  
 210. *Gymnandrosoma aurantianum* Lima 1927. Adamski & Brown (2001).  
*pithecelobiae* (Busck 1934). TL: Cuba. Alayo & Valdés (1982), Zayas (1989).  
 211. *Gymnandrosoma leucothorax* Adamski & Brown 2001  
 212. *Rhyacionia frustrana* (Comstock 1880). Alayo & Valdés (1982), Zayas (1989).  
 213. *Rhyacionia subtropica* Miller 1960. TL: Cuba. Alayo & Valdés (1982), Zayas (1989).  
 214. *Ricula maculana* (Fernald 1901), **new record** (IES).  
 215. *Strepticrates smithiana* Walsingham 1892. Busck (1934), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).

## Tortricinae

216. *Aethes seriatana* (Zeller 1875), **new record** (IES).  
 217. *Aethesoides distigmatana* (Walsingham 1897). Razowski (1967).  
 218. *Amorbia concavana* (Zeller 1877). Phillips & Powell (2007).  
 219. *Amorbia effoetana* Möschler 1890. Núñez (2004a).  
*phaseolana* Busck (1934). TL: Cuba. Alayo & Valdés (1982), Zayas (1989).  
 220. *Amorbia revolutana* (Zeller 1877). Phillips & Powell (2007).  
 221. *Apotoforma rotundipennis* (Walsingham 1897). Busck (1934), Alayo & Valdés (1982), Zayas (1989).  
 222. *Clepsis peritana* (Clemens 1860). Alayo & Valdés (1982), Núñez (2004a).  
 223. *Coelostathma parallelana* Walsingham 1887. Bendicho–López (1998).  
 224. *Lorita scarificata* (Meyrick 1917), **new record** (USNM).  
 225. *Mictopsichia cubae* Razowski 2009. TL: Cuba.  
 226. *Platynota calidana* (Zeller 1877). TL: Cuba. Walsingham (1892), (1897).  
 227. *Platynota rostrana* (Walker 1863). Alayo & Valdés (1982), Zayas (1989).  
 228. *Sparganothis sulfureana* (Clemens 1860), **new record** (USNM).  
 229. "*Teras*" *jamaicana* Walker 1863. Alayo & Valdés (1982), Zayas (1989).

## COSSOIDEA

## COSSIDAE

## Cossinae

230. *Prionoxystus piger* (Grote 1865). TL: Cuba. Gundlach (1881), Alayo & Valdés (1982), Zayas (1989).

## Zeuzerinae

231. *Psychonoctua personalis* Grote 1865. TL: Cuba. Herrich-Schäffer (1866), Gundlach (1881), Alayo & Valdés (1982), Zayas (1989).

## SESIIDAE

## Sesiinae

232. *Sannina uroceriformis* Walker 1856 <sup>6</sup>I.  
 233. *Synanthedon cubana* (Herrich-Schäffer 1866) E. Walsingham (1897), Gundlach (1881), Alayo & Valdés (1982), Zayas (1989).

## ZYGAEENOIDEA

## LACTURIDAE

234. *Lactura subfervens* (Walker 1854). Alayo & Valdés (1982).  
*subferreus* (Herrich-Schäffer 1866). TL: Cuba.

## LIMACODIDAE

235. *Alarodia immaculata* (Grote 1865) E. Gundlach (1881), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).  
*nivalis* (Packard 1893). TL: Cuba.  
*maculata* (Schaus 1904). TL: Cuba.  
 236. *Alarodia minuscula* Dyar 1927 E. Alayo & Valdés (1982), Zayas (1989).  
 237. *Alarodia pygmaea* (Grote 1867) E. Gundlach (1881), Alayo & Valdés (1982), Zayas (1989).  
*fumosa* (Grote 1867). TL: Cuba. Gundlach (1881).  
 238. *Leucophobeton argentiflua* (Geyer 1827) E. Grote (1865b), Herrich-Schäffer (1866), Gundlach (1881), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a)

## MEGALOPYGIDAE

## Megalopyginae

239. *Megalopyge krugii* (Dewitz 1877). Hopp (1934), Alayo & Valdés (1982), Zayas (1989).

## Unplaced

240. *Hysterocladia latiunca* Hopp 1927. Hopp (1934), Alayo & Valdés (1982), Zayas (1989).

## ZYGAENIDAE

## Procridinae

241. *Setiodes n. nana* (Herrich-Schäffer 1866) E. Alayo & Valdés (1982), Zayas (1989), Núñez (2010).  
*pygmaeus* (Grote 1866). TL: Cuba. Gundlach (1881).

## THYRIDOIDEA

## THYRIDIDAE

## Siculodinae

242. *Hexeris enhydri* Grote 1875. Zayas (1989).

243. *Rhodoneura sparsireta* Hampson 1906 E. Alayo & Valdés (1982).

244. *Rhodoneura thiastoralis* (Walker 1859). Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).

245. *Zeuzerodes maculata* Warren 1907, **new record** (IES).

## Striglininae

246. *Banisia myrsusalis* (Walker 1859). Alayo & Valdés (1982), Zayas (1989), Bendicho–López (1998), Núñez (2004a).

## HYBLAEOIDEA

## HYBLAEIDAE

247. *Hyblaea puera* (Cramer 1777). Zayas (1989), Becker & Miller (2002), Núñez (2004a).

## PAPILIONOIDEA

## PAPILIONIDAE

## Papilioninae

248. *Battus devilliers* (Godart 1823). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994)

249. *Battus polydamas cubensis* (Dufrane 1946) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

250. *Eurytides celadon* (Lucas 1852) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

251. *Heracles a. andraemon* Hübner [1823]. TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

252. *Heracles androgeus epidaurus* (Godman & Salvin 1890). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

253. *Heracles aristodemus temenes* (Godart 1819) E. Alayo & Hernández (1987), Smith *et al.* (1994).

254. *Heracles caiguanabus* (Poey [1852]) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

255. *Heracles oxynius* (Geyer 1827) E. Alayo & Hernández (1987), Smith *et al.* (1994).

256. *Heracles pelaus atkinsi* (Bates 1935) E. Alayo & Hernández (1987), Smith *et al.* (1994).

257. *Heracles thoas oviedo* (Gundlach 1866)<sup>7</sup> E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

258. *Papilio demoleus* Linnaeus 1758 I. Núñez (2007b).

259. *Papilio p. polyxenes* Fabricius 1775 E.

259. 1. *polyxenes asterius* Stoll [1782]. Alayo & Hernández (1987).

260. *Parides g. gundlachianus* (Felder & Felder 1864) E. Alayo & Hernández (1987), Smith *et al.* (1994).

260. 1. *gundlachianus. alayoi* Hernández, Alayón & Smith 1995 E

261. *Pterourus p. palamedes* (Drury 1773)<sup>8</sup> S.

262. *Pterourus t. troilus* (Linnaeus 1758)<sup>9</sup> S.

## HEDYLIDAE

263. *Macrosoma rubedinaria* Walker 1862. Núñez (2004a).

## HESPERIIDAE

Hesperiinae<sup>10</sup>

264. *Asbolis capucinus* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

265. *Atalopedes m. mesogramma* (Latreille [1824]). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
266. *Calpodetes ethlius* (Stoll 1782). Alayo & Hernández (1987), Smith *et al.* (1994).
267. *Choranthus radians* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
268. *Cymaenes tripunctus* (Herrich-Schäffer 1865). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
269. *Euphyes c. cornelius* (Latreille [1824]). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
270. *Euphyes s. singularis* (Herrich-Schäffer 1865) E. Alayo & Hernández (1987), Smith *et al.* (1994).
271. *Holguinia holguin* Evans 1955 E. Alayo & Hernández (1987), Smith *et al.* (1994).
272. *Hylephila p. phylaeus* (Drury 1773). Alayo & Hernández (1987), Smith *et al.* (1994).
273. *Lerodea e. eufala* (Edwards 1869). Alayo & Hernández (1987), Smith *et al.* (1994).
274. *Nyctelius n. nyctelius* (Latreille [1824]). Alayo & Hernández (1987), Smith *et al.* (1994).
275. *Oarisma bruneri* Bell 1959 E. Alayo & Hernández (1987), Smith *et al.* (1994).
276. *Oarisma nanus* (Herrich-Schäffer 1865) E. Alayo & Hernández (1987), Smith *et al.* (1994).
277. *Panoquina corrupta* (Herrich-Schäffer 1865) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
280. *Panoquina l. lucas* (Fabricius 1793)  
*s. sylvicola* (Herrich-Schäffer 1865). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
281. *Panoquina o. ocola* (Edwards 1863). Alayo & Hernández (1987), Smith *et al.* (1994).
282. *Panoquina p. panoquinoides* (Skinner 1891). Alayo & Hernández (1987), Smith *et al.* (1994).
283. *Parachoranthus magdalia* (Herrich-Schäffer 1863). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* 3(1994).
284. *Perichares p. philetetes* (Gmelin 1790). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
285. *Polites b. baracoa* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
286. *Pyrrhocalles antiqua orientis* Skinner 1920 E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
287. *Rhinthon cubana* (Herrich-Schäffer 1865). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
288. *Saliana esperi soroa* Smith & Hernández 1992 E. Smith *et al.* (1994), Hernández *et al.* (1998).
289. *Synapte m. malitiosa* (Herrich-Schäffer 1865). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
290. *Wallengrenia otho misera* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
- Pyrginae
291. *Aguna asander haitiensis* (Mabille & Bouillet 1912). Alayo & Hernández (1987), Smith *et al.* (1994).
292. *Aguna claxon* Evans 1952. Alayo & Hernández (1987), Smith *et al.* (1994).
293. *Anastrus sempiternus dilloni* (Bell & Comstock 1948)<sup>11</sup>. TL: Cuba.
294. *Astraptus anaphus anausis* (Godman & Salvin 1896). Alayo & Hernández (1987), Smith *et al.* (1994).
295. *Astraptus cassander* (Fabricius 1793) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
296. *Astraptus h. habana* (Lucas 1857) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
297. *Astraptus talus* (Cramer 1799). Alayo & Hernández (1987), Smith *et al.* (1994).
298. *Astraptus x. xagua* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
299. *Autochton cellus* (Boisduval & Leconte 1833)<sup>12</sup> S.
300. *Burca b. braco* (Herrich-Schäffer 1865) E. Alayo & Hernández (1987), Smith *et al.* (1994).
301. *Burca c. concolor* (Herrich-Schäffer 1865) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
302. *Burca cubensis* (Skinner 1913)<sup>13</sup>, **sp. rev.**, E.
303. *Cabares p. potrillo* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
304. *Carystoides mexicana* Freeman 1969. Shuey & Anderson (2011).

305. *Chioides marmorosa* (Herrich-Schäffer 1865) E. Alayo & Hernández (1987), Smith *et al.* (1994), Roque-Albelo *et al.* (1995), Núñez (2004c).
306. *Chiomara mithrax* (Möschler 1878). Alayo & Hernández (1987), Smith *et al.* (1994).
307. *Eantis papinianus* (Poey 1832) E. Alayo & Hernández (1987), Smith *et al.* (1994), Warren (1996).
308. *Eantis munroei* (Bell 1956). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Warren (1996).
309. *Epargyreus z. zestos* (Geyer 1832). Roque-Albelo (1994), Núñez (2004d).
310. *Ephyriades arcas philemon* (Fabricius 1775). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
311. *Ephyriades b. brunnea* (Herrich-Schäffer 1865). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
312. *Ephyriades zephodes* (Hübner 1820). Alayo & Hernández (1987), Smith *et al.* (1994).
313. *Erynnis zarucco* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
314. *Gesta gesta* (Herrich-Schäffer 1863). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Austin & Warren (2002).
315. *Ouleus fridericus* (Geyer 1832) <sup>14</sup>S.
316. *Phocides pigmalion batabano* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Hernández *et al.* (1998).
317. *Polygonus l. leo* (Gmelin [1790]) <sup>15</sup>.  
*leo savigny* (Latreille [1824]). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
318. *Proteides maysi* (Lucas 1857) E. Alayo & Hernández (1987), Smith *et al.* (1994).
319. *Proteides mercurius sanantonio* (Lucas 1857) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
320. *Pyrgus crisis* (Herrich-Schäffer 1865). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Hernández *et al.* (1998).
321. *Pyrgus oileus* (Linnaeus 1767). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
322. *Urbanus dorantes santiago* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
323. *Urbanus proteus domingo* (Scudder 1872). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
- PIERIDAE
- Coliadinae
324. *Abaeis nicippe* (Cramer 1779). Alayo & Hernández (1987), Smith *et al.* (1994).
325. *Anteos clorinde* (Godart [1824]). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
326. *Anteos maerula* (Fabricius 1775). Alayo & Hernández (1987), Smith *et al.* (1994).
327. *Aphrissa neleis* (Boisduval 1836). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
328. *Aphrissa o. orbis* (Poey 1832) E. Alayo & Hernández (1987), Smith *et al.* (1994).
329. *Aphrissa statira cubana* d'Almeida 1939. TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
330. *Colias eurytheme* Boisduval 1852 <sup>16</sup> S.
331. *Eurema amelia* (Poey 1853) E. Alayo & Hernández (1987), Smith *et al.* (1994).
332. *Eurema boisduvaliana* (Felder & Felder 1865) <sup>17</sup>. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
333. *Eurema d. दौरा* (Godart 1819) S. Warren *et al.* (2011).  
333. 1. *dौरा palmira* (Poey 1852). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
334. *Eurema e. elathea* (Cramer 1777). Alayo & Hernández (1987), Smith *et al.* (1994).
335. *Eurema lucina* (Poey 1853) E. Alayo & Hernández (1987), Smith *et al.* (1994).
336. *Kricogonia cabrerai* Ramsden 1920 E. Alayo & Hernández (1987), Smith *et al.* (1994).
337. *Kricogonia lyside* (Godart 1819). Alayo & Hernández (1987), Smith *et al.* (1994).
338. *Nathalis iole* Boisduval 1836. Alayo & Hernández (1987), Smith *et al.* (1994).
339. *Phoebis agarithe antillia* Brown 1929. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
340. *Phoebis argante fornax* (Butler 1869) E. Alayo & Hernández (1987), Smith *et al.* (1994).
341. *Phoebis avellaneda* (Herrich-Schäffer 1864) E. Alayo & Hernández (1987), Smith *et al.* (1994).

342. *Phoebis p. philea* (Johansson 1763). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).  
342. 1. *philea huebneri* (Fruhstorfer 1907) E. Alayo & Hernández (1987), Smith *et al.* (1994).
343. *Phoebis s. sennae* (Linnaeus 1758). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
344. *Pyrisitia chamberlaini mariguanae* (Bates 1934). Hernández *et al.* (1998).
345. *Pyrisitia d. dina* (Poey 1832) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
346. *Pyrisitia larae* (Herrich-Schäffer 1862) TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
347. *Pyrisitia lisa euterpe* (Ménétriés 1832). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
348. *Pyrisitia messalina* (Fabricius 1787). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
349. *Pyrisitia nise nise* (Cramer, 1775). Alayo & Hernández (1987), Smith *et al.* (1994).
350. *Pyrisitia proterpia* (Fabricius 1775). Alayo & Hernández (1987), Smith *et al.* (1994).
351. *Pyrisitia venusta emanoma* (Dillon 1947)<sup>18</sup>.
352. *Zerene cesonia cesonia* (Stoll 1790). Alayo & Hernández (1987), Smith *et al.* (1994).  
352. 1. *cesonia cynops* (Butler 1873). Hernández *et al.* (1998).

## Dismorphiinae

353. *Dismorphia cubana* (Herrich-Schäffer 1862) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

## Pierinae

354. *Ascia monuste phileta* (Fabricius 1775). Alayo & Hernández (1987).  
354. 1. *monuste eubotea* (Godart 1819). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
355. *Ganyra menciae* (Ramsden 1915). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
356. *Glutophrissa drusilla poeyi* (Butler 1872). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
357. *Melete salacia cubana* Fruhstorfer 1908 E. Alayo & Hernández (1987), Smith *et al.* (1994).
358. *Pontia protodice* (Boisduval & Leconte 1833)<sup>19</sup> S.

RIODINIDAE<sup>20</sup>

359. *Dianesia c. carteri* (Holland 1902). Hernández *et al.* (1998).  
359. 1. *carteri ramsdeni* (Skinner 1912) E. Alayo & Hernández (1987), Smith *et al.* (1994), Hernández *et al.* (1998).

## LYCAENIDAE

## Theclinae

360. *Allosmaitia coelebs* (Herrich-Schäffer 1862) E. Warren *et al.* (2011).  
*c. coelebs* (Herrich-Schäffer 1862). Alayo & Hernández (1987), Smith *et al.* (1994).
361. *Chlorostrymon maesites* (Herrich-Schäffer 1865). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
362. *Chlorostrymon s. simaethis* (Drury 1770). Alayo & Hernández (1987), Smith *et al.* (1994).
363. *Electrostrymon angelia* (Hewitson 1874). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
364. *Eumaeus atala* (Poey 1832). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
365. *Ministrymon azia* (Hewitson 1873). Smith & Hernández (1992), Smith *et al.* (1994), Núñez (2004a), Robbins (2004).  
*hernandezii* Schwartz & Johnson 1992. TL: Cuba.
366. *Nesiostrymon c. celida* (Lucas 1857) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
367. *Strymon acis casasi* (Comstock & Huntington 1943) E. Alayo & Hernández (1987), Smith *et al.* (1994).
368. *Strymon bazochii gundlachianus* Bates 1934 E. Alayo & Hernández (1987), Smith *et al.* (1994).
369. *Strymon istapa cybira* (Hewitson 1874). Warren *et al.* (2011).  
*columella cybira* (Hewitson 1874), mis. Alayo & Hernández (1987), Smith *et al.* (1994).
370. *Strymon limenia* (Hewitson 1868). Alayo & Hernández (1987), Smith *et al.* (1994).
371. *Strymon martialis* (Herrich-Schäffer 1864). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
372. *Strymon toussainti* (Comstock & Hungtinton 1943). Warren *et al.* (2011).

## Polyommatainae

373. *Brephidium exilis isophtalma* (Herrich-Schäffer 1862). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).

374. *Cyclargus a. ammon* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
375. *Hemiargus hanno filenus* (Poey 1832). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
376. *Leptotes cassius theonus* (Lucas 1857). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
377. *Leptotes hedgesi* Schwartz & Johnson 1992 E. Smith *et al.* (1994), Lamas (2004).
378. *Pseudochrysops bornoi yateritas* Smith & Hernández 1992 E. Smith *et al.* (1994), Lamas (2004).
- NYMPHALIDAE
- Apaturinae
379. *Asterocampa i. idyia* (Geyer [1828]). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
380. *Doxocopa laure druryi* (Hübner 1823) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
- Biblidinae
381. *Dynamine egeae calais* Bates 1934 E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
382. *Dynamine postverta mexicana* d'Almeida 1952. Lamas (2004), Warren *et al.* (2011).  
*mylitta* (Cramer 1782). Alayo & Hernández (1987), Smith *et al.* (1994).
383. *Eunica heraclitus* (Poey 1847) E. Alayo & Hernández (1987), Smith *et al.* (1994).
384. *Eunica monima* (Cramer 1782). Alayo & Hernández (1987), Smith *et al.* (1994).
385. *Eunica tatila tatilista* Kaye 1926. Alayo & Hernández (1987), Smith *et al.* (1994).
386. *Hamadryas amphicloe diasia* (Fruhstorfer 1916). Smith *et al.* (1994).  
*februa diasia* (Fruhstorfer 1916). Alayo & Hernández (1987).
387. *Hamadryas amphinome mexicana* (Lucas 1853) S. Alayo & Hernández (1987), Smith *et al.* (1994).
388. *Hamadryas feronia feronia* (Linnaeus 1758)<sup>21</sup> S. Smith *et al.* (1994).  
*feronia insularis* Fruhstorfer 1916. Alayo & Hernández (1987).
389. *Lucinia s. sida* Hübner [1823] E. Alayo & Hernández (1987), Smith *et al.* (1994), Warren *et al.* (2011).  
*cadma sida* Hübner [1823]. Lamas (2004).
390. *Marpesia chiron* (Fabricius 1775). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
391. *Marpesia e. eleuchea* (Hübner 1818) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
- Charaxinae
392. *Anaea cubana* (Druce 1905). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
393. *Archaeoprepona demophoon crassina* (Fruhstorfer 1904) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
394. *Hypna clytemnestra iphigenia* (Herrich-Schäffer 1862) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
395. *Memphis verticordia echemus* (Doubleday [1849]) E. Lamas (2004).
396. *Siderone galanthis nemesis* (Illiger 1802). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
- Danainae
397. *Anetia briarea numidia* Hübner 1823 E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
398. *Anetia cubana* (Salvin 1869) E. Alayo & Hernández (1987), Smith *et al.* (1994).
399. *Anetia pantherata clarescens* (Hall 1925) E. Alayo & Hernández (1987), Smith *et al.* (1994).
400. *Danaus eresimus tethys* Forbes 1943. Alayo & Hernández (1987), Smith *et al.* (1994).
401. *Danaus gilippus berenice* (Cramer 1779). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
402. *Danaus plexippus plexippus* (Linnaeus 1758). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).  
402. 1. *plexippus megalippe* (Hübner 1826). Alayo & Hernández (1987), Smith *et al.* (1994).
403. *Greta cubana* (Herrich-Schäffer 1862) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
404. *Lycorea halia demeter* Felder & Felder 1865 E. Warren *et al.* (2011).  
*cleobaea demeter* Felder & Felder 1865. Alayo & Hernández (1987), Smith *et al.* (1994).
- Heliconiinae<sup>22</sup>.
405. *Agraulis vanillae insularis* Maynard 1869. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
406. *Dryas iulia nudeola* (Bates 1934) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).

407. *Eueides isabella cleobaea* Geyer 1832 E. Warren *et al.* (2011).  
*melpis cleobaea* Geyer 1832. Alayo & Hernández (1987), Smith *et al.* (1994).
408. *Heliconius charithonia ramsdeni* Comstock & Brown 1950. TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
- Libytheinae
409. *Libytheana carinenta bachmani* (Kirtland 1851) S. Warren *et al.* (2011).  
*bachmani* (Kirtland 1851). Alayo & Hernández (1987).
410. *Libytheana motya* (Hübner 1826) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
411. *Libytheana terena* Godart 1819<sup>23</sup> S.
- Limenitinae
412. *Adelpha iphicleola iphimedia* Fruhstorfer 1915 E. Willmott (2003), Warren *et al.* (2011).  
*iphicla iphimedia* Fruhstorfer 1915, mis. Alayo & Hernández (1987), Smith *et al.* (1994).
413. *Limenitis archippus floridensis* (Strecker 1878)<sup>24</sup> S.
- Nymphalinae<sup>25</sup>
414. *Anartia chrysopelea* Hübner 1825 E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
415. *Anartia jatrophae guantanamo* Munroe 1942. TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
416. *Anthanassa f. frisia* (Poey 1832). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
417. *Antillea pelops anacaona* (Herrich-Schäffer 1864) E. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
418. *Atlantea perezi* (Herrich-Schäffer 1862) E. Alayo & Hernández (1987), Smith *et al.* (1994).
419. *Colobura dirce wolcottii* (Comstock 1942). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
420. *Euptoieta claudia* (Cramer 1779). Torre (1943), Alayo & Hernández (1987), Smith *et al.* (1994).
421. *Euptoieta h. hegesia* (Cramer 1779). Alayo & Hernández (1987), Smith *et al.* (1994).
422. *Historis acheronta semele* (Bates 1939). TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
423. *Historis o. odius* (Fabricius 1775). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
424. *Hypanartia paullus* (Fabricius 1793). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
425. *Hypolimnas misippus* (Linnaeus 1764)<sup>26</sup> S.
426. *Junonia c. coenia* Hübner 1822. Alayo & Hernández (1987), Smith *et al.* (1994).
427. *Junonia evarete zonalis* Felder y Felder 1867. TL: Cuba. Alayo & Hernández (1987), Smith *et al.* (1994).
428. *Junonia g. genoveva* (Stoll 1782). Alayo & Hernández (1987), Smith *et al.* (1994).
429. *Phyciodes p. phaon* (Edwards 1864). Alayo & Hernández (1987), Smith *et al.* (1994).
430. *Polygonia interrogationis* (Fabricius 1798)<sup>27</sup> S.
431. *Siproeta stelenes biplagiata* (Fruhstorfer 1907). Alayo & Hernández (1987), Smith *et al.* (1994), Núñez (2004a).
432. *Vanessa atalanta rubria* (Fruhstorfer 1909). Alayo & Hernández (1987), Smith *et al.* (1994).
433. *Vanessa cardui* (Linnaeus 1758). Alayo & Hernández (1987), Smith *et al.* (1994).
434. *Vanessa virginiensis* (Drury 1773). Alayo & Hernández (1987), Smith *et al.* (1994).
- Satyrinae<sup>28</sup>
435. *Calisto bradleyi* Munroe 1950 E. Núñez *et al.* (2012).  
*smintheus bradleyi* Munroe 1950. Torre (1952, 1954, 1968).  
*sibylla bradleyi* Munroe 1950. Brown & Heineman (1972), Fontenla & Rodríguez (1990), Smith *et al.* (1994), Lamas (2004).
436. *Calisto brochei* Torre 1973 E. Núñez *et al.* (2012).  
*sibylla brochei* Torre 1973. Smith *et al.* (1994).  
*sibylla smintheus* Bates 1935. Fontenla & Rodríguez (1990), Lamas (2004).
437. *Calisto bruneri* Michener 1949 E. Torre (1952, 1954, 1968), Núñez (2009), Núñez *et al.* (2012).  
*herophile bruneri* Bates 1935. Alayo & Hernández (1987), Smith *et al.* (1994), Lamas (2004).
438. *Calisto h. herophile* Hübner 1823 E. Alayo & Hernández (1987), Smith *et al.* (1994), Lamas (2004).  
438. 1. *herophile parsonsi* Clench 1943 E. Alayo & Hernández (1987), Smith *et al.* (1994), Lamas (2004).



439. *Calisto israeli* Torre 1973 E. Alayo & Hernández (1987), Núñez (2009), Núñez *et al.* (2012).  
*israel* Torre 1973. Smith *et al.* (1994), missp.  
*sibylla smintheus* Bates 1935. Lamas (2004).
440. *Calisto muripetens* Bates 1939 E. Núñez *et al.* (2012).  
*smintheus muripetens* Bates 1939. Michener (1943), Munroe (1950), Torre (1952, 1954, 1968).  
*sibylla muripetens* Bates 1939. Fontenla & Rodríguez (1990), Smith *et al.* (1994), Lamas (2004).
441. *Calisto occulta* Núñez 2012 E. Núñez *et al.* (2012).
442. *Calisto smintheus* Bates 1935 E. Núñez *et al.* (2012).  
*delos* Bates 1935. Michener (1943), Schwartz & Hedges (1991).  
*smintheus smintheus* Bates 1935. Bates (1939), Michener (1943), Munroe (1950), Torre (1952, 1954, 1968), Núñez (2009).  
*smintheus delos* Bates 1935. Torre (1968).  
*biocellatus* Torre 1968.  
*sibylla smintheus* Bates 1935. Brown & Heineman (1972), Fontenla & Rodríguez (1990), Smith *et al.* (1994), Lamas (2004).  
*sibylla delos* Bates 1935. Brown & Heineman (1972), Smith *et al.* (1994), Lamas (2004).

## PYRALOIDEA

## PYRALIDAE

## Chrysauginae

443. *Bonchis munitalis* (Lederer 1863). Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
444. *Caphys biliniata* (Stoll 1781). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
445. *Carcha hersilialis* Walker 1859. Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
446. *Epitamyrta albomaculalis* (Möschler 1890). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
447. *Lepidomys irrenosa* Guenée 1852<sup>29</sup>, **new record** (IES).
448. *Murgisca subductellus* (Möschler 1890). Alayo & Valdés (1982), Núñez (2004a).
449. *Pachypalpia dispilalis* Hampson 1895. Torre (1967), Alayo & Valdés (1982).
450. *Penthesilea difficilis* (Felder & Rogenhofer 1875)  
*leucogramma* (Hampson 1904). Torre (1967), Alayo & Valdés (1982).
451. *Salobrena recurvata* (Möschler 1886).  
*rubiginea* (Hampson 1897). Torre (1967), Alayo & Valdés (1982).
452. *Salobrena vacuana* (Walker 1863). Zayas (1956), Torre (1967), Alayo & Valdés (1982).  
*birectalis* (Hampson 1897). Torre (1967), Alayo & Valdés (1982).
453. *Streptopalpia minusculalis* (Möschler 1890). Torre (1967), Alayo & Valdés (1982).
454. *Tosale oviplagalalis* (Walker [1866]). Alayo & Valdés (1982).

## Galleriinae

455. *Achroia grisella* (Fabricius 1794), **new record** (IES).
456. *Corcyra cephalonica* (Stainton 1866). Alayo & Valdés (1982), Zayas (1989).
457. *Galleria mellonella* (Linnaeus 1758). Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
458. *Omphalocera cariosa* Lederer 1863. Gundlach (1881).

## Epipaschiinae

459. *Carthara abrupta* (Zeller 1881). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
460. *Dasyvesica cyrilla* (Schaus 1922) E.
461. *Deuterollyta majuscula* (Herrich-Schäffer 1871). TL: Cuba. Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
462. *Deuterollyta maroa* (Schaus 1922) E.
463. *Deuterollyta ragonoti* (Möschler 1890). Schaus (1940), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
464. *Homura nocturnalis* (Lederer 1863). Zayas (1956).
465. *Macalla phaeobasalis* Hampson 1916. TL: Cuba. Bruner *et al.* (1975), Zayas (1956), Torre (1967), Alayo & Valdés (1982).

466. *Macalla thyrissalis* Walker [1859]. Torre (1967), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
467. *Phidotricha erigens* Ragonot 1888  
*atramentalis* (Lederer 1863), mis. Torre (1967), Alayo & Valdés (1982), Zayas (1989).
468. *Phidotricha vedastella* (Schaus 1922) E. Torre (1967), Alayo & Valdés (1982), Zayas (1989).
469. *Pococera iogalis* Schaus 1922 E. Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
470. *Pococera jovita* Schaus 1922 E. Torre (1967), Alayo & Valdés (1982), Zayas (1989).
471. *Tallula atramentalis* (Lederer 1863). Torre (1967), Alayo & Valdés (1982), Zayas (1989).
- Phycitinae
472. *Amegarthria cervicalis* (Dyar 1919) E. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
473. *Amyelois transitella* (Walker 1863). Heinrich (1956).
474. *Anabasis ochrodesma* (Zeller 1881). Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
475. *Anadelosemia texanella* (Hulst 1892). Heinrich (1956), Alayo & Valdés (1982), Zayas (1989).
476. *Ancylostomia stercorea* (Zeller 1848). Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
477. *Anegecephalesis arctella* (Ragonot 1887). Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
478. *Anypsiopyla univitella* Dyar 1914. Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
479. *Atheloca subrufella* (Hulst 1887). Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).  
*ptychis* (Dyar 1919). TL: Cuba.
480. *Baphala homoeosomella* (Zeller 1881). Heinrich (1956), Alayo & Valdés (1982), Zayas (1989).
481. *Bema neuricella* (Zeller 1848). Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Alayo & Valdés (1982).
482. *Bema yddiopsis* (Dyar 1919) E. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
483. *Cactoblastis cactorum* (Berg 1885) I. Hernández & Emmel (1993).
484. *Cadra cautella* (Walker 1863). Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
485. *Chorrera extrincica* (Dyar 1919). TL: Cuba. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
486. *Crocidomera turbidella* Zeller 1848. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
487. *Davara caricae* (Dyar 1913). Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
488. *Dioryctria clarioralis* (Walker 1863). Alayo & Valdés (1982), Zayas (1989).
489. *Dioryctria horneana* (Dyar 1919) E. Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
490. *Ectomyelois ceratoniae* (Zeller 1839). Zayas (1989).
491. *Ectomyelois decolor* (Zeller 1881). Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
492. *Ectomyelois muriscis* (Dyar 1914). Alayo & Valdés (1976), (1982), Núñez (2004a).
493. *Elasmopalpus lignosellus* (Zeller 1848). Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).  
*puer* Dyar 1919. TL: Cuba.
494. *Ephestia elutella* (Hübner 1796). Alayo & Valdés (1982), Zayas (1989).
495. *Ephestia kuehniella* Zeller 1879.  
*kühniella* Zeller 1879, missp. Alayo & Valdés (1982).
496. *Erelieva quantulella* (Hulst 1887). Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).  
*santiagella* (Dyar 1919). TL: Cuba.
497. *Etiella zinckenella* (Treitschke 1832). Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).

498. *Eurythmasis ignifatu*a Dyar 1914. Heinrich (1956), Alayo & Valdés (1982), Zayas (1989).
499. *Fundella argentina* Dyar 1919. Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
500. *Fundella ignobilis* Heinrich 1956. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
501. *Fundella pellucens* Zeller 1848. Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
502. *Homoeosoma electellum* (Hulst 1887). Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
503. *Hypsipyra grandella* (Zeller 1848). Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
504. *Laetilia coccidivora cardini* Dyar 1918. TL: Cuba. Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
505. *Laetilia obscura* Dyar 1918 E. Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
506. *Mescinia bacerella* Dyar 1919 E. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
507. *Moodna ostrinella* (Clemens 1860), **new record** (IES).
508. *Oncolabis anticella* Zeller 1848. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989). *nigritella* (Hampson 1901). TL: Cuba. Zayas (1956).
509. *Oryctometopia fossulatella* Ragonot 1888, **new record** (IES).
510. *Ozamia lucidalis* (Walker 1863). Heinrich (1956), Alayo & Valdés (1982), Zayas (1989).
511. *Phycitodes olivacella* (Ragonot 1888).  
*mucidella olivaceella* (Ragonot 1888). Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).  
*cubella* (Dyar 1919). TL: Cuba.
512. *Piesmopoda xanthopolys* Dyar 1914, **new record** (IES).
513. *Plodia interpunctella* (Hübner [1810–13]). Bruner *et al.* (1975), Zayas (1956, 1989), Alayo & Valdés (1982), Núñez (2004a).
514. *Ribua innoxia* Heinrich 1940 E. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
515. *Ribua patriciella* (Dyar 1918) E. Bruner *et al.* (1975), Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
516. *Sarasota furculella* (Dyar 1919). TL: Cuba. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
517. *Scorylus cubensis* Heinrich 1956. TL: Cuba. Torre (1967), Alayo & Valdés (1982), Zayas (1989).
518. *Strephomescinia schausella* Dyar 1919 E. Heinrich (1956), Alayo & Valdés (1982), Zayas (1989).
519. *Stylopalpia lunigerella* Hampson 1901. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
520. *Ufa rubedinella* (Zeller 1848). Heinrich (1956), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
521. *Ulophora guarinella* (Zeller 1881). Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).  
*dialithus* (Dyar 1919). TL: Cuba.
522. *Unadilla maturella* (Zeller 1881). Heinrich (1956), Alayo & Valdés (1982), Zayas (1989).
523. *Zamagiria fraterna* Heinrich 1956 E. Torre (1967), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
524. *Zamagiria hospitabilis* Dyar 1919 E. Heinrich (1956), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
525. *Zamagiria laidion* (Zeller 1881). Zayas (1989).
526. *Zonula fulgidula* (Heinrich 1956) E. Torre (1967), Alayo & Valdés (1982), Zayas (1989).
- Pyralinae**
527. *Ocrasa tripartitalis* Herrich–Schäffer 1871. Gundlach (1881).
528. *Ocrasa nostralis* (Guenée 1854)  
*dissimilalis* (Möschler 1890). Zayas (1956, 1989), Alayo & Valdés (1982), Núñez (2004a).  
*psammioxantha* Dyar 1917. Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
529. *Pyralis manihotalis* Guenée 1854. Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
- CRAMBIDAE**
- Crambinae**
530. *Argyria diplomochalis* Dyar 1913. Schaus (1940), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).

531. *Argyria lacteella* (Fabricius 1794). Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
532. *Argyria venatella* (Schaus 1922). TL: Cuba.
533. *Catharylla contiguella* Zeller 1872. Torre (1967), Alayo & Valdés (1982), Zayas (1989).
534. *Crambus moeschleralis* Schaus 1940. TL: Cuba. Schaus (1940), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
535. *Diatraea lineolata* (Walker 1856). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
536. *Diatraea saccharalis* (Fabricius 1794). Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
537. *Epina dichromella* Walker 1866. Alayo & Valdés (1982), Zayas (1989).  
*matanzalis* (Schaus 1922). TL: Cuba.
538. *Erupa argentescens* Hampson 1896. Torre (1967), Alayo & Valdés (1982), Zayas (1989).
539. *Fissicrambus haytiellus* (Zincken 1821). Bruner *et al.* (1975), Zayas (1956, 1989), Alayo & Valdés (1982), Núñez (2004a).
540. *Fissicrambus minuellus* (Walker 1863). Alayo & Valdés (1982), Zayas (1989).  
*habanellus* (Schaus 1922). TL: Cuba.  
*santiagellus* (Schaus 1922). TL: Cuba. Schaus (1940), Torre (1967).
541. *Fissicrambus profanellus* (Walker 1866). Torre (1967), Alayo & Valdés (1982), Zayas (1989).
542. *Microcausta flavipunctalis* Barnes & McDunnough 1913, **new record** (IES).
543. *Microcrambus atristrigellus* (Hampson 1919). Núñez (2004a).
544. *Microcrambus biguttellus* (Forbes 1920), **new record** (IES).
545. *Microcrambus discludellus* (Möschler 1890). Schaus (1940), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
546. *Microcrambus subretusellus* Bleszynski 1967 E. Alayo & Valdés (1982), Zayas (1989).
547. *Parapediasia detomatella* (Möschler 1890). Alayo & Valdés (1982), Zayas (1989).
548. *Parapediasia ligonella* (Zeller 1881). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
549. *Prionapteryx achatina* (Zeller 1863), **new record** (IES).
550. *Prionapteryx elongata* (Zeller 1877). Torre (1967), Alayo & Valdés (1982), Zayas (1989).
551. *Thaumatopsis floridella* Barnes & McDunnough 1913. Núñez (2003).
552. *Urola nivalis* (Drury 1773). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
- Schoenobiinae
553. *Carectocultus perstrialis* (Hübner [1825]). Zayas (1956, 1989), Torre (1967).
554. *Donacaula montivagella* (Zeller 1863). Torre (1967), Alayo & Valdés (1982), Zayas (1989).
555. *Leptosteges xantholeucalis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982), Zayas (1989).
556. *Rupela leucatea* (Zeller 1863). Heinrich (1937).
557. *Rupela tinctella* (Walker 1863). Heinrich (1937), Torre (1967), Alayo & Valdés (1982), Zayas (1989).
558. *Schoenobius molybdoplectus* (Dyar 1914). Torre (1967), Alayo & Valdés (1982).
- Glaphyriinae
559. *Aethiophysa savoralis* (Schaus 1920). TL: Cuba. Schaus (1940), Torre (1967), Alayo & Valdés (1982).
560. *Chalcoela pegasalis* (Walker [1866]). Torre (1967), Alayo & Valdés (1982), Zayas (1989).
561. *Contortipalpia santiagalis* (Schaus 1920) E
562. *Dicymolomia julianalis* (Walker 1859), **new record** (IES).
563. *Dicymolomia metalophota* (Hampson 1897). Schaus (1940), Zayas (1956), Alayo & Valdés (1982), Solis & Adamski (1998), Núñez (2004a).
564. *Glaphyria badierana* (Fabricius 1794). Schaus (1940), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
565. *Glaphyria cedroalis* (Schaus 1924) E. Torre (1967), Alayo & Valdés (1982).
566. *Glaphyria decisa* (Walker [1866]). Solis & Adamski (1998).
567. *Glaphyria cappsi* Munroe 1972, **new record** (IES).
568. *Glaphyria matanzalis* (Schaus 1920) E. Torre (1967), Alayo & Valdés (1982).
569. *Glaphyria tanamoalis* (Schaus 1920) E.

570. *Hellula phidilealis* (Walker 1859). Bruner *et al.* (1975), Torre (1967), Alayo & Valdés (1982), Zayas (1989), Solis & Adamski (1998).
571. *Hellula simplicialis* Herrich-Schäffer 1871 E.
572. *Lipocosma chiralis* Schaus 1920 E. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
- Dichogaminae
573. *Alatuncusia bergii* (Möschler 1890). Schaus (1940), Zayas (1956), Alayo & Valdés (1982).
574. *Dichogama amabilis* Möschler 1890. Núñez (2003).
575. *Dichogama decoralis* (Walker 1865). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
576. *Dichogama redtenbacheri* Lederer 1863. Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
- Musotiminae
577. *Neurophyseta avertinalis* (Schaus 1924) E
578. *Neurophyseta normalis* Hampson 1912, **new record** (IES).
579. *Odilla noralis* Schaus 1940, **new record** (IES).
580. *Undulambia albitessellalis* (Hampson 1906), **new record** (IES).
581. *Undulambia leucosticalis* (Hampson 1895), **new record** (IES).
582. *Undulambia polystichalis* Capps 1965.  
cf. *polystichalis* Capps 1965. Núñez (2004a).
- Acentropinae
583. *Chrysendeton anicitalis* (Schaus 1924) E. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
584. *Chrysendeton claudialis* Walker 1859. Torre (1967).
585. *Chrysendeton medicinalis* Grote 1881. Alayo & Valdés (1982).
586. *Chrysendeton minimalis* (Herrich-Schäffer 1871). TL: Cuba. Torre (1967), Alayo & Valdés (1982).
587. *Munroessa maralis* (Schaus 1920) E. Alayo & Valdés (1982).
588. *Neargyractis plusialis* (Herrich-Schäffer 1871). TL: Cuba. Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
589. *Neargyractis slossonialis* (Dyar 1906), **new record** (IES).
590. *Parapoynx allionealis* Walker 1859. Torre (1967), Alayo & Valdés (1982).
591. *Parapoynx diminutalis* Snellen 1880, **new record** (IES).
592. *Parapoynx fluctuosalis* (Zeller 1852). Torre (1967), Alayo & Valdés (1982).
593. *Parapoynx rugosalis* Möschler 1890. Torre (1967), Alayo & Valdés (1982).
594. *Parapoynx seminealis* (Walker 1859), **new record** (IES).
595. *Petrophila albulalis* (Hampson 1906). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
596. *Petrophila opulentalis* (Lederer 1863). Zayas (1956), Alayo & Valdés (1982).
597. *Synclita oblitalis* (Walker 1859). Torre (1967), Alayo & Valdés (1982).
598. *Utingeriessa psalmoidalis* (Schaus 1924) E. Torre (1967), Alayo & Valdés (1982).
- Odontiinae
599. *Cliniodes nacrealis* Munroe 1964. Alayo & Valdés (1974, 1982).
600. *Cliniodes nomadalis* Dyar 1912. Torre (1967), Alayo & Valdés (1982).
601. *Cliniodes opalalis* Guenée 1854. Zayas (1956), Alayo & Valdés (1982).
602. *Microtheoris ophionalis* (Walker 1859). Schaus (1940), Torre (1967), Alayo & Valdés (1982).
603. *Mimoschinia rufofascialis* (Stephens 1834). Alayo & Valdés (1982).
- Evergestinae
604. *Evergestella evincalis* (Möschler 1890). Schaus (1940), Bruner *et al.* (1975), Torre (1967), Alayo & Valdés (1982).
605. *Symphisa amoenalis* (Walker 1862). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
606. *Trischistognatha pyrenalis* (Walker 1859)  
*palindialis* (Guenée 1854), mis. Gundlach (1881), Schaus (1940), Bruner *et al.* (1975), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
- Pyraustinae
607. *Achyra bifidalis* (Fabricius 1794). Alayo & Valdés (1982).

608. *Achyra rantalis* (Guenée 1854). Capps (1967), Alayo & Valdés (1982).
609. *Achyra similalis* (Guenée 1854). Zayas (1956), Torre (1967).
610. *Agathodes designalis* Guenée 1854. Gundlach (1881), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004b, 2007a).
611. *Anania nerissalis* (Walker 1859)  
*nocmonalis* (Walker 1859). Torre (1967), Alayo & Valdés (1982).
612. *Apogeshna stenialis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
613. *Aponia insularis* Munroe 1964 E. Alayo & Valdés (1982).
614. *Arthromastix lauralis* (Walker 1859). Zayas (1956), Torre (1967), Alayo & Valdés (1982), Bendicho– López (1998), Núñez (2004b, 2007a).
615. *Asciodes gordialis* Guenée 1854. Gundlach (1881), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
616. *Asturodes fimbriauralis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
617. *Ategumia ebulealis* (Guenée 1854). Bendicho– López (1998), Núñez (2004a).
618. *Ategumia matutinalis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982).
619. *Atomopteryx pterophoralis* (Walker 1866). Torre (1967), Alayo & Valdés (1982).
620. *Atomopteryx serpentifera* (Hampson 1913). Torre (1967), Alayo & Valdés (1982).
621. *Azochis rufidiscalis* Hampson 1904. Zayas (1989).  
*cubanalisis* Hampson 1913. TL: Cuba. Bruner *et al.* (1975), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
622. *Bicilia iarchasalis* (Walker 1859). Torre (1967), Alayo & Valdés (1982), Bendicho– López (1998), Núñez (2004a).
623. *Bicilia olivia* Butler 1875. Torre (1967), Alayo & Valdés (1982).
624. *Blepharomastix achroalis* (Hampson 1913). Torre (1967), Alayo & Valdés (1982).
625. *Blepharomastix schistisemalis* (Hampson 1912). Torre (1967), Alayo & Valdés (1982).
626. *Bocchoropsis pharaxalis* (Druce 1895). Zayas (1956, 1989), Alayo & Valdés (1982).
627. *Bocchoropsis plenilinealis* (Dyar 1917). Torre (1967), Alayo & Valdés (1982).
628. *Ceratocilia liberalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
629. *Ceratoclasia delimitalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
630. *Chilochromopsis sceletogramma* (Dyar 1925). Zayas (1956), Alayo & Valdés (1974, 1982).
631. *Coenostolopsis apicalis* (Lederer 1863). Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
632. *Conchylodes diphteralis* (Geyer 1832). Gundlach (1881), Schaus (1940), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
633. *Conchylodes hedonialis* (Walker 1859). Bruner *et al.* (1975), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
634. *Condylorrhiza oculatalis* (Möschler 1890). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
635. *Condylorrhiza vestigialis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982).
636. *Crocidocnemis pellucidalis* (Möschler 1890). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
637. *Cryptobotys zoilusalis* (Walker 1859). Zayas (1956), Torre (1967), Alayo & Valdés (1982) Bendicho– López (1998).  
*micromphalis* (Hampson 1912). Alayo & Valdés (1982).
638. *Cyclocena lelex* (Cramer 1777). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
639. *Desmia cerasalis* (Walker 1859). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).  
*imparalis* (Herrich-Schäffer 1871). TL: Cuba. Gundlach (1881), Zayas (1956).
640. *Desmia deploralis* Hampson 1912, **new record** (IES).
641. *Desmia funebris* Guenée 1854. Torre (1967), Alayo & Valdés (1982).
642. *Desmia naclialis* Snellen 1875. Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
643. *Desmia ploralis* (Guenée 1854), **new record** (IES).

644. *Desmia quadrinotalis* (Herrich–Schäffer 1871) E. Gundlach (1881).
645. *Desmia recurvalis* Schaus 1940. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
646. *Desmia repandalis* Schaus 1920. Torre (1967), Alayo & Valdés (1982).
647. *Desmia tages* (Cramer 1777). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).  
*sertorialis* Herrich–Schäffer 1871. TL: Cuba. Gundlach (1881).
648. *Desmia ufeus* (Cramer 1777). Torre (1967), Alayo & Valdés (1982), Zayas (1989), Núñez (2007a).
649. *Deuterophysa baracoalis* Schaus 1924. TL: Cuba. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
650. *Deuterophysa fernaldi* Munroe 1983, **new record** (IES).
651. *Deuterophysa subrosea* (Warren 1892). Torre (1967), Alayo & Valdés (1982).
652. *Diacme mopsalis* (Walker 1859). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).  
*togalis* (Lederer 1863). TL: Cuba. Zayas (1956), Alayo & Valdés (1982).
653. *Diacme phyllisalis* (Walker 1859), **new record** (IES).
654. *Diaphania albifascialis* (Hampson 1912). TL: Cuba. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
655. *Diaphania antillia* Munroe 1960. Alayo & Valdés (1974, 1982), Núñez (2004a).
656. *Diaphania costata* (Fabricius 1794). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
657. *Diaphania elegans* (Möschler 1890). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
658. *Diaphania hyalinata* (Linnaeus 1767). Gundlach (1881), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
659. *Diaphania immaculalis* (Guenée 1854). Gundlach (1881), Zayas (1956), Alayo & Valdés (1982).
660. *Diaphania infimalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
661. *Diaphania lualis* (Herrich-Schäffer 1871). TL: Cuba. Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
662. *Diaphania lucidalis* (Hübner 1823). Gundlach (1881), Bruner *et al.* (1975), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
663. *Diaphania nitidalis* (Cramer 1781). Gundlach (1881), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
664. *Diaphania oeditornalis* (Hampson 1912), **new record** (IES)
665. *Diaphantania ceresalis* (Walker 1859). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).  
*imparalis* (Herrich-Schäffer 1871). TL: Cuba. Gundlach (1881), Zayas (1956).
666. *Diaphantania impulsalis* (Herrich-Schäffer 1871). TL: Cuba. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
667. *Diasemiopsis leodocusalis* (Walker 1859)  
*ramburialis* (Duponchel 1831), mis. Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
668. *Diastictis holguinalis* Munroe 1956. TL: Cuba. Alayo & Valdés (1982).
669. *Diathrausta cubanalis* Dyar 1913 E. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
670. *Epicorsia oedipodalis* (Guenée 1854). Alayo & Valdés (1974, 1982), Núñez (2004a).
671. *Epipagis fenestralis* (Hübner 1796)  
*huronalis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982), Núñez (2007a).
672. *Ercta vittata* (Fabricius 1794). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
673. *Erilusa leucoplalgalis* (Hampson 1898). Zayas (1956).
674. *Eulepte concordalis* Hübner [1825]. Gundlach (1881), Bruner *et al.* (1975), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
675. *Eulepte gastralis* (Guenée 1854). Gundlach (1881), Zayas (1956).
676. *Eulepte inguinalis* (Guenée 1854). Alayo & Valdés (1982).
677. *Geshna cannalis* (Quaintance 1898). Bruner *et al.* (1975), Zayas (1956, 1989), Alayo & Valdés (1982).
679. *Glyphodes rubrocinctalis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982), Núñez (2004a).  
*geminatalis* Herrich-Schäffer 1871. TL: Cuba. Gundlach (1881).
679. *Glyphodes sibillalis* Walker 1859. Gundlach (1881), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).  
*impuralis* (Herrich-Schäffer 1871). TL: Cuba. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
680. *Hahncappsia ramsdenalis* (Schaus 1920). TL: Cuba. Capps (1967), Alayo & Valdés (1982).
681. *Herpetogramma antillalis* (Schaus 1920). Torre (1967), Alayo & Valdés (1982).

682. *Herpetogramma bipunctalis* (Fabricius 1794). Bruner *et al.* (1975), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
683. *Herpetogramma cora* (Dyar 1914). Torre (1967), Alayo & Valdés (1982).
684. *Herpetogramma infuscalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
685. *Herpetogramma innotalis* (Hampson 1899). Torre (1967), Alayo & Valdés (1982).
686. *Herpetogramma phaeopteralis* (Guenée 1854). Bruner *et al.* (1975), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
687. *Herpetogramma semilaniata* (Hampson 1895). Torre (1967), Alayo & Valdés (1982).
688. *Hileithia differentialis* (Dyar 1914). Torre (1967), Alayo & Valdés (1982).
689. *Hileithia ductalis* Möschler 1890. Bendicho–López (1998).
690. *Hileithia magualis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982).
691. *Hoterodes ausonia* (Cramer 1777). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
692. *Hyalorista limasalis* (Walker [1866]). Bendicho–López (1998).
693. *Hyalorista taeniolalis* (Guenée 1854). Bruner *et al.* (1975), Zayas (1956), Alayo & Valdés (1982).
694. *Hydriris ornatalis* (Duponchel 1832). Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
695. *Hymenia perspectalis* (Hübner 1796). Gundlach (1881), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Bendicho–López (1998), Núñez (2004a).
696. *Lamprosema santialis* Schaus 1920 E. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
697. *Leucochroma corope* (Cramer 1781). Torre (1967), Alayo & Valdés (1982).
698. *Leucochroma jamaicensis* Hampson 1912. Torre (1967), Alayo & Valdés (1982).
699. *Lineodes contortalis* Guenée 1854. Bruner *et al.* (1975), Zayas (1956), Alayo & Valdés (1982).
700. *Lineodes gracilalis* Herrich-Schäffer 1871. TL: Cuba. Gundlach (1881), Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
701. *Lineodes integra* (Zeller 1873). Bruner *et al.* (1975), Zayas (1956), Alayo & Valdés (1982).
702. *Lineodes multisignalis* Herrich-Schäffer 1868. TL: Cuba. Gundlach (1881), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
703. *Lineodes triangulalis* Möschler 1890. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
704. *Loxomorpha cambogialis* (Guenée 1854). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
705. *Lygropia fusalis* Hampson 1904. Torre (1967), Alayo & Valdés (1982).
706. *Lygropia imparalis* (Walker [1866])  
*flavofuscalis* (Snellen 1887), mis. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
707. *Lygropia tripunctata* (Fabricius 1794). Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Bendicho–López (1998), Núñez (2004a).  
*cubanalisis* (Guenée 1854). TL: Cuba.
708. *Lypotigris reginalis* (Cramer 1781). Gundlach (1881), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
709. *Marasmia cochrusalis* (Walker 1859). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
710. *Marasmia trapezalis* (Guenée 1854). Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
711. *Maruca vitrata* (Fabricius 1787)  
*testulalis* (Geyer 1832). Gundlach (1881), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
712. *Microphyesetia hermeasalis* (Walker 1859). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
713. *Microthyris anormalis* (Guenée 1854). Bendicho–López (1998), Núñez (2004a).
714. *Microthyris prolongalis* (Guenée 1854). Gundlach (1881), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
715. *Mimophobetron pyropsalis* (Hampson 1904)  
*rhodope* (Hampson 1913). TL: Cuba. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
716. *Mimorista botydalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982).



717. *Mimorista tristigmalis* (Hampson 1899).  
*extremalis* Schaus 1920 TL: Cuba.
718. *Neohelviobotys neohelvalis* (Capps 1967). Alayo & Valdés (1982).
719. *Neoleucinodes elegantalis* (Guenée 1854). Capps (1948), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
720. *Neoleucinodes torvis* Capps 1948. TL: Cuba. Alayo & Valdés (1982).
721. *Oenobotys glirialis* (Herrich-Schäffer 1871). TL: Cuba. Gundlach (1881), Bruner *et al.* (1975), Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
722. *Oenobotys vinotinctalis* (Hampson 1895). Torre (1967), Alayo & Valdés (1982).
723. *Omiodes cuniculalis* Guenée 1854. Alayo & Valdés (1982), Bendicho–López (1998).
724. *Omiodes indicata* (Fabricius 1775). Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
725. *Omiodes insolutalis* Möschler 1890. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
726. *Omiodes martyrallis* (Lederer 1863). Gundlach (1881), Schaus (1940), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
727. *Omiodes simialis* Guenée 1854. Torre (1967), Alayo & Valdés (1982).
728. *Omiodes stigmosalis* (Warren 1892), **new record** (IES)
729. *Ommatospila narcaeusalis* (Walker 1859). Zayas (1956), Torre (1967), Alayo & Valdés (1982).  
*nummulalis* Lederer 1863. Gundlach (1881).
730. *Ostrinia penitalis subrifusa* (Hampson 1913). Torre (1967), Alayo & Valdés (1982).
731. *Palpita flegia* (Cramer 1777). Gundlach (1881), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
732. *Palpita isoscelalis goubeyrensis* Munroe 1959. Alayo & Valdés (1974, 1982), Núñez (2004a).
733. *Palpita kimballi* Munroe 1959. Alayo & Valdés (1974, 1982), Núñez (2004a).
734. *Palpita persimilis* Munroe 1959. Alayo & Valdés (1974, 1982), Núñez (2004a).
735. *Palpita quadristigmalis* (Guenée 1854). Gundlach (1881), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
736. *Palpusia eurypalpalis* (Hampson 1912), **new record** (IES)
737. *Pantographa suffusalis* Druce 1895. Torre (1967), Alayo & Valdés (1982).
738. *Penestola bufalis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982).
739. *Penestola simplicialis* (Barnes & McDunnough 1913). Torre (1967), Alayo & Valdés (1982).
740. *Phaedropsis illepidalis* (Herrich-Schäffer 1871) E. Torre (1967), Alayo & Valdés (1982).
741. *Phaedropsis impeditalis* (Herrich-Schäffer 1871) E. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
742. *Phaedropsis placendalis* (Möschler 1890). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
743. *Phaedropsis principaloides* (Möschler 1890). Schaus (1940), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
744. *Phaedropsis stictigramma* (Hampson 1912). Torre (1967), Alayo & Valdés (1982).
745. *Phlyctaenia fovifera* (Hampson 1913). TL: Cuba. Torre (1967).
746. *Pilocrocis ramentalis* Lederer 1863. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
747. *Pleuroptya silicalis* (Guenée 1854). Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Bendicho–López (1998), Núñez (2004a).
748. *Polygrammodes elevata* (Fabricius 1794). Torre (1967), Alayo & Valdés (1982), Zayas (1989), Núñez (2004a).
749. *Polygrammodes ostrealis* (Guenée 1854). Torre (1967), Alayo & Valdés (1982).
750. *Polygrammodes ponderalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
751. *Portentomorpha xanthialis* (Guenée 1854). TL: Cuba. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
752. *Praeacrosipila melanoproctis* (Hampson 1899). Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).

753. *Preneſta quadrifenſtralis* (Herrich-Schäffer 1871). TL: Cuba. Gundlach (1881), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
754. *Psara dryalis* (Walker 1859). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
755. *Psara heſperialis* (Herrich-Schäffer 1871) E. Schaus (1940), Torre (1967), Alayo & Valdés (1982).
756. *Psara pargialis* (Schaus 1920) E. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
757. *Psara ſubaurantialis* (Herrich-Schäffer 1871) E. Gundlach (1881), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
758. *Pseudopyrauſta cubanalis* (Schaus 1920) E. Torre (1967).  
*acutangulalis* (Snellen 1875), mis. Schaus (1940), Zayas (1956), Alayo & Valdés (1982).
759. *Pyrauſta cardinalis* (Guenée 1854). Zayas (1956), Alayo & Valdés (1982), Núñez (2004a).
760. *Pyrauſta episcopalis* (Herrich-Schäffer 1871) E. Zayas (1956), Alayo & Valdés (1982).
761. *Pyrauſta germanalis* (Herrich-Schäffer 1871) E. Gundlach (1881), Zayas (1956), Torre (1967), Alayo & Valdés (1982).
762. *Pyrauſta gracilalis* (Herrich-Schäffer 1871) E. Torre (1967), Alayo & Valdés (1982).  
*phyllidalis* (Schaus 1940). TL: Cuba. Schaus (1940), Zayas (1956), Alayo & Valdés (1982).
763. *Pyrauſta inſignitalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
764. *Pyrauſta panopealis* (Walker 1859).  
*phoenicealis* (Hübner 1818), mis. Gundlach (1881), Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
765. *Pyrauſta phyllidalis* (Schaus 1940). TL: Cuba. Schaus (1940), Zayas (1956), Alayo & Valdés (1982).
766. *Pyrauſta ſignatalis* (Walker [1866]), **new record** (IES).
767. *Pyrauſta tyralis* (Guenée 1854). TL: Cuba. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
768. *Rhectocraspeda periuſalis* (Walker 1859). Bruner *et al.* (1975), Zayas (1956), (1989), Torre (1967), Alayo & Valdés (1982).
769. *Salbia caſſidalis* Guenée 1854. Bruner *et al.* (1975), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
770. *Salbia haemorrhoidalis* Guenée 1854. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Bendicho– López (1998).
771. *Samea carettalis* Schaus 1940. Alayo & Valdés (1982).
772. *Samea eccleſialis* Guenée 1854. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
773. *Samea multiplicalis* (Guenée 1854), **new record** (IES).
774. *Sathria internitalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982).  
*stercoralis* Lederer 1863. TL: Cuba. Gundlach (1881).
775. *Sisyracera inabſconſalis* (Möſchler 1890). Zayas (1956), Torre (1967), Alayo & Valdés (1982).
776. *Sisyracera ſubulalis* (Guenée 1854). Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2007a).
777. *Sparagmia gonoptera ſhoumatoffi* Munroe 1958  
*gigantalis ſhoumatoffi* Munroe 1958. Alayo & Valdés (1974, 1982), Núñez (2004a).
778. *Spilomela minoralis* Hampson 1912. Torre (1967), Alayo & Valdés (1982).
779. *Spilomela personalis* (Herrich-Schäffer 1871) E. Gundlach (1881).  
*receptalis* (Walker 1859), mis. Zayas (1956), Torre (1967), Alayo & Valdés (1982).
780. *Spilomela pervialis* (Herrich-Schäffer 1871) E. Gundlach (1881).
781. *Spoladea recurvalis* (Fabricius 1775). Alayo & Valdés (1982), Núñez (2004a).  
*fascialis* (Stoll 1782). Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967).
782. *Steniodes mendica* (Hedemann 1894)  
*declivalis idianalis* (Dyar 1915). Alayo & Valdés (1982).  
*ceddalis* (Schaus 1924). TL: Cuba. Torre (1967), Alayo & Valdés (1982).
783. *Sufetula diminutalis* (Walker [1866]). Torre (1967), Alayo & Valdés (1982).
784. *Sufetula grumalis* Schaus 1920 E. Torre (1967), Alayo & Valdés (1982).
785. *Syllepis marialis* Poey 1832. TL: Cuba. Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
786. *Syllepte amando* (Cramer 1777). Alayo & Valdés (1982).
787. *Syllepte belialis* (Walker 1859)  
*holoxantha* (Hampson 1912). TL: Cuba. Alayo & Valdés (1982).

788. *Syllepte viridivertex* Schaus 1920. Torre (1967), Alayo & Valdés (1982).
789. *Synclera jarbusalis* (Walker 1859).  
*tradiculis* (Zeller 1852), mis. Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982).
790. *Syngamia florella* (Cramer 1781). Gundlach (1881), Zayas (1956), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
791. *Tanaophysa adornatalis* Warren 1898. Alayo & Valdés (1982), Núñez (2004a).
792. *Terastia meticulosalis* Guenée 1854. Bruner *et al.* (1975), Zayas (1956, 1989), Torre (1967), Alayo & Valdés (1982), Núñez (2004a).
793. *Trichaea pilicornis* Herrich-Schäffer 1866 E. Gundlach (1881), Alayo & Valdés (1976, 1982), Núñez (2004a).  
*seticornis* Herrich-Schäffer 1866. Gundlach (1881), Alayo & Valdés (1976, 1982).
794. *Triuncidia eupalusalis* (Walker 1859). Bruner *et al.* (1975), Zayas (1956), Alayo & Valdés (1982), Núñez (2004a).
795. *Udea rubigalis* (Guenée 1854), **new record** (IES).
796. *Zenamorpha discophoralis* (Hampson 1899). Torre (1967), Alayo & Valdés (1982).
- MIMALLONOIDEA  
MIMALLONIDAE
797. *Cicinnus packardii* (Grote 1865). Herrich-Schäffer (1866), Gundlach (1881), Zayas (1989).
- DREPANOIDEA  
DOIDAE
798. *Doa cubana* Schaus 1906 E. Núñez (2004a).
- LASIOCAMPOIDEA  
LASIOCAMPIDAE  
Macromphaliinae
799. *Artace cribraria* (Ljungh 1825).  
*cribraria* (Ljungh 1825), missp. Zayas (1989), Núñez (2004a).
- BOMBYCOIDEA  
BOMBYCIDAE  
Bombycinae
800. *Bombyx mori* (Linnaeus 1758)<sup>30</sup> I.
- SATURNIIDAE  
Saturniinae
801. *Philosamia ricini* (Boisduval 1856)<sup>31</sup> I.
802. *Copaxa denda* Druce 1894<sup>32</sup> S.
- SPHINGIDAE  
Macroglossinae
803. *Aellopos blaini* Herrich-Schäffer [1869] E. Rothschild & Jordan (1903), Zayas & Alayo (1956).  
*aedon* (Boisduval 1875). TL: Cuba. Gundlach (1881).
804. *Aellopos c. clavipes* (Rothschild & Jordan 1903). Otero & López (1996).
805. *Aellopos fadus* (Cramer 1775). Rothschild & Jordan (1903), Zayas & Alayo (1956).
806. *Aellopos tantalus zonata* (Drury 1773). Rothschild & Jordan (1903), Zayas & Alayo (1956).
807. *Aellopos titan cubana* (Clark 1936) E.
808. *Callionima calliomenae* (Schaufuss 1870). Rothschild & Jordan (1903), Zayas & Alayo (1956).
809. *Callionima gracilis* (Jordan 1923) E. Zayas & Alayo (1956).
810. *Callionima parce* (Fabricius 1775). Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
811. *Callionima ramsdeni* (Clark 1920) E. Zayas & Alayo (1956).
812. *Cautethia g. grotei* Edwards 1882. Gundlach (1881), Zayas & Alayo (1956).
813. *Enyo boisduvali* (Oberthür 1904) E. Zayas & Alayo (1956).
814. *Enyo l. lugubris* (Linnaeus 1771). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
815. *Enyo ocypete* (Linnaeus 1758). Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).

816. *Erinnyis alope* (Drury 1773). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
817. *Erinnyis crameri* (Schaus 1898). Rothschild & Jordan (1903), Zayas & Alayo (1956).
818. *Erinnyis e. ello* (Linnaeus 1758). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
819. *Erinnyis guttularis* (Walker 1856). Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
820. *Erinnyis lassauxii* (Boisduval 1859)  
*merianae* Grote 1865. Gundlach (1881).  
*lassauxii merianae* Grote 1865. Rothschild & Jordan (1903), Zayas & Alayo (1956).
821. *Erinnyis o. obscura* (Fabricius 1775). Rothschild & Jordan (1903), Zayas & Alayo (1956).  
*stheni* (Lucas 1857). TL: Cuba. Gundlach (1881).
822. *Erinnyis oenotrus* (Cramer 1780). Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).  
*melancholica* Grote 1865. TL: Cuba.  
*obscura? melancholica* (Grote 1865). Gundlach (1881).
823. *Erinnyis pallida* Grote 1865 E. Gundlach (1881), Zayas & Alayo (1956).
824. *Eumorpha fasciatus* (Sulzer 1776). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
825. *Eumorpha l. labruscae* (Linnaeus 1758). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
826. *Eumorpha satellita posticatus* (Grote 1865). TL: Cuba. Rothschild & Jordan (1903), Zayas & Alayo (1956).
827. *Eumorpha mirificatus* (Grote 1875) E.  
*strenua* (Ménétriés 1857), mis. Rothschild & Jordan (1903), Zayas & Alayo (1956).
828. *Eumorpha v. vitis* (Linnaeus 1758). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).  
*linnei* (Grote & Robinson 1865). TL: Cuba. Gundlach (1881).
829. *Eupyrhroglosum sagra* (Poey 1832). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
830. *Hyles lineata* (Fabricius 1775)<sup>33</sup>. Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
831. *Isognathus r. rimosa* (Grote 1865). TL: Cuba. Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
832. *Madoryx pseudothyreus* (Grote 1865). TL: Cuba. Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
833. *Pachylia ficus* (Linnaeus 1758). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
834. *Pachylia syces* Hübner [1819]. Zayas & Alayo (1956).  
*inornata* (Clemens 1859), mis. Grote (1865a).
835. *Pachylioides resumens* (Walker 1856). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
836. *Perigonia divisa* Grote & Robinson 1865 E. Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
837. *Perigonia lefebvrui* (Lucas 1857). Grote (1865a).
838. *Perigonia l. lusca* (Fabricius 1777) E. Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
839. *Phryxus caicus* (Cramer 1777). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
840. *Pseudosphinx tetrio* (Linnaeus 1771). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
841. *Xylophanes chiron cubanus* Rothschild & Jordan 1906. Zayas & Alayo (1956), Núñez (2004a).
842. *Xylophanes clarki* Ramsden 1921 E. Zayas & Alayo (1956).

843. *Xylophanes gundlachi* (Herrich-Schäffer 1863) E. Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
844. *Xylophanes irrorata* (Grote 1865). Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
845. *Xylophanes pluto* (Fabricius 1777). Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
846. *Xylophanes p. porcus* (Hübner [1823]) E. Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
847. *Xylophanes robinsoni* (Grote 1865) E. Rothschild & Jordan (1903), Zayas & Alayo (1956).  
*curvatus* (Schaufus 1870). TL: Cuba.
848. *Xylophanes tersa* (Linnaeus 1771). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).

## Sphinginae

849. *Adhemarius daphne cubanus* (Rothschild & Jordan 1903) E. Vaglia & Haxarie (2005).  
*gannascus cubanus* (Rothschild & Jordan 1903). Rothschild & Jordan (1903), Zayas & Alayo (1956).
850. *Agrius cingulata* (Fabricius 1775). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
851. *Cocytius antaeus* (Drury 1773). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
852. *Cocytius duponchel* (Poey 1832). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
853. *Cocytius haxairei* Cadiou 2006 E
854. *Cocytius vitrinus* Rothschild & Jordan 1910 E. Zayas & Alayo (1956).
855. *Manduca afflictata* (Grote 1865) E. Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
856. *Manduca brontes cubensis* (Grote 1865). Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
857. *Manduca rustica cubana* (Wood 1915). TL: Cuba. Zayas & Alayo (1956).
858. *Manduca sexta jamaicensis* (Butler 1875). Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
859. *Nannoparce poeyi* (Grote 1865) E. Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956).
860. *Neococytius cluentius* (Cramer 1775). Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).
861. *Protambulyx strigilis* (Linnaeus 1771). Grote (1865a), Gundlach (1881), Rothschild & Jordan (1903), Zayas & Alayo (1956), Núñez (2004a).

## GEOMETROIDEA

## SEMATURIDAE

862. *Mania aegisthus* (Fabricius 1793). Núñez (2004a).  
*phoebe* Guenée 1857. Gundlach (1881), Zayas (1989).

## URANIIDAE

## Epipleminae

863. *Antiplecta triangularis* Warren 1906, **new record** (IES).
864. *Coeluromima reticularia* (Möschler 1890).  
*reticularis* (Möschler 1890), missp. Zayas (1989).
865. *Epiplima incolorata* (Guenée 1857), **new record** (USNM).
866. *Gymnoplocia mamillata* (Felder & Rogenhofer 1875), **new record** (IES).
867. *Nedusia fimbriata* Herrich-Schäffer 1870 E. Zayas (1989), Becker (2002a), Núñez (2004a).
868. *Philagraula slossoniae* Hulst 1896, **new record** (IES).
869. *Powondrella cingillaria* Geyer 1837. Zayas (1989), Núñez (2004a).
870. *Schidax anosectaria* Guenée [1858], **new record** (USNM).
871. *Schidax squamaria* Hübner 1818. Zayas (1989), Núñez (2004a).
872. *Syngria ramosaria* Möschler 1890. Forbes (1930).
873. *Trotorhombia metachromata* (Walker 1861), **new record** (IES).

## Uraniinae

874. *Urania boisduvalii* (Guérin 1829) E. Herrich-Schäffer (1866), Gundlach (1881), Alayo & Hernández (1987), Zayas (1989).
875. *Urania poeyi* (Herrich-Schäffer 1868) E. Gundlach (1881), Zayas (1989).

## GEOMETRIDAE

## Oenochrominae

876. *Almodes terraria* Guenée [1858]. Schaus (1940), Zayas (1989).
877. *Ametris nitocris* (Cramer 1780). Zayas (1989).
878. *Ergavia subrufa* Warren 1897 E.

## Ennominae

879. *Bagodares rectisignaria* (Herrich-Schäffer 1870). TL: Cuba. Becker (2002a).
880. *Covellia procrastinata* Ferguson 2009. TL: Cuba.
881. *Cyclomia m. mopsaria* (Guenée, [1858]). Schaus (1940), Núñez (2004a).
882. *Cyclomia plagaria* (Guenée, [1858]), **new record** (IES, USNM)
883. "*Cymatophora*" *insularis* (Warren 1906) E. Pitkin (2002).
884. *Epimecis detexta* (Walker 1860). Schaus (1940), Zayas (1989), Núñez (2004a).
885. *Epimecis s. scolopaiiae* (Drury 1773). Núñez (2004a).
886. *Erastria d. decrepitaria* (Hübner, [1823]). Gundlach (1881), Schaus (1940), Zayas (1989), Becker & Miller (2002).
887. *Erosina h. hyberniata* Guenée, [1858], **new record** (IES).
888. *Hydatoscia a. ategua* (Druce 1892). Zayas (1989), Pitkin (2002), Núñez (2004a).
889. *Iridopsis divisata* Warren 1905.
890. *Iridopsis eupepla* Warren 1906 E.
891. *Iridopsis i. idonearia* (Walker 1860). Schaus (1940), Becker (2002a), Núñez (2004a).
- abjectaria* (Herrich-Schäffer 1870). TL: Cuba. Gundlach (1881).
- humilis* Warren 1906. TL: Cuba.
891. 1. *idonearia fusilinea* Warren 1906 E. Pitkin (2002)
892. *Iridopsis rufisparsa* Warren 1906 E. Zayas (1989), Núñez (2004a).
893. *Leucula simplicaria* (Guenée, [1858]). Gundlach (1881), Schaus (1940), Zayas (1989), Núñez (2004a).
894. *Lomographa angelica* (Schaus 1923). Núñez (2004a).
895. *Macaria acutaria* (Walker 1863), **new record** (IES)
896. *Macaria centrosignatha* Herrich-Schäffer 1870. TL: Cuba. Becker (2002a).
897. *Macaria distribuaria* Hübner [1825]), **new record** (IES).
898. *Macaria regulata* (Fabricius 1775). Núñez (2004a).
899. *Melanchroia chepise* (Stoll 1782). Zayas (1989).
- fumosa* Grote 1867. TL: Cuba.
900. *Melanchroia geometroides* (Walker 1854). Grote (1867), Zayas (1989).
901. *Melanchroia regnatrix* Grote & Robinson 1867. Zayas (1989).
902. *Nepheloleuca complicata* (Guenée, [1858]).
903. *Nepheloleuca politia illiturata* (Guenée [1858]). TL: Cuba. Schaus (1940).
904. *Nereidania opalina* (Warren 1908) E. Pitkin (2002).
905. *Numia albisecta* Warren 1906 E.
906. *Numia terebintharia* Guenée [1858]. Becker (2002a).
- heterochloriaria* (Herrich-Schäffer 1870). TL: Cuba. Gundlach (1881).
907. *Oenoptila paluma* (Schaus 1938) E.
908. *Oxydia cubana* (Warren 1906). TL: Cuba. Rindge (1957).
909. *Oxydia vesulia transponens* (Walker 1860). Rindge (1957).
910. *Parilexia antilleata* Ferguson 2009. TL: Cuba.
911. *Parilexia nicetaria* (Guenée 1857). Schaus (1940), Ferguson (2009).
912. *Parilexia proditata* (Walker 1861). Ferguson (2009).
913. *Patalene ephyrata* (Guenée, [1858]). Zayas (1989).
914. *Patalene epionata* (Guenée, [1858]), **new record** (IES)

915. *Patalene hamulata* (Guenée, [1858])  
*falculatoria* (Sepp [1852]). Zayas (1989), Núñez (2004a).
916. *Patalene o. olyzonaria* (Walker 1860), **new record** (IES)
917. *Pero amanda* (Druce 1898). Poole (1987), Núñez (2004a).
918. *Pero cubana* Herbulot 1994 E
919. *Pero nerisaria* (Walker 1860). Poole (1987), Núñez (2004a).
920. *Pero zalissaria* (Walker 1860). Becker (2002a).  
*curvistrigaria* (Herrich-Schäffer 1870). TL: Cuba.
921. *Phrygionis auriferaria* (Hulst 1887). Núñez (2004a).
922. *Phrygionis p. paradoxata* (Guenée 1857)<sup>34</sup>.  
*fratercula* Warren 1906. TL: Cuba.  
*sororcula* Warren 1906. TL: Cuba.  
*argentistrata fratercula* Warren 1906. Prout (1933).  
*incolorata paradoxata* (Guenée 1857). Scoble (1994).  
*argentata* (Drury 1773), mis. Núñez (2004a).
923. *Phyllodonta decisaria* (Herrich-Schäffer 1870) E. Zayas (1989), Becker (2002a), Núñez (2004a).
924. *Pityeja nazada* (Druce 1892). Alayo & Hernández (1987), Scoble (1994).
925. *Prochoerodes exiliata* (Herrich-Schäffer 1870) E. Becker (2002a).
926. *Prochoerodes gundlachi* Becker 2002 E.
927. *Psamatodes pernicata* (Guenée, [1858]), **new record** (IES).
928. *Psamatodes trientata* (Herrich-Schäffer 1870). TL: Cuba. Schaus (1940), Becker (2002a), Núñez (2004a).
929. *Sabulodes laticlavia* Rindge 1978 E. Núñez (2004a).
930. *Sabulodes subopalaria* (Walker 1860). Rindge (1978).
931. *Semiothisa cellulata* (Herrich-Schäffer 1870). TL: Cuba. Schaus (1940), Becker (2002a).
932. "*Semiothisa*" *acepsimaria* Schaus 1923 E. Zayas (1989), Núñez (2004a).
933. "*Semiothisa*" *debiliata* (Warren 1897), **new record** (USNM).
934. "*Semiothisa*" *pacianaria* Schaus 1923 E.
935. "*Semiothisa*" *santiagaria* (Schaus 1923) E.
936. *Sericoptera virginaria* (Hulst 1886). Núñez (2004a).
937. *Sphacelodes fusilineata* (Walker 1860). Becker & Miller (2002), Becker (2002a).  
*griseocostaria* (Herrich-Schäffer 1870). TL: Cuba.
938. *Sphacelodes vulneraria* (Hübner 1823). Gundlach (1881), Zayas (1989), Núñez (2004a).
939. *Thyrineina arnobia quadricostaria* (Herrich-Schäffer 1870). TL: Cuba. Gundlach (1881), Rindge (1961), Becker (2002a), Núñez (2004a).
940. *Thysanopyga apicitruncaria* Herrich-Schäffer, [1856]. Gundlach (1881), Núñez (2004a).
941. "*Thysanopyga*" *subpusaria* (Herrich-Schäffer 1870). TL: Cuba. Becker (2002a).
942. *Trigrammia quadrinotaria* Herrich-Schäffer, [1855], **new record** (IES).
- Geometrinae
943. *Chlorochlamys chloroleucaria* (Guenée [1858]). Pitkin (1996).  
*desolataria* (Herrich-Schäffer 1870). TL: Cuba.
944. *Chloropteryx paularia* (Möschler 1886). Schaus (1940), Pitkin (1996).
945. *Eucrotes dominicaria* (Guenée, [1858]), **new record** (CFZ).
946. *Eueana niveociliaria* (Herrich-Schäffer 1870). TL: Cuba. Pitkin (1996).
947. *Nemoria lixaria* (Guenée, [1858]). Núñez (2004a).
948. *Nemoria rectilinea* (Warren 1906). Pitkin (1996), Núñez (2004a).
949. *Oospila confundaria* (Möschler 1890). Cook & Scoble (1995).
950. *Oospila decoloraria* (Walker 1861). Cook & Scoble (1995).
951. *Phrudocentra c. centrifugaria* (Herrich-Schäffer 1870). TL: Cuba. Schaus (1940), Zayas (1989), Pitkin (1996), Becker & Miller (2002), Becker (2002a), Núñez (2004a).  
*protractaria* (Herrich-Schäffer 1870). TL: Cuba.
952. *Synchlora c. cupedinaria* (Grote 1880), **new record** (IES).
953. *Synchlora f. frondaria* Guenée [1858]. Zayas (1989), Pitkin (1996), Becker (2002a), Núñez (2004a).  
*albicostaria* (Herrich-Schäffer 1870). TL: Cuba. Schaus (1940).

954. *Synchlora h. herbaria* (Fabricius 1794). Schaus (1940), Pitkin (1996), Becker (2002a), Núñez (2004a).  
*croceofimbriata* (Herrich-Schäffer 1870). TL: Cuba. Gundlach (1881).
955. *Synchlora xysteraria* (Hulst 1886). Ferguson (1985).  
*gerularia* (Hübner [1823]), mis. Zayas (1989), Núñez (2004a).
- Sterrhinae**
956. *Cyclophora nanaria* (Walker 1861). Becker (2002a), Núñez (2004a).  
*nanularia* (Herrich-Schäffer 1870). TL: Cuba.
957. "*Cyclophora*" *ordinata* Walker 1862. Núñez (2004a).
958. "*Cyclophora*" *urcearia* Guenée, [1858], **new record** (IES).
959. *Idaea eupitheciata* (Guenée, [1858]), **new record** (IES, USNM).
960. *Idaea furciferata* (Packard 1873). Núñez (2010).
961. "*Idaea*" *insulensis* (Rindge 1958), **new record** (USNM).
962. *Idaea tenebrica* (Warren 1906) E.
963. *Leptostales crossi* (Hulst 1900), **new record** (IES).
964. *Leptostales laevitaria* Geyer 1837, **new record** (IES).
965. *Leptostales nigrofasciaria* (Herrich-Schäffer 1870). TL: Cuba. Zayas (1989), Becker (2002a).
966. *Leptostales oblinataria* (Möschler 1890).  
*praepeditaria* (Möschler 1890), mis. Núñez (2004a).
967. *Leptostales pannaria* (Guenée [1858]), **new record** (IES)
968. *Leptostales penthemaria* Dyar 1913<sup>35</sup> E.
969. *Leptostales phorcaria* (Guenée [1858]). Becker (2002a).  
*subroseata* (Herrich-Schäffer 1870). TL: Cuba.  
*pappasaria* Dyar 1913. TL: Cuba.
970. *Leptostales praepeditaria* (Möschler 1890), **new record** (IES).
971. *Leptostales terminata* (Guenée [1858]). TL: Cuba.  
*examinaria* Dyar 1913. TL: Cuba.
972. *Lobocleta nataria* (Walker 1866) E.  
*imbellis* (Warren 1906) TL: Cuba.
973. *Lobocleta tenellata* Möschler 1886. Núñez (2004a).
974. *Lophosis labeculata* (Hulst 1887). Núñez (2004a).
975. *Pleuroprucha asthenaria* (Walker 1861). Zayas (1989), Núñez (2004a).
976. *Pleuroprucha m. molitaria* (Möschler 1890). Núñez (2004a).
977. *Pleuroprucha rudimentaria* (Guenée [1858]). Becker (2002a).  
*extranearia* (Herrich-Schäffer 1870). TL: Cuba.
978. *Pseudasellodes fenestraria* (Guenée 1857). Schaus (1940), Zayas (1989), Núñez (2004a).
979. *Ptychamalia perlata* (Warren 1900). Núñez (2010).
980. *Scopula a. appariataria* (Walker 1861). Becker (2002a).  
*floccularia* (Herrich-Schäffer 1870). TL: Cuba.
981. *Scopula canularia* (Herrich-Schäffer 1870). TL: Cuba. Gundlach (1881), Schaus (1940), Becker (2002a).
982. *Scopula chionaeata* (Herrich-Schäffer 1870). TL: Cuba. Becker (2002a).
983. *Scopula compensata* (Walker 1861), **new record** (USNM).
984. *Scopula fernaria* Schaus 1940, **new record** (IES, USNM).
985. *Scopula juruana* (Butler 1881), **new record** (IES, USNM)
986. *Scopula umbilicata* (Fabricius 1794). Núñez (2004a).
987. *Semaeopus caecaria* (Hübner [1823]). Schaus (1940), Becker (2002a).  
*occipitarius* (Herrich-Schäffer 1870). TL: Cuba. Gundlach (1881).
988. *Semaeopus callichroa* Prout 1938. Núñez (2004a).
989. *Semaeopus castaria* (Guenée [1858]). Schaus (1940).
990. *Semaeopus concomitans* (Warren 1906) E. Núñez (2004a).
991. *Semaeopus curta* (Warren 1906) E. Núñez (2004a).
992. *Semaeopus perletaria fuscifrons* (Warren 1906) E.



## Larentiinae

993. *Disclisioprocta stellata* (Guenée, [1858]). Zayas (1989), Bendicho– López (1998), Becker (2002a), Núñez (2004a).  
*baliata* (Herrich-Schäffer 1870). TL: Cuba.  
*balteolata* (Herrich-Schäffer 1870). TL: Cuba. Gundlach (1881).
994. *Dyspteris abortivaria* (Herrich-Schäffer, [1855]). Zayas (1989).
995. *Eois isographata* (Walker 1863), **new record** (IES)
996. *Eois tegularia* (Guenée, [1858]). Núñez (2004a).
997. *Eubaphe pumilata* (Fletcher 1954).  
*u. unicolor* (Robinson 1869), mis. Zayas (1989).
998. *Euphyia moeraria* (Guenée, [1858]). Schaus (1940).
999. *Eupithecia succernata* Möschler 1886. Núñez (2004a).
1000. *Hagnagora ephestris* (Felder & Rogenhofer 1875)  
*luteoradiata* Thierry–Mieg 1892. Alayo & Hernández (1987).
1001. *Hammaptera p. parinotata* (Zeller 1872), **new record** (IES)
1002. *Heterusia lymnadoides* (Prout 1931) E.
1003. *Obila pannosata* (Guenée [1858]). Becker (2002a).  
*decertaria* (Herrich-Schäffer 1870). TL: Cuba. Zayas (1989).
1004. *Obila praecurraria* (Möschler 1890). Schaus (1940), Zayas (1989).
1005. *Psaliodes subochreofusa* Herbulot 1988. Núñez (2004a).
1006. *Pterocypha defensata* Walker 1862. Schaus (1940), Becker (2002a).  
*anguinata* (Herrich-Schäffer 1870). TL: Cuba.  
*subgaliata* (Herrich-Schäffer 1870). Cuba.  
*aristata* (Herrich-Schäffer 1870). TL: Cuba. Gundlach (1881).  
*artificata* (Herrich-Schäffer 1870). TL: Cuba.
1007. *Spargania clementi* Prout 1931 E.
1008. *Triphosa affirmata* (Guenée [1858]). Becker (2002a).  
*subcertaria* (Herrich-Schäffer 1870). TL: Cuba.
1009. *Xanthorhoe herbicolor* Prout 1931 E.

## NOCTUOIDEA

## NOTODONTIDAE

## Notodontinae

1010. *Cerura rarata* (Walker 1865), **new record** (IES).

## Dudusinae

1011. *Antillisa lucedia* Schaus 1937 E. Torre & Alayo (1959), Zayas (1989).
1012. *Antillisa toddi* Torre & Alayo 1959 E. Zayas (1989).
1013. *Crinodes besckei* Hübner 1824. Herrich-Schäffer (1866), Gundlach (1881), Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1014. *Hapigia directa* Schaus 1904 E. Torre & Alayo (1959), Zayas (1989).

## Heterocampinae

1015. *Boriza crossaea* (Druce 1894). Torre & Alayo (1959), Zayas (1989).
1016. *Heterocampa albidiscata* Schaus 1904 E. Torre & Alayo (1959), Zayas (1989).
1017. *Heterocampa baracoana* Schaus 1904 E. Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1018. *Heterocampa cubana* Grote 1865. TL: Cuba. Herrich-Schäffer (1866), Gundlach (1881), Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1019. *Heterocampa santiago* Schaus 1904 E. Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1020. *Heterocampa zayasi* (Torre & Alayo 1959). TL: Cuba. Zayas (1989).
1021. *Ianassa violascens* (Herrich-Schäffer 1855). Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1022. *Malocampa punctata* (Cramer 1782). Torre & Alayo (1959), Zayas (1989).
1023. *Malocampa sida* (Schaus 1892). Zayas (1989), Núñez (2004a).
1024. *Misogada pallida* Schaus 1904 E. Torre & Alayo (1959), Zayas (1989).
1025. *Rifargia bichorda* (Hampson 1901). Torre & Alayo (1959), Zayas (1989).

1026. *Rifargia distinguenda* (Walker 1856). Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1027. *Schizura pelialis* Schaus 1937 E. Torre & Alayo (1959), Zayas (1989).
- Nystaleinae
1028. *Bardaxima lucilinea* (Walker 1858), **new record** (IES).
1029. *Elasmia insularis* (Grote 1867). TL: Cuba. Gundlach (1881), Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1030. *Elymiotis morana* Schaus 1928. Torre & Alayo (1959).  
*morama* Schaus 1928, missp. Zayas (1989).
1031. *Lepasta bractea* (Felder 1874). Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1032. *Nystalea aequipars* (Walker 1858). Torre & Alayo (1959), Zayas (1989), Núñez (2004a).
1033. *Nystalea ebalea* (Stoll 1779). Gundlach (1881), Torre & Alayo (1959), Zayas (1989).  
*conchifera* Guenée 1852. Herrich-Schäffer (1866).
1034. *Nystalea indiana* Grote 1884. Zayas (1989), Núñez (2004a).  
*guttulata* Schaus 1904. TL: Cuba.
1035. *Nystalea superciliosa* Guenée 1852. Torre & Alayo (1959), Zayas (1989).
- EREBIDAE
- Lymantriinae
1036. *Dasychira manto* (Strecker 1900), **new record** (IES).
1037. *Eloria cubana* Schaus 1906 E. Zayas (1989).
1038. *Orgyia leucostigma* (Smith 1797), **new record** (MFP).
- Arctiinae
1039. *Aclytia heber* (Cramer 1780). Grote (1867), Gundlach (1881), Druce (1884), Zayas (1989), Núñez (2004a).
1040. *Aethria dorsolineata* Hampson 1898. Zayas (1989).
1041. *Agyrta dux* (Walker 1854)  
*superba* (Druce 1885). Zayas (1989).  
*auxo* (Linnaeus 1767), mis. Gundlach (1881).
1042. *Ammalo helops* (Cramer 1775). Núñez (2004a).  
*impunctus* Grote 1865. TL: Cuba. Herrich-Schäffer (1866), Gundlach (1881).  
*helops* var. *impunctus* Grote 1865. Zayas (1989).
1043. *Ammalo ramsdeni* Schaus 1925 E. Watson & Goodger (1986), Zayas (1989).
1044. *Antichloris clementi* Schaus 1938 E. Zayas (1989).
1045. *Apistosis humeralis* Grote 1867 E. Gundlach (1881), Zayas (1989).  
*judas* (Hübner [1819]), mis. Herrich-Schäffer (1866).
1046. *Boenasa tricolor* (Herrich-Schäffer 1866) E. Gundlach (1881), Zayas (1989), Becker (2002b).  
*toryca* Schaus 1924. TL: Cuba. Zayas (1989), Núñez (2004a).
1047. *Burtia cruenta* (Herrich-Schäffer 1866) E. Zayas (1989), Becker (2002b).
1048. *Burtia rubella* Grote 1866 E. Gundlach (1881), Zayas (1989), Núñez (2004a).
1049. *Calidota cubensis* (Grote 1865). TL: Cuba. Herrich-Schäffer (1866), Gundlach (1881), Watson & Goodger (1986).
1050. *Calidota strigosa* (Walker 1855). Zayas (1989), Núñez (2004a).
1051. *Carales astur cubensis* (Rothschild 1909) E. Watson & Goodger (1986).  
*cubensis* (Rothschild 1909). TL: Cuba. Zayas (1989).
1052. *Carathis gortynoides* Grote 1865 E. Gundlach (1881), Watson & Goodger (1986), Zayas (1989).
1053. *Carathis alayorum* Becker 2011 E.
1054. *Composia credula* (Fabricius 1775), **new record** (USNM).
1055. *Composia f. fidelissima* Herrich-Schäffer 1866. TL: Cuba. Grote (1867), Gundlach (1881), Todd (1982), Zayas (1989), Becker & Miller (2002), Becker (2002b), Núñez (2004a).
1056. *Correbidia terminalis* (Walker 1866)<sup>36</sup>. Becker (2002b), Núñez (2004a).  
*subochrea* (Herrich-Schäffer 1866), mis. Becker (2002b).  
*bicolor* (Herrich-Schäffer 1866). TL: Cuba. Gundlach (1881), Zayas (1989), Núñez (2004a).  
*cimicoides* (Herrich-Schäffer 1866). TL: Cuba. Gundlach (1881).  
*apicalis* Schaus 1904. TL: Cuba. Zayas (1989).

1057. *Cosmosoma achemon* (Fabricius 1781), **new record** (IES).
1058. *Cosmosoma auge* (Linnaeus 1767). Druce (1884), Zayas (1989), Núñez (2004a).  
*omphale* Hübner 1806. Grote (1866), Gundlach (1881).  
*rubripeda* (Lucas 1857).
1059. *Cosmosoma fenestrata* (Drury 1773)<sup>37</sup>.
1060. *Cosmosoma juanita* Neumogen 1894 E. Zayas (1989).
1061. *Ctenucha bruneri* Schaus 1938 E.
1062. *Ctenucha hilliana* Dyar 1915 E.
1063. *Ctenuchidia gundlachia* (Schaus 1904) E. Todd (1982), Watson & Goodger (1986), Zayas (1989).
1064. *Ctenuchidia virgo* (Herrich-Schäffer [1855]). TL: Cuba. Herrich-Schäffer (1866), Grote (1867), Gundlach (1881), Todd (1982), Watson & Goodger (1986).
1065. *Dahana cubana* Schaus 1904 E. Zayas (1989).
1066. *Darantasia rumolda* Schaus 1925 E. Zayas (1989).
1067. *Didaphne cyanomela* (Neumogen 1894) E. Watson & Goodger (1986), Zayas (1989).
1068. *Elysius barnesi* Schaus 1904 E. Watson & Goodger (1986), Zayas (1989).
1069. *Empyreuma pugione* (Linnaeus 1767). Grote (1867), Gundlach (1881).  
*affinis* Rothschild 1912. TL: Cuba. Zayas (1989), Núñez (2004a).
1070. *Episcepsis leneus* (Cramer 1779). Núñez (2004a).  
*lenaeus* (Cramer 1779), missp. Zayas (1989).
1071. *Episcepsis tethis* (Linnaeus 1771). Grote (1867), Gundlach (1881), Zayas (1989).
1072. *Estigmene acrea* (Drury 1773). Bendicho– López (1998).
1073. *Eucereon guacolda* (Poey 1832). TL: Cuba. Grote (1865b), Herrich-Schäffer (1866), Gundlach (1881), Zayas (1989), Núñez (2004a).
1074. *Eucereon irrorata* Schaus 1904 E. Zayas (1989).
1075. *Eudoliche osvalda* Schaus 1925 E.
1076. *Eunomia caymanensis* Hampson 1911. Zayas (1989), Becker (2002b).
1077. *Eunomia insularis* Grote 1866 E. Gundlach (1881), Zayas (1989), Becker (2002b), Núñez (2004a).  
*elegantula* (Herrich-Schäffer 1866). TL: Cuba.
1078. *Eunomia nitidula* (Herrich-Schäffer 1866) E. Gundlach (1881), Zayas (1989), Becker (2002b).  
*rubripunctata* (Butler 1876), mis. Zayas (1989).
1079. *Eupseudosoma involuta* (Sepp [1855]). Zayas (1989), Núñez (2004a).  
*nivea* (Herrich– Schäffer 1855). Grote, (1866), Gundlach (1881).
1080. *Haemanota sanguinidorsia* (Schaus 1905). Zayas (1989).  
*cubana* Rothschild 1910. TL: Cuba.
1081. *Haemaphlebiella formona* (Schaus 1905). Zayas (1989).
1082. *Halysidota cinctipes* Grote 1865. TL: Cuba. Herrich– Schäffer (1866), Gundlach (1881), Watson & Goodger (1986), Zayas (1989), Núñez (2004a).
1083. *Horama diffusa* Grote 1866. TL: Cuba. Gundlach (1881), Dietz & Duckworth (1976), Becker (2002b), Núñez (2004a).  
*pretellus* (Herrich-Schäffer 1866). TL: Cuba.
1084. *Horama margarita* McCabe 1992 E.
1085. *Horama p. panthalon* (Fabricius 1793). Dietz & Duckworth (1976).
1086. *Horama pennipes* (Grote 1866) E. Gundlach (1881), Dietz & Duckworth (1976), Becker (2002b).  
*plumosa* (Herrich-Schäffer 1866)
1087. *Horama pretus* (Cramer 1777). Dietz & Duckworth (1976).
1088. *Horama zapata* Dietz & Duckworth 1976. TL: Cuba.
1089. *Hyalurga vinosa* (Drury 1770). Herrich-Schäffer (1866), Grote (1867), Gundlach (1881), Todd (1982), Núñez (2004a).  
*rica* (Hübner [1831]). Zayas (1989).
1090. *Hypercompe albicornis* (Grote 1865) E. Gundlach (1881), Watson & Goodger (1986), Zayas (1989).
1091. *Hypercompe decora* (Walker 1855). Zayas (1989), Núñez (2004a).  
*cyaneicornis* (Grote 1867). TL: Cuba. Gundlach (1881).

1092. *Isanthrene ustrina* Hübner 1827<sup>38</sup>.
1093. *Lepidolutzia baucis* (Dalman 1823). Zayas (1989).
1094. *Leucanopsis tanamo* (Schaus 1904) E. Watson & Goodger (1986), Zayas (1989).
1095. *Lophocampa alternata* (Grote 1867). Gundlach (1881), Watson & Goodger (1986), Zayas (1989).
1096. *Lophocampa atomosa* (Walker 1855). Zayas (1989).  
*fasciata* (Grote 1867). TL: Cuba. Gundlach (1881).
1097. *Lophocampa grotei* (Schaus 1904) E. Watson & Goodger (1986), Zayas (1989).
1098. *Lophocampa luxa* (Grote 1865) E. Herrich–Schäffer (1866), Gundlach (1881), Watson & Goodger (1986).
1099. *Lophocampa scripta* (Grote 1867) E. Gundlach (1881), Watson & Goodger (1986), Zayas (1989).
1100. *Lymire albipennis* (Herrich-Schäffer 1866). TL: Cuba. Grote (1867), Gundlach (1881), Zayas (1989), Becker (2002b), Núñez (2004a).
1101. *Lymire edwardsi* Grote 1881. Zayas (1989).
1102. *Lymire lacina* Schaus 1925 E. Zayas (1989).
1103. *Lymire subochrea* (Herrich-Schäffer 1866)<sup>39</sup> E. Grote (1867), Gundlach (1881), Zayas (1989).
1104. *Lymire vedada* Schaus 1938 E.
1105. *Mulona barnesi* Field 1952 E.  
*farnesi* Filed 1952, missp. Zayas (1989).
1106. *Mulona schausi* Field 1952 E. Zayas (1989).
1107. *Mydromera carmina* Schaus 1938 E. Zayas (1989).
1108. *Nelphe carolina* (H. Edwards 1887).  
*cubensis* Schaus 1904.  
*cubense* Schaus 1904, missp. Zayas (1989).  
*confinis* Auct., part. mis. Herrich-Schäffer (1866), Grote (1867), Núñez (2004a).  
*confine* (Herrich-Schäffer 1855), missp. Zayas (1989).
1109. *Nyridela chalciope* (Hübner [1831]). TL: Cuba. Grote (1867), Gundlach (1881), Zayas (1989), Becker & Miller (2002), Núñez (2004a).
1110. *Paramulona albulata* (Herrich-Schäffer 1866) E. Gundlach (1881), Forbes (1930), Becker (2002b).  
*albatula* (Herrich-Schäffer 1866), missp. Grote (1866).
1111. *Paramulona baracoa* Field 1951 E.
1112. *Paramulona nephelistis* (Hampson 1905) E.  
*nephelistes* (Hampson 1905), missp. Zayas (1989).
1113. *Paramulona schwarzi* Field 1951 E.  
*schwartzi* Field 1951, missp. Zayas (1989).
1114. *Pareuchetes insulata* (Walker 1855). Watson & Goodger (1986), Zayas (1989), Núñez (2004a).  
*cadaverosa* Grote 1865. TL: Cuba. Herrich–Schäffer (1866), Gundlach (1881).  
*affinis* Grote 1865. TL: Cuba. Herrich–Schäffer (1866), Gundlach (1881).
1115. *Phaio longipennis* Neumogen 1894 E. Zayas (1989), Núñez (2004a).
1116. *Phoenicoprocta capistrata* (Fabricius 1775). Zayas (1989), Becker (2002b), Núñez (2004a).  
*selecta* (Herrich-Schäffer 1854). Gundlach (1881).  
*eximia* (Herrich-Schäffer 1866). TL: Cuba.  
*capistrata* cf. (Herrich-Schäffer 1866). Zayas (1989).  
*cubana* Druce 1899. TL: Cuba.  
*cubana* (Gaede 1926). TL: Cuba.
1117. *Pseudaclytia bambusana* Schaus 1938 E
1118. *Pseudocharis minima* (Grote 1867). TL: Cuba. Gundlach (1881), Zayas (1989).
1119. *Robinsonia dewitzi* Gundlach 1881 E. Watson & Goodger (1986), Zayas (1989), Becker (2002b).
1120. *Robinsonia evanida* Schaus 1905 E. Watson & Goodger (1986), Zayas (1989).
1121. *Robinsonia formula* Grote 1865. TL: Cuba. Gundlach (1881), Zayas (1989).
1122. *Seripha plumbeola* Hampson 1909. TL: Cuba. Zayas (1989).
1123. *Soritena habanera* Schaus 1924 E. Watson & Goodger (1986), Zayas (1989).
1124. *Sphaeromachia cubana* (Herrich-Schäffer 1866). TL: Cuba. Grote (1867), Gundlach (1881), Todd (1982), Watson & Goodger (1986), Zayas (1989), Becker (2002b), Núñez (2004a).

1125. *Spilosoma jussiaeae* (Poey 1832). TL: Cuba. Grote (1865b), Herrich– Schäffer (1866), Gundlach (1881), Watson & Goodger (1986), Zayas (1989).
1126. *Sthenognatha cinda* (Schaus 1938) E. Todd (1982), Watson & Goodger (1986), Zayas (1989), Núñez (2004a).
1127. *Syntomeida epilais* (Walker 1854), **new record** (MFP).
1128. *Syntomeida syntomoides* (Boisduval 1836). Grote (1867), Gundlach (1881), Zayas (1989).
1129. *Syntomeida wrighti* (Gundlach 1881) E. Gundlach (1881), Becker (2002b).  
*parishi* (Rothschild 1911). Zayas (1989).
1130. *Syntomidopsis gundlachiana* (Neumogen 1890) E. Todd (1982), Watson & Goodger (1986), Zayas (1989).
1131. *Syntomidopsis variegata* (Walker 1854). Zayas (1989).
1132. *Tricypha proxima* (Grote 1867). TL: Cuba. Gundlach (1881), Zayas (1989), Núñez (2004a).
1133. *Uranophora chalybaea* Hübner [1831]. Grote (1867), Gundlach (1881), Zayas (1989).
1134. *Utetheisa ornatix* (Linnaeus 1758). Forbes (1917).  
*bella* (Linnaeus 1767). Grote (1866), Herrich– Schäffer (1866), Gundlach (1881).  
*ornatrix* var. *venustula* (Dalman 1823). Zayas (1989).
1135. *Virbia disparilis* (Grote 1865) E. Gundlach (1881), Watson & Goodger (1986).  
*disparalis* (Grote 1865), missp. Zayas (1989).
1136. *Virbia heros* (Grote 1865) E. Gundlach (1881), Watson & Goodger (1986), Zayas (1989).
1137. *Virbia latus* (Grote 1865) E. Gundlach (1881), Watson & Goodger (1986), Zayas (1989).
1138. *Virbia pallicornis* (Grote 1867) E. Gundlach (1881), Watson & Goodger (1986), Zayas (1989), Núñez (2004a).
1139. *Zellatilla columbia* Dyar 1914 E. Alayo & Hernández (1987), Zayas (1989).
- Herminiinae**
1140. *Aristaria bleptinalis* Schaus 1916 E. Zayas (1989).
1141. *Aristaria theroalis* (Walker [1859]), **new record** (IES).
1142. *Bleptina acastusalis* Walker [1859]. Zayas (1989).  
*nigromacularis* (Möschler 1890). Zayas (1989)
1143. *Bleptina arealis* (Hampson 1901). Zayas (1989).
1144. *Bleptina athusalis* Schaus 1916 E  
*attrusalis* Schaus 1916, missp. Zayas (1989).
1145. *Bleptina atymnusalis* (Walker [1859]). Zayas (1989).
1146. *Bleptina baracoana* Schaus 1916 E. Zayas (1989).
1147. *Bleptina caradrinalis* Guenée 1854  
*priassalis* Walker [1859]. Zayas (1989).
1148. *Bleptina carlona* Schaus 1916 E. Zayas (1989).
1149. *Bleptina diopis* (Hampson 1904). Zayas (1989).
1150. *Bleptina hydrillalis* Guenée 1854. Zayas (1989), Núñez (2004a).
1151. *Bleptina menalcalalis* Walker [1859]. Zayas (1989), Núñez (2004a).
1152. *Bleptina muricolor* Schaus 1916. Zayas (1989).
1153. *Bleptina pudesta* Schaus 1916 E  
*podesta* Schaus 1916, missp. Zayas (1989).
1154. *Carteris lineata* (Druce 1898). Zayas (1989).
1155. *Carteris oculatalis* (Möschler 1890). Zayas (1989), Núñez (2004a).
1156. *Compsenia gracillima* (Herrich-Schäffer 1870) E. Zayas (1989), Becker (2002b).
1157. *Compsenia insulalis* Schaus 1916 E. Zayas (1989).
1158. *Drepanoplusia lunifera* (Butler 1878). Becker & Miller (2002).  
*polycyma* Hampson 1898. Zayas (1989).
1159. *Heterogramma terminalis* (Herrich-Schäffer 1870) E. Becker (2002b).
1160. *Hypenula deleona* Schaus 1916 E. Zayas (1989), Núñez (2004a).
1161. *Hypenula miriam* Schaus 1916 E. Zayas (1989).
1162. *Lascoria alucitalis* (Guenée 1854). Herrich-Schäffer (1870), Zayas (1989).
1163. *Lascoria nigrireana* (Herrich-Schäffer 1870) E. Becker (2002b).

1164. *Lascoria orneodalis* (Guenée 1854). Zayas (1989), Becker & Miller (2002), Núñez (2004a).
1165. *Lophoditta tuberculata* (Herrich-Schäffer 1870). TL: Cuba. Zayas (1989), Becker (2002b), Núñez (2004a).
1166. *Macristis geminipunctalis* Schaus 1916. TL: Cuba. Zayas (1989).
1167. *Mastigophorus latipennis* Herrich-Schäffer 1870 E. Becker (2002b).
1168. *Mastigophorus parra* Poey 1832. Zayas (1989), Núñez (2004a).
1169. *Phalaenophana eudorcalis* (Guenée 1854). Zayas (1989).
1170. *Phalaenophana santiagonis* (Schaus 1916) E
1171. *Phlyctaina irrigualis* Möschler 1890. Zayas (1989), Núñez (2004a).
1172. *Physula acutalis* Herrich-Schäffer 1870 E. Becker (2002b).
1173. *Physula albipunctilla* Schaus 1916. TL: Cuba. Núñez (2004a).  
*albipunctatis* Schaus 1916, missp. Zayas (1989).
1174. *Physula albirenalis* Herrich-Schäffer 1870 E. Becker (2002b).
1175. *Physula apicalis* Herrich-Schäffer 1870 E. Becker (2002b).
1176. *Physula herminialis* Herrich-Schäffer 1870 E. Becker (2002b).
1177. *Physula limonalis* (Schaus 1913). Zayas (1989).
1178. *Physula tristigalis* Herrich-Schäffer 1870 E. Becker (2002b).
1179. *Physula variegalis* Herrich-Schäffer 1870 E. Becker (2002b).
1180. *Rejectaria lysandria* (Druce 1891). Zayas (1989).
1181. *Salia ferrigeralis* Walker [1866]. Zayas (1989).
1182. *Santiaxis copima* Schaus 1916 E. Zayas (1989).
1183. *Sorygaza ramsdeni* Schaus 1916 E. Zayas (1989).
1184. *Synomera isthmialis* Schaus 1916 E. Zayas (1989).
1185. *Tetanolita mutatalis* (Möschler 1890). Zayas (1989).
1186. *Thursania aristarioides* Schaus 1916 E. Zayas (1989), Núñez (2004a).
1187. *Thursania costigutta* (Herrich-Schäffer 1870) E. Zayas (1989).
1188. *Thursania hobsonalis* Schaus 1916 E. Zayas (1989).
1189. *Thursania miaralis* Schaus 1916 E. Zayas (1989).
1190. *Thursania voodoalis* Schaus 1916 E. Núñez (2004a). Zayas (1989).
- Hypeninae
1191. *Arrade linecites* Schaus 1916 E. Zayas (1989).
1192. *Hypena abscisalis* (Walker 1858). Zayas (1989).
1193. *Hypena androna* (Druce 1890)  
*androma* (Druce 1890), missp. Zayas (1989).
1194. *Hypena degesalis* Walker 1859. Zayas (1989).
1195. *Hypena exoletalis* Guenée 1854. Zayas (1989).
1196. *Hypena lividalis* (Hübner 1790).  
*abjurialis* Walker [1858]. Zayas (1989).
1197. *Hypena mactatalis* Walker [1859]. Zayas (1989), Núñez (2004a).
1198. *Hypena subidalis* Guenée 1854. Zayas (1989), Núñez (2004a).
1199. *Hypena minualis* Guenée 1854. Zayas (1989).
1200. *Hypena porrectalis* (Fabricius 1794). Zayas (1989).  
*porrectalis* (Fabricius 1794), missp. Núñez (2004a).
1201. *Hypena scabra* (Fabricius 1798). Núñez (2003).
1202. *Hypena umbralis* (Smith 1884). Zayas (1989).
1203. *Hypena vetustalis* Guenée 1854. Zayas (1989), Bendicho–López (1998).
- Rivulinae
1204. *Rivula pusilla* Möschler 1890. Zayas (1989).
- Scoliopteryginae
1205. *Alabama argillacea* (Hübner 1823). Herrich-Schäffer (1868), Zayas (1989).
1206. *Anomis catarhodois* Dyar 1913 E. Zayas (1989).
1207. *Anomis editrix* (Guenée 1852). Herrich-Schäffer (1868), Zayas (1989), Núñez (2004a).
1208. *Anomis erosa* Hübner 1821. Zayas (1989), Núñez (2004a).

1209. *Anomis exacta* Hübner 1822. Herrich-Schäffer (1868), Zayas (1989).  
 1210. *Anomis flava fimbriago* (Stephens 1829). Zayas (1989).  
 1211. *Anomis gundlachi* Schaus 1940. TL: Cuba. Zayas (1989).  
 1212. *Anomis hedys* (Dyar 1913) E  
 1213. *Anomis illita* Guenée 1852. Zayas (1989), Núñez (2004a).  
*praerupta* Möschler 1890. Zayas (1989).  
 1214. *Anomis impasta* Guenée 1852  
*doctorum* Dyar 1913. Zayas (1989).  
 1215. *Anomis innocua* Schaus 1940. Zayas (1989).  
 1216. *Anomis orthopasta* Dyar 1913 E. Zayas (1989).  
 1217. *Anomis tingenscens* Dyar 1913 E. Zayas (1989).
- Calpinae
1218. *Adiopa disgrega* (Möschler 1890). Zayas (1989).  
 1219. *Dialithis gemmifera* Hübner [1821]. Zayas (1989), Núñez (2004a).  
 1220. *Eudocima apta* (Walker, [1858])  
*materna* (Linnaeus 1767), mis. Zayas (1989).  
 1221. *Eudocima serpentifera* (Walker [1858]), **new record** (IES).  
 1222. *Eudocima toddi* (Zayas 1965) E. Zayas (1989).  
 1223. *Gonodonta b. bidens* Geyer 1832. TL: Cuba. Zayas (1989), Núñez (2004a).  
 1224. *Gonodonta clotilda* (Stoll 1790). Zayas (1989).  
 1225. *Gonodonta incurva* (Sepp [1840]). Zayas (1989), Núñez (2004a).  
 1226. *Gonodonta nitidimacula* Guenée 1852. Zayas (1989).  
 1227. *Gonodonta nutrix* (Stoll 1780). Zayas (1989).  
 1228. *Gonodonta sicheas* (Cramer 1777). Zayas (1989), Núñez (2004a).  
 1229. *Gonodonta unica* Neumoegen 1891. Zayas (1989).  
 1230. *Gonodonta uxor* (Cramer 1780). Núñez (2004a).  
*uxoria* (Cramer 1780), missp. Zayas (1989).  
 1231. *Graphigona regina* (Guenée 1852). Zayas (1989), Núñez (2004a).  
 1232. *Ipnista marina* (Druce 1891). Zayas (1989), Núñez (2004a).  
 1233. *Oraesia excitans* Walker [1858]. Zayas (1989).  
 1234. *Parachabora abydas* (Herrich-Schäffer [1869]). Zayas (1989).  
 1235. *Parachabora triangulifera* Hampson 1901. Zayas (1989), Becker (2002b), Núñez (2004a).  
*purpurascens* (Herrich-Schäffer 1868), nomen nudum. Zayas (1989).  
*purpurascens* (Herrich-Schäffer 1868), mis. Núñez (2004a).  
 1236. *Plusiodonta clavifera* (Walker 1869). Zayas (1989), Núñez (2004a).  
 1237. *Plusiodonta stimulans* (Walker [1858]). Zayas (1989).  
 1238. *Plusiodonta thomae* Guenée 1852. Zayas (1989), Núñez (2004a).
- Hypocalinae
1239. *Hypocala andremona* (Stoll 1781). Zayas (1989), Núñez (2004a).  
 1240. *Hypsoropha adeona* Druce 1889. Zayas (1989).
- Scolecampinae
1241. *Palpudia pallidior* Dyar 1898. Zayas (1989).  
*cocophaga* (Franclemont 1949). TL: Cuba.
- Hypenodinae
1242. *Schrankia macula* (Druce 1891). Zayas (1989).
- Boletobiinae
1243. *Metalectra analis* Schaus 1916. TL: Cuba. Zayas (1989), Núñez (2004a).  
 1244. *Metalectra geminincta* Schaus 1916. TL: Cuba. Zayas (1989).  
 1245. *Metalectra tanamensis* Schaus 1916 E. Zayas (1989).
- Eublemminae
1246. *Eublemma cinnamomeum* (Herrich-Schäffer 1868). TL: Cuba. Becker (2002b), Núñez (2004a).  
 1247. *Eublemma minima* (Guenée 1852). Zayas (1989), Becker & Miller (2002).

1248. *Eublemma rectum* (Guenée 1852). Becker (2002b).  
*obliquialis* (Fabricius 1794) [hom. ]. Zayas (1989).  
*pallescens* (Herrich-Schäffer 1866). TL: Cuba.
- Phytometrinae
1249. *Aglonice otignatha* Hampson 1924. Zayas (1989), Núñez (2004a).  
1250. *Bradunia guanabana* Schaus 1916. Zayas (1989).  
1251. *Cecharismena abarusalis* (Walker 1859). Zayas (1989).  
1252. *Cecharismena cara* Möschler 1890. Zayas (1989), Núñez (2004a).  
*cubalis* (Schaus 1916). Zayas (1989).  
1253. *Cecharismena nectarea* Möschler 1890  
*nectaria* Möschler 1890, missp. Zayas (1989).  
1254. *Glympis arenalis* (Walker [1866]). Zayas (1989).  
1255. *Glympis concors* (Hübner 1823). Zayas (1989).  
1256. *Glympis eubolialis* (Walker [1866]). Zayas (1989).  
1257. *Glympis holothermes* Hampson 1926. Zayas (1989).  
1258. *Hemeroplanis apicigutta* Herrich-Schäffer 1869 E. Becker (2002b).  
1259. *Hemeroplanis scopulepes* (Haworth 1809). Zayas (1989), Núñez (2004a).  
1260. *Hemeroplanis zayasi* Todd 1960. TL: Cuba. Zayas (1989).  
1261. *Hormoschista latipalpis* (Walker 1858). Zayas (1989), Núñez (2004a).  
1262. *Isogona scindens* (Walker 1858). Zayas (1989).  
1263. *Janseodes melanospila* (Guenée 1852). Zayas (1989).  
1264. *Mursa gracilis* (Möschler 1890). Zayas (1989), Núñez (2004a).  
1265. *Mursa phtisialis* (Guenée 1854). Bendicho–López (1998).  
*phisialis* (Guenée 1854), missp. Zayas (1989).  
1266. *Mursa sotiusalis* (Walker 1859). Zayas (1989).  
1267. *Ommatochila mundula* (Zeller 1872). Zayas (1989), Núñez (2004a).  
1268. *Phytometra ernestinana* (Blanchard 1840), **new record** (IES).  
1269. "*Radara*" *nealcesalis* (Walker 1859). Zayas (1989), Núñez (2004a).
- Anobinae
1270. *Anoba pohli* Felder 1894. Zayas (1989).  
1271. *Baniana relapsa* (Walker 1858). Zayas (1989), Becker (2002b).  
*praeusta* Herrich-Schäffer 1868. TL: Cuba.  
*bifida* Herrich-Schäffer 1869, nomen nudum.  
*praecesta* Gundlach 1881, missp.  
1272. *Deinopa biligula* (Guenée 1852). Zayas (1989).
- Erebinae
1273. *Acanthodica grandis* Schaus 1894. Zayas (1989), Núñez (2004a).  
1274. *Achaea ablunaris* (Guenée 1852). Zayas (1989), Núñez (2004a).  
1275. *Argidia subvelata* (Walker 1865). Becker (2002b).  
*cubana* (Herrich-Schäffer 1870). TL: Cuba. Zayas (1989), Núñez (2004a).  
1276. *Ascalapha odorata* (Linnaeus 1758). Herrich-Schäffer (1868), Zayas (1989), Núñez (2004a).  
1277. *Bulia confirmans* Walker [1858]. Zayas (1989).  
1278. *Caenurgia chloropha* (Hübner 1818). Zayas (1989), Becker (2002b).  
*chlorophis* (Hübner 1818), missp. (Herrich-Schäffer 1869).  
1279. *Calyptis iter* Guenée 1852. Zayas (1989), Núñez (2004a).  
1280. *Celiptera cometophora* Hampson 1913. Zayas (1989).  
1281. *Celiptera frustulum* Guenée 1852. Zayas (1989).  
1282. *Celiptera levina* (Stoll 1782). Zayas (1989), Núñez (2004a).  
*aurinia* (Geyer 1832). TL: Cuba. Herrich-Schäffer (1868), Zayas (1989).  
1283. *Celiptera remigioides* Guenée 1852. Zayas (1989).  
1284. *Coenipeta bibitrix* (Hübner 1823). Zayas (1989), Núñez (2004a).  
1285. *Coenipeta medina* Guenée 1852. Zayas (1989).  
*celadon* (Herrich-Schäffer 1869). TL: Cuba. Núñez (2004a).



1286. *Doryodes insularia* Hampson 1914. Núñez (2003).
1287. *Dyops chromatophila* (Walker 1858)  
*ocellata* (Cramer 1780), homonym. Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989).
1288. *Elousa albicans* Walker [1858]. Zayas (1989).
1289. *Epidromia lienaris* (Hübner 1823). Becker (2001), (2002b).  
*pannosa* Guenée 1852. Zayas (1989).  
*rotundata* Herrich-Schäffer 1869. TL: Cuba. Zayas (1989).
1290. *Euclystis angularis* (Möschler 1886). Zayas (1989).
1291. *Euclystis guerini* (Guenée 1852). Zayas (1989).
1292. *Gonodontodes dispar* Hampson 1913<sup>40</sup>. Zayas (1989), Becker (2002b), Núñez (2004a).
1293. *Hemeroblemma numeria* (Drury [1773]). Herrich-Schäffer (1868), Zayas (1989).  
*rengus* (Poey 1832). TL: Cuba. Gundlach (1881).
1294. *Hemeroblemma opigena* (Drury 1773)  
*pandrosa* (Cramer 1776). Herrich-Schäffer (1868).  
*abadirina* (Guenée 1852). Herrich-Schäffer (1868).  
*apigena* (Drury 1773), missp. Zayas (1989).
1295. *Hemicephalis phoenicias* (Hampson 1926). Zayas (1989).
1296. *Itomia xyliina* Herrich-Schäffer 1869 E. Zayas (1989).
1297. *Kakopoda progenies* (Guenée 1852). Zayas (1989).
1298. *Latebraria amphipyroides* Guenée 1852. Zayas (1989).
1299. *Lesmone detrahens* (Walker 1858), **new record** (IES).
1300. *Lesmone formularis* (Zeller 1837). Zayas (1989), Becker & Miller (2002), Núñez (2004a).
1301. *Lesmone gurda* (Guenée 1852). Zayas (1989).
1302. *Lesmone hinna* (Geyer 1837). Becker & Miller (2002).
1303. *Letis hypnois* (Hübner [1821]). Zayas (1989).
1304. *Letis mycerina* (Cramer 1777). Zayas (1989), Núñez (2004a).
1305. *Letis xyliia* Guenée 1852. Zayas (1989).
1306. *Melipotis acontioides* (Guenée 1852). Zayas (1989), Becker (2002b).  
*penicillum* (Herrich-Schäffer 1868). TL: Cuba.
1307. *Melipotis contorta* (Guenée 1852). Zayas (1989), Núñez (2004a).
1308. *Melipotis famelica* (Guenée 1852). Zayas (1989), Becker (2002b).  
*leucamelana* (Herrich-Schäffer 1868). TL: Cuba. Zayas (1989).  
*striolaris* (Herrich-Schäffer 1868). TL: Cuba.
1309. *Melipotis fasciolaris* (Hübner [1831]). Zayas (1989), Núñez (2004a).  
*cunearis* (Guenée 1852). TL: Cuba. Herrich-Schäffer (1868).
1310. *Melipotis januaris* (Guenée 1852). Zayas (1989), Becker & Miller (2002), Becker (2002b), Núñez (2004a).  
*parvicolor* (Herrich-Schäffer 1868). TL: Cuba.  
*rectifascia* (Herrich-Schäffer 1868). TL: Cuba.
1311. *Melipotis ochrodes* (Guenée 1852). Zayas (1989).
1312. *Melipotis prolata* (Walker [1858]). Zayas (1989).
1313. *Metria acharia* (Stoll 1781). Zayas (1989).
1314. *Metria decessa* (Walker 1857). Zayas (1989).
1315. *Metria irresoluta* (Walker 1858). Zayas (1989), Núñez (2004a).
1316. *Mimophisma forbesi* Schaus 1940. Zayas (1989).
1317. *Mocis cubana* Hampson 1913. Zayas (1989).
1318. *Mocis diffluens* (Guenée 1852). Zayas (1989).
1319. *Mocis disseverans* (Walker 1858). Zayas (1989), Núñez (2004a).
1320. *Mocis latipes* (Guenée 1852). Zayas (1989), Núñez (2004a).
1321. *Mocis marcida* (Guenée 1852). Núñez (2004a).
1322. *Mocis repanda* (Fabricius 1794). Becker & Miller (2002).  
*megas* (Guenée 1852). Zayas (1989).
1323. *Ophisma tropicalis* Guenée 1852. TL: Cuba. Zayas (1989), Núñez (2004a).

1324. *Orodesma apicina* Herrich-Schäffer 1868. TL: Cuba. Zayas (1989).
1325. *Panula inconstans* Guenée 1852, **new record** (IES).
1326. *Pararcte immanis* (Walker 1858). Zayas (1989), Núñez (2004a).
1327. *Perasia garnoti* (Guenée 1852). Zayas (1989), Núñez (2004a).
1328. *Perasia helvina* (Guenée 1852). Zayas (1989), Becker (2002b).  
*helveola* (Herrich-Schäffer 1869). TL: Cuba.
1329. *Perasia lineolaris* (Hübner 1809). Zayas (1989), Núñez (2004a).
1330. *Polionycta attina* (Druce 1898). Zayas (1989), Núñez (2004a).
1331. *Ptichodis bistriga* (Herrich-Schäffer 1869) E. Zayas (1989), Becker (2002b), Núñez (2004a).
1332. *Ptichodis immunis* (Guenée 1852). Becker & Miller (2002).  
*immunis* (Guenée 1852), missp. Zayas (1989).
1333. *Selenisa suero* (Cramer 1777). Zayas (1989).
1334. *Selenisa sueroides* (Guenée 1852). Herrich-Schäffer (1868), Zayas (1989), Núñez (2004a).
1335. *Thysania zenobia* (Cramer 1777). Herrich-Schäffer (1868), Zayas (1989), Núñez (2004a).
1336. *Toxonprucha diffundens* (Walker 1858), **new record** (IES).
1337. *Tyrissa recurva* Walker 1866. Zayas (1989), Núñez (2004a).
1338. *Zale albidula* (Walker 1865). Zayas (1989).
1339. *Zale fictilis* (Guenée 1852). Zayas (1989), Núñez (2004a).
1340. *Zale lunata* (Drury [1773]). Núñez (2004a).  
*edusa* (Drury [1773]). Herrich-Schäffer (1868).
1341. *Zale peruncta incipiens* (Walker 1858). Todd (1978).
1342. *Zale setipes* (Guenée 1852). Herrich-Schäffer (1868), Zayas (1989).
- Eulepidotinae
1343. *Antiblemma harmodia* Schaus 1901 E. Zayas (1989).
1344. *Antiblemma inconspicuum* (Herrich-Schäffer 1870). TL: Cuba. Becker (2002b).
1345. *Antiblemma mundicola* (Walker 1865). Zayas (1989).
1346. *Antiblemma nannodes* Hampson 1926
1347. *Antiblemma punctistriga* (Herrich-Schäffer 1870) E. Becker (2002b), Núñez (2004a).  
*punctistriga* (Herrich-Schäffer 1870), missp. Zayas (1989).
1348. *Antiblemma rufinans* (Guenée 1852). Zayas (1989).  
*marita* (Schaus 1901). Zayas (1989).
1349. *Antiblemma sterope* (Stoll 1780). Zayas (1989), Becker (2002b).  
*costaeluna* (Herrich-Schäffer 1870). TL: Cuba.
1350. *Antiblemma versicolor* (Herrich-Schäffer 1870) E. Zayas (1989), Becker (2002b), Núñez (2004a).
1351. *Anticarsia gemmatalis* Hübner 1818. Herrich-Schäffer (1868), Zayas (1989), Becker (2002b), Núñez (2004a).  
*elegantula* (Herrich-Schäffer 1869). TL: Cuba. Zayas (1989).
1352. *Athyryma adjutrix* of authors (not Cramer 1780) <sup>41</sup>.  
*adjutrix* (Cramer 1780), mis. Zayas (1989), Núñez (2004a).
1353. *Azeta quassa* Walker 1858. Zayas (1989), Núñez (2004a).
1354. *Azeta versicolor* (Fabricius 1794).  
*repugnalis* (Hübner [1831]). Zayas (1989), Núñez (2004a).
1355. *Azeta uncas* Guenée 1852. Zayas (1989), Núñez (2004a).
1356. *Chamyna homichlodes* Hübner [1821], **new record** (IES).
1357. *Chamyna modesta* Schaus 1912. Zayas (1989).
1358. *Coenobela joha* (Druce 1898). Zayas (1989), Núñez (2004a).
1359. *Coenobela paucula* (Walker 1858). Zayas (1989), Núñez (2004a).
1360. *Dyomix inferior* (Herrich-Schäffer 1869). TL: Cuba. Zayas (1989), Becker (2002b).
1361. *Dyomix junio* Möschler 1890. Núñez (2004a).
1362. *Ephyrodes cacata* Guenée 1852. TL: Cuba. Zayas (1989), Becker & Miller (2002).
1363. *Ephyrodes omicron* Guenée 1852. Zayas (1989).
1364. *Epitaua coppersi* (Guenée 1852). Zayas (1989), Núñez (2004a).

1365. *Eulepidotis addens* (Walker 1858). Zayas (1989), Núñez (2004a).  
 1366. *Eulepidotis hebe* (Möschler 1890). Zayas (1989), Núñez (2004a).  
 1367. *Eulepidotis merricki* (Holland 1902). Núñez (2004a).  
     *striataria* (Cramer 1782), mis. Gundlach (1881), Zayas (1989).  
 1368. *Eulepidotis metamorpha* Dyar 1914. Zayas (1989), Núñez (2004a).  
 1369. *Eulepidotis modestula* (Herrich-Schäffer 1869). TL: Cuba. Becker & Miller (2002), Becker (2002b), Núñez (2004a).  
 1370. *Eulepidotis reflexa* (Herrich-Schäffer 1869)<sup>42</sup>, **sp. rev.**, E. Gundlach (1881).  
 1371. *Eulepidotis striaepuncta* (Herrich-Schäffer 1868). TL: Cuba. Zayas (1989), Núñez (2004a).  
 1372. *Glenopteris occulifera* Hübner [1821].  
     *oculata* (Stoll 1782), preoc. Zayas (1989).  
 1373. *Goniocarsia electrica* (Schaus 1894). Núñez (2004a).  
 1374. *Litoprosopus hatuey* (Poey 1832). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989).  
 1375. *Macrodes cynara* (Cramer 1775). Zayas (1989).  
 1376. *Manbuta pyraliformis* (Walker 1858). Zayas (1989).  
 1377. *Massala abdara* (Herrich-Schäffer [1869]). Zayas (1989).  
 1378. *Massala obvertens* (Walker 1858). Zayas (1989), Núñez (2004a).  
 1379. *Metallata absumens* (Walker 1862). Zayas (1989).  
 1380. *Phyprosopus pardan* Dyar 1921 E. Zayas (1989), Núñez (2004a).  
 1381. *Phyprosopus tristriga* (Möschler 1890). Becker (2002b).  
     *tristiga* Herrich-Schäffer 1868, nomen nudum  
     *albigutta* Herrich-Schäffer 1868, nomen nudum  
     *fastigiatus* Herrich-Schäffer 1868, nomen nudum. Zayas (1989).  
 1382. *Renodes aequalis* (Walker [1866]). Núñez (2004a).  
 1383. *Renodes eupithecioides* (Walker 1858). Zayas (1989).  
 1384. *Syllectra congemmalis* Hübner 1823. Zayas (1989), Núñez (2004a).  
 1385. *Syllectra erycata* (Cramer 1780). Zayas (1989), Becker & Miller (2002), Núñez (2004a).

## EUTELIIDAE

## Euteliinae

1386. *Eutelia ablatrix* (Guenée 1852). Zayas (1989).  
 1387. *Eutelia caustiplaga* Hampson 1905 E. Becker (2002b).  
 1388. *Eutelia furcata* (Walker 1865). Becker (2002b).  
     *blandula* (Herrich-Schäffer 1868). TL: Cuba. Zayas (1989), Núñez (2004a).  
 1389. *Paectes abrostoloides* (Guenée 1852). Zayas (1989).  
 1390. *Paectes arcigera* (Guenée 1852), **new record** (IES).  
 1391. *Paectes canofusa* (Hampson 1898). Zayas (1989).  
 1392. *Paectes devincta* (Walker 1858). Zayas (1989).  
 1393. *Paectes lunodes* (Guenée 1852). Zayas (1989).  
 1394. *Paectes obrotunda* (Guenée 1852). Zayas (1989).  
 1395. *Paectes vittata* (Möschler 1890). Zayas (1989).

## Stictopterinae

1396. *Nagara vitrea* (Guenée 1852). Zayas (1989), Núñez (2004a).

## NOLIDAE

## Nolinae

1397. *Nola baracoa* Schaus 1921 E. Zayas (1989).  
 1398. *Nola bistriga* (Möschler 1890), **new record** (IES).  
 1399. *Nola cereella* (Bosc [1800]).  
     *sorgiella* (Riley 1882). Zayas (1989).  
 1400. *Nola cubensis* Schaus 1921 E. Zayas (1989), Núñez (2004a).  
 1401. *Nola folgona* Schaus 1921 E. Zayas (1989).

## Chloephorinae

1402. *Garella nilotica* (Rogenhofer 1881). Zayas (1989), Núñez (2004a).  
 1403. *Iscadia aperta* Walker 1857. Zayas (1989), Núñez (2004a).  
 1404. *Iscadia furcifera* (Walker 1865). Zayas (1989).

## Collomeninae

1405. *Collomena filifera* (Walker 1857). Zayas (1989), Becker & Miller (2002).  
 1406. *Concana mundissima* Walker [1858]. Zayas (1989), Núñez (2004a).  
 1407. *Motya abseuzalis* Walker 1859. Zayas (1989), Núñez (2004a).  
 1408. *Motya ferrocana* (Walker 1857). Zayas (1989).

## Afridinae

1409. *Afrida charientisma* Dyar 1913. TL: Cuba. Forbes (1930), Zayas (1989).  
 1410. *Afrida cosmioграмма* Dyar 1913 E. Zayas (1989).  
 1411. *Afrida interdicta* Dyar 1913 E. Zayas (1989).

## NOCTUIDAE

## Plusiinae

1412. *Argyrogramma verruca* (Fabricius 1794). Zayas (1989), Núñez (2004a).  
 1413. *Autoplusia egena* (Guenée 1852). Zayas (1989).  
 1414. *Chrysodeixis includens* (Walker [1858]). Zayas (1989).  
 1415. *Ctenoplusia calceolaris* (Walker [1858]). Zayas (1989), Becker (2002b), Núñez (2004a).  
*incrassata* (Herrich-Schäffer 1868). TL: Cuba.  
 1416. *Ctenoplusia oxygramma* (Geyer 1832). Zayas (1989), Becker (2002b).  
*collateralis* (Herrich-Schäffer 1868). TL: Cuba.  
 1417. *Enigmogramma admonens* (Walker [1858]). Zayas (1989), Becker (2002b).  
*binotula* (Herrich-Schäffer 1868). TL: Cuba. Núñez (2004a).  
 1418. *Enigmogramma antillea* Becker 2001. TL: Cuba.  
 1419. *Enigmogramma basigera* (Walker 1865). Núñez (2004a).  
 1420. *Mouralia tinctorides* (Guenée 1852), **new record** (IES).  
 1421. *Notioplusia illustrata* (Guenée 1852). Becker (2002b), Núñez (2004a).  
*egenella* (Herrich-Schäffer 1868). TL: Cuba.  
*illustrata* (Guenée 1852), missp. Zayas (1989).  
 1422. *Rachiplusia ou* (Guenée 1852). Zayas (1989).  
 1423. *Trichoplusia ni* (Hübner [1803]). Zayas (1989), Becker (2002b).  
*innata* (Herrich-Schäffer 1868). TL: Cuba.

## Bagisarinae

1424. *Amyna axis* (Guenée 1852)  
*octo* (Guenée 1852). Zayas (1989).  
 1425. *Bagisara repanda* (Fabricius 1793). Núñez (2004a).  
*subusta* (Hübner [1803]). Zayas (1989).  
*inusta* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881).  
 1426. *Bagisara tristicta* (Hampson 1898). Zayas (1989).

## Cydotiinae

1427. *Cydotia nobilitella* (Cramer 1779). Grote (1865b), Gundlach (1881), Zayas (1989), Becker & Miller (2002), Núñez (2004a).

## Eustrotiinae

1428. *Chobata discalis* Walker [1858]. Zayas (1989).  
 1429. *Cobubatha metaspilaris* Walker 1863. Becker (2002b).  
*minima* (Herrich-Schäffer 1868). TL: Cuba.  
 1430. *Eustrotia girba* Druce 1889, **new record** (IES).  
 1431. *Marimatha tripuncta* (Möschler 1890)<sup>43</sup>. Ferris & Lafontaine (2010).  
 1432. *Marimatha botyoides* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881).  
 1433. *Marimatha obliquata* (Herrich-Schäffer 1868) E. (Guenée 1852). Gundlach (1881), Zayas (1989), Becker (2002b).

1434. *olivacea* Grossbeck 1917. Zayas (1989).  
 1435. *ripudia grapholitoides* (Möschler 1890). Pogue (2009).  
 1436. *Tripudia lamina* Pogue 2009. TL: Cuba.  
 1437. *Tripudia luda* (Druce 1898), **new record** (IES).
- Acontiinae  
 1438. *Ponometia bicolorata* (Barnes & McDunnough 1912), **new record** (IES).  
 1439. *Ponometia exigua* (Fabricius 1793). Becker (2002b).  
     *costalis* (Walker [1858]). Zayas (1989).  
     *ochricosta* Herrich-Schäffer 1868. TL: Cuba.  
     *indubitans* (Walker 1857). Zayas (1989).  
 1440. *Ponometia semiflava* (Guenée 1852), **new record** (IES).  
 1441. *Ponometia septuosa* (Blanchard & Knudson 1986), **new record** (IES).  
 1442. *Spragueia apicalis* (Herrich-Schäffer 1868). TL: Cuba. Zayas (1989), Becker (2002b), Núñez (2004a).  
 1443. *Spragueia dama* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989).  
 1444. *Spragueia margana* (Fabricius 1794). Zayas (1989).  
 1445. *Spragueia pantherula* (Herrich-Schäffer 1868) E. Gundlach (1881), Hampson (1910), Zayas (1989), Becker (2002b).  
     *uncinula* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881).  
 1446. *Spragueia perstructana* (Walker 1865). Zayas (1989), Becker (2002b), Núñez (2004a).  
     *felina* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881).  
     *trigrídula* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881).  
 1447. *Tarache isolata* (Todd 1960) E. Zayas (1989).  
 1448. *Tarache tetragona* (Walker [1858]). Zayas (1989).  
     *aprica* (Hübner [1808]), mis. Herrich-Schäffer (1868), Gundlach (1881).
- Diphtherinae  
 1449. *Diphthera festiva* (Fabricius 1775). Núñez (2004a).  
     *hieroglyphica* (Cramer 1777). Zayas (1989).  
     *fastuosa* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881).
- Acronictinae  
 1450. *Chytonidia chloe* Schaus 1914  
     *cloristis* Schaus 1924, missp. Zayas (1989).  
     *chloristis* Schaus 1924. Núñez (2004a).  
 1451. *Simyra insularis* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881), Becker (2002b).  
     *henrici* (Grote 1873). Zayas (1989).
- Amphipyridinae  
 1452. *Cropia connecta* (Smith 1894). Zayas (1989).  
 1453. *Cropia indigna* (Walker [1858]). Zayas (1989), Núñez (2004a).  
 1454. *Cropia infusa* (Walker [1858]). Zayas (1989).  
 1455. *Cropia subapicalis* (Walker 1858). Zayas (1989), Núñez (2004a).  
 1456. *Cropia templada* (Schaus 1906)  
     *templada* (Schaus 1906), missp. Zayas (1989).  
 1457. *Fracara viridata* (Stoll 1782). Zayas (1989).  
 1458. *Metaponpneumata rogenhoferi* Möschler 1890  
     *daria* (Druce 1898). Zayas (1989).  
 1459. *Paratrachaea berylloides* (Hampson 1908). Zayas (1989), Núñez (2004a).
- Oncocnemidinae  
 1460. *Antachara diminuta* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989).  
 1461. *Catabenoides vitrinus* (Walker 1857). Zayas (1989), Becker (2002b).  
     *divisus* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881), Zayas (1989).  
 1462. *Neogalea sunia* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881), Núñez (2004a).
- Agaristinae  
 1463. *Caularis lunata* Hampson 1904. Todd (1966), Zayas (1989).

1464. *Eudryas unio* (Hübner [1831]) S. Todd (1966), Zayas (1989).
1465. *Euscirrhopterus poeyi* Grote 1866. TL: Cuba. Gundlach (1881), Todd (1966), Zayas (1989), Becker (2002b).  
*disparilis* (Herrich-Schäffer 1866). TL: Cuba.
1466. *Neotuerta hemicycla* (Hampson 1904). Todd (1966), Zayas (1989).
1467. *Neotuerta sabulosa collectiora* (Todd 1966) E. Zayas (1989).
1468. *Seirocastnia tribuna* (Hübner [1821]). TL: Cuba. Grote (1866), Gundlach (1881), Zayas (1989).
- Condi cinae
1469. *Condica albigera* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989), Núñez (2004a).
1470. *Condica berinda* Druce 1889. (Möschler 1886). Zayas (1989), Núñez (2004a).
1471. *Condica circuita* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881), Núñez (2004a).  
*pupula* (Möschler 1886). Zayas (1989).
1472. *Condica concisa* (Walker 1856). Zayas (1989).
1473. *Condica cupentia* (Cramer 1780). Zayas (1989), Núñez (2004a).  
*infelix* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881).
1474. *Condica mimica* Hampson 1908. Zayas (1989).
1475. *Condica mobilis* (Walker [1857]), **new record** (IES).
1476. *Condica punctifera* (Walker [1857]). Zayas (1989), Becker (2002b).  
*plumbago* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881).
1477. *Condica selenosa* Guenée 1852. Zayas (1989), Núñez (2004a).
1478. *Condica stelligera* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881).
1479. *Condica subaurea* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881).
1480. *Condica subornata* Walker 1865. Zayas (1989).
1481. *Condica sutor* (Guenée 1852). Zayas (1989), Núñez (2004a).  
*apameoides* (Guenée 1852). Zayas (1989).
1482. *Homophoberia apicosa* (Haworth [1809]). Zayas (1989).
1483. *Micrathetis dasarada* (Druce 1898). Hampson (1909).
1484. *Micrathetis triplex* (Walker 1857). Zayas (1989).
1485. *Perigea funerea* Schaus 1911. Zayas (1989).
1486. *Perigea glaucoptera* (Guenée 1852). Zayas (1989).
1487. *Perigea pectinata* (Herrich-Schäffer 1868). TL: Cuba. Becker (2002b).
- Heliothinae
1488. *Helicoverpa zea* (Boddie 1850). Zayas (1989), Núñez (2004a).
1489. *Heliothis subflexa* (Guenée 1852). Zayas (1989).
1490. *Heliothis virescens* (Fabricius 1777). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989), Núñez (2004a).
- Eriopinae
1491. *Callopietria floridensis* (Guenée 1852). Zayas (1989), Becker (2002b), Núñez (2004a).  
*elegantulus* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881).
1492. *Callopietria jamaicensis* (Möschler 1886). Zayas (1989), Núñez (2004a).
1493. *Callopietria mollissima* (Guenée 1852). Zayas (1989).
- Noctuinae
1494. *Agrotis apicalis* Herrich-Schäffer 1868. TL: Cuba. Gundlach (1881), Becker (2002b), Núñez (2004a).
1495. *Agrotis malefida* Guenée 1852. Zayas (1989), Núñez (2004a).
1496. *Anarta florida* (Smith 1900). Zayas (1989).
1497. *Anicla infecta* (Ochsenheimer 1816). Zayas (1989), Núñez (2004a).  
*incisa* (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881).
1498. *Bellura matanzasensis* (Dyar 1922) E.
1499. *Dargida quadrannulata* (Morrison 1876). Zayas (1989).
1500. *Dypterygia lignaris* (Schaus 1898). Zayas (1989).
1501. *Dypterygia ordinarius* (Butler 1879). Núñez (2004a).

1502. *Elaphria agrotina* (Guenée 1852). TL: Cuba. Zayas (1989), Becker (2002b).  
*arnoides* (Herrich-Schäffer 1868). TL: Cuba. Zayas (1989).
1503. *Elaphria deliriosa* (Walker 1857). Zayas (1989).
1504. *Elaphria deltoides* (Möschler 1880). Hampson (1909), Zayas (1989), Núñez (2004a).
1505. *Elaphria devara* (Druce 1898). Zayas (1989).
1506. *Elaphria guttula* (Herrich-Schäffer 1868). Gundlach (1881), Becker (2002b).  
*subobliqua* (Walker 1858), mis. Zayas (1989), Núñez (2004a).
1507. *Elaphria haemassa* (Hampson 1909) E.
1508. *Elaphria hypophaea* (Hampson 1920). Zayas (1989).
1509. *Elaphria nucicolora* (Guenée 1852). Zayas (1989), Becker & Miller (2002), Becker (2002b).  
*contraria* (Herrich-Schäffer 1868)
1510. *Feltia repleta* Walker 1857. Becker (2002b).  
*submucosa* Herrich-Schäffer 1868. TL: Cuba. Gundlach (1881).
1511. *Feltia subterranea* (Fabricius 1794). Zayas (1989), Núñez (2004a).  
*annexa* Treitschke 1825. Herrich-Schäffer (1868), Gundlach (1881).
1512. *Galgula partita* Guenée 1852. Hampson (1909).
1513. *Glaucicodia leuconephra* Hampson 1910 E. Zayas (1989), Núñez (2004a).
1514. *Gonodes trapezoides* (Herrich-Schäffer 1868). TL: Cuba. Zayas (1989), Becker (2002b).  
*liquida* (Möschler 1886). Zayas (1989), Núñez (2004a).
1515. *Iodopepla alayoi* Todd 1964 E. Zayas (1989).
1516. *Lacinipolia calcaricosta* Todd & Poole 1981. TL: Cuba.
1517. *Lacinipolia distributa* (Möschler 1886). Todd & Poole (1981).
1518. *Lacinipolia parvula* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881), Todd & Poole (1981), Zayas (1989), Becker (2002b), Núñez (2004a).
1519. *Leucania chejela* (Schaus 1921). Adams (2001).
1520. *Leucania clarescens* Möschler 1890. Adams (2001).  
*secta* (Herrich-Schäffer 1868), mis. Gundlach (1881).  
*rosea* (Möschler 1880), mis. Zayas (1989).
1521. *Leucania dorsalis* Walker 1856. Adams (2001), Becker & Miller (2002), Núñez (2004a).
1522. *Leucania educata* Adams 2001 E
1523. *Leucania humidicola* Guenée 1852. Zayas (1989).
1524. *Leucania incognita* (Barnes & Mc Dunnough 1918). Adams (2001).  
*cinereicollis* (Hampson 1905), mis. Zayas (1989).
1525. *Leucania inconspicua* Herrich-Schäffer 1868. TL: Cuba. Gundlach (1881), Zayas (1989), Adams (2001), Becker (2002b).
1526. *Leucania latiuscula* Herrich-Schäffer 1868. TL: Cuba. Gundlach (1881), Zayas (1989), Adams (2001), Becker (2002b).  
*jaliscana* Schaus 1898. Zayas (1989).
1527. *Leucania lobrega* Adams 2001. TL: Cuba.
1528. *Leucania rawlinsi* Adams 2001. TL: Cuba.
1529. *Leucania secta* Herrich-Schäffer 1868. TL: Cuba. Zayas (1989), Adams (2001), Becker (2002b).  
*hampsoni* (Schaus 1940). Zayas (1989).
1530. *Leucania senescens* Möschler 1890. Adams (2001), Núñez (2004a).
1531. *Leucania toddi* Adams 2001 E
1532. *Magusa orbifera* (Walker 1857). Zayas (1989).
1533. *Mamestra soligena* Möschler 1886. Zayas (1989), Núñez (2004a).
1534. *Marilopteryx lamptera* (Druce 1890). Núñez (2003).
1535. *Marilopteryx lutina* (Smith 1902). Zayas (1989).
1536. *Mythimna sequax* (Franclemont 1951). Zayas (1989).
1537. *Mythimna unipuncta* (Haworth 1809). Zayas (1989).
1538. *Neophaenis respondens* (Walker 1858). Zayas (1989).
1539. *Orthodes jamaicensis* Hampson 1905. Becker (2002b).

1540. *Orthodes majuscula* Herrich-Schäffer 1868. TL: Cuba. Gundlach (1881), Becker (2002b).  
*vesquesa* (Dyar 1913). Zayas (1989), Núñez (2004a).
1541. *Peridroma saucia* (Hübner [1808]). Zayas (1989).
1542. *Phuphena tura* (Druce 1889)  
*obliqua* (Smith 1900). Zayas (1989).
1543. *Prasinopyra metacausta* (Hampson 1910) E. Zayas (1989).
1544. *Sesamia cretica* Lederer 1857 <sup>44</sup> I, **new record** (IES).
1545. *Speocropia scriptura* (Walker 1858). Zayas (1989), Núñez (2004a).
1546. *Speocropia trichroma* (Herrich-Schäffer 1868) E. Gundlach (1881), Zayas (1989), Becker (2002b).
1547. *Spodoptera albula* (Walker 1859).  
*sunia* (Guenée 1852), mis. Bruner *et al.* (1975).
1548. *Spodoptera androgea* (Stoll 1782). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989), Núñez (2004a).
1549. *Spodoptera dolichos* (Fabricius 1794). Zayas (1989), Núñez (2004a).
1550. *Spodoptera eridania* (Stoll 1782). (Guenée 1852). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989).
1551. *Spodoptera frugiperda* (Smith 1797). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989), Núñez (2004a).
1552. *Spodoptera latifascia* (Walker 1856). Zayas (1989), Becker & Miller (2002).
1553. *Spodoptera ornithogalli* (Guenée 1852). Zayas (1989), Núñez (2004a).
1554. *Spodoptera pulchella* (Herrich-Schäffer 1868). TL: Cuba. Gundlach (1881), Zayas (1989), Becker (2002b).
1555. *Tandilia rodea* (Schaus 1894), **new record** (IES).
1556. *Tiracola grandirena* (Herrich-Schäffer 1868). Gundlach (1881), Becker (2002b).  
*plagiata* (Walker 1857), mis. Zayas (1989).
1557. *Xanthopastis timais* (Cramer 1780). Herrich-Schäffer (1868), Gundlach (1881), Zayas (1989), Núñez (2004a).

## Notes

1. A number of unidentified specimens of Tischeriidae, Bucculatricidae, Coleophoridae, Momphidae, Alucitidae, Carposinidae, and Immidae were reported from Cuba by Alayo & Valdés (1982) and Zayas (1989).
2. Specimens representing nine additional species of Psychidae are present in the IES and USNM collections, including five new species of *Kearfottia* Fernald (Naryciinae) (Davis & Núñez, in preparation). Two undescribed *Paucivena*, one *Cryptothelea*, and a new genus are also present. The latter is an entity of unknown affinities with larval and pupal biology similar to that of Arrhenophaninae, now placed in Psychidae and absent from the West Indies (Davis 2003, Mutanen *et al.* 2010), but with both larval and pupal morphology closer to that of the more advance members of the family.
3. This species was known only from larval cases and partial pupal remains. Examination of new material, including larvae and complete female pupal exuviae, places it in *Paucivena* following characters given by Núñez (2006).
4. Specimens representing at least 10 additional species of *Acrolophus* are present in the IES collection.
5. The first known specimens of this European species were collected in 2007 at Pico Turquino, the highest Cuban peak (1972 m). Although the locality was visited several times by early workers, the species wasn't recorded. The species probably reached Cuba together with its hostplant, strawberry (*Fragaria vesca*), which was originally imported from Europe and has escaped from cultivation and now is present in many places including the Turquino massif. Damage by *S. festaliella* to *Rubus turquinensis*, a local endemic shrub, was observed at the site.
6. Bruner *et al.* (1975) cited this Old World species from specimens reared in imported wood. There are no further records.
7. This species and *Heraclides cresphontes* (Cramer 1777) have been confused since 19<sup>th</sup> century and consequently the latter has been cited as a member of the Cuban faunan in several works (e.g., Gundlach 1881, Alayo & Hernández, Smith *et al.* 1994). However, Torre (1964) showed through comparison of extensive specimens, including genitalic dissections, that only *H. thoas oviedo* is present in Cuba.



8. Strays of this North American species have been found a few times in Cuba (Alayo & Hernández 1987).
9. A single stray of this species, collected at northwestern coast, is known from Cuba (Riley 1975).
10. Following Plotz (1883), Alayo & Hernández (1987) mentioned that Poey may have collected a specimen of *Callimormus radiola* (Mabille 1878) at an unknown location in Cuba. They and Smith *et al.* (1994) could not find additional Cuban or Greater Antillean specimens. Due to uncertainty and antiquity of the record, we exclude it from the current list.
11. A female designed as a paratype was collected in Cuba; however, this species has not been collected again on Cuba.
12. A single specimen from Cuba, probably an stray from Florida, is recorded and illustrated by Riley (1975).
13. This species was recently collected at its type locality, Iberia, near Baracoa, northeastern Cuba. The collection included the first known males. Genitalic dissection showed differences with *B. braco* confirming its specific status as suspected by Alayo & Hernández (1987) and Smith *et al.* (1994) based on habitat differences and the structure of female genitalia. Besides its larger size, males also lack the small pale markings at upperside of forewing which are present in *B. braco* males. Riley (1975) had suggested that the female type was an unusually large female of *B. braco*.
14. Apparently known from a single specimen, a stray from the continent (Alayo & Hernández 1987, Smith *et al.* 1994).
15. Mielke & Casagrande (2002) assign the Antillean populations to the subspecies *leo*, elevating *savigny* to specific status ; the latter has a very different geographic distribution.
16. A few strays, probably from Florida, have been collected on the northwestern coast of Cuba (Alayo & Hernández 1987).
17. Lamas (2004) places *boisduvaliana* in synonymy with *arbela*, but the proposed synonymy is unpublished (A. Warren pers. comm.).
18. Alayo & Hernández (1987) recorded two specimens, probably vagrants from Mexico, collected in 1909.
19. Riley (1975) mentioned that this species occurred near Habana in 1933 and 1934. Alayo and Hernandez (1987) noted its occasional capture on Cuba for many years and that it had become abundant at Santiago de la Vegas, La Habana province, in the spring of 1971. No recent records are known.
20. Torre (1971) refers to an unidentified individual of *Calephelis* collected near Guantánamo, eastern Cuba, deposited in the USNM. Smith *et al.* (1994) searched for that specimen without success and commented that it was unlikely that such a sedentary insect could stray, unassisted, from the mainland. Following them, we exclude it from the list.
21. Alayo & Hernández (1987) recorded a single specimen, however, it wasn't labeled. There are no others records of this continental species.
22. Bates (1935) reported a specimen of *Philaethria dido* (Linnaeus 1763) deposited in the MCZ collection and labeled Cuba. Bates (1935) also mentioned that it apparently inhabits Hispaniola. Riley (1975), Alayo & Hernández (1987) and Smith *et al.* (1994) concluded that it was almost certainly absent from Cuba. Without additional records and following the most recent authors, we remove it from the present list. This species resembles *Siproeta stelenes biplagiata*, another nymphalid abundant in Cuba.
23. A single specimen, most likely a stray from Hispaniola or Jamaica, is known from Cuba (Alayo & Hernández 1987).
24. Alayo & Hernández (1987) recorded occasional strays from western Cuba which likely originate from the southern United States.
25. A specimen of *Anartia lytrea* Godart 1819 is present in the Gundlach collection deposited in the IES. However, Alayo & Hernández (1987) noted that its presence in Cuba is dubious. Smith & Hernández (1992) recorded an individual from Pinar del Río Province, western Cuba, but without a voucher specimen. We remove it from the list until verified records based on specimens are discovered.
26. Alayo & Hernández (1987) reported that occasional strays have collected in eastern Cuba since 1943. Occasional recent sightings are also reported by Smith *et al.* (1994).
27. Occasional strays of this North American species were recorded by Torre (1943), Alayo & Hernández (1987), and Núñez & Barro (2003).
28. Only two species of *Calisto* were recognized from Cuba until recent times, *C. herophile* Hübner and *C. sibylla* Bates (Smith *et al.* 1994, Lamas 2004, Sourakov & Zakarov 2011). Núñez (2009) confirmed the specific status

of *Calisto israeli* Torre, and Núñez *et al.* (2012) reviewed the Cuban taxa, recognizing eight species, a treatment that we follow here.

29. Becker (2002b), following a statement made by Dyar (1914), confused this species with *Eulepidoptis reflexa* (see Note 40). The latter is a noctuid described by Herrich-Schäffer whose type specimen could not be found in the IES collection (V. Becker, personal communication). Specimens identified as *L. irrenosa* have been collected recently and are recorded here from Cuba for the first time.
30. This Old World species was intentionally introduced in the first decades of the 1900s, but after a few years it was never seen again (Bruner *et al.* 1975, Zayas 1989).
31. Zayas (1989) mentioned the introduction of this species into Cuba. No specimens have been found in collections we reviewed, and there are not other records.
32. Zayas (1989) noted the collection of strays of this continental species in Cuba without further details.
33. The record of *Hyles tithymali* (Boisduval 1834) is based on the description of *H. calverleyi* (Grote 1865), which is now considered a synonym. The latter was described from a unique specimen labeled “Cuba”. This specimen was either mislabeled or came on a ship to Cuba from the Old World; the Canary Islands are the type locality of *tithymali*. No other specimens have been collected in Cuba since its description (Kitching & Cadiou 2000).
34. The epithet *incolorata* was used by Prout (1910) as a South American subspecies of *Phrygionis paradoxa* (Guenée 1857). Scoble (1994) inverted the Prout (1910) combination (i.e., *Phrygionis incolorata paradoxata*) which conflicts with the Principle of Priority (Art. 23 ICZN). Scoble (1994) recorded it from Cuba.
35. A box at the USNM contains specimens accompanied by a hand-written label by Charles Covell, Jr. in 1997, indicating the possible conspecificity of this species with *L. crossi*.
26. Zayas (1989) included *Correbidia lycoides* Walker 1854, a continental species, in his list of the Cuban fauna. It is likely that he followed Hampson (1898), who erroneously synonymized the Cuban *Correbia subochrea* with it, a fact noted by Becker (2002b). See also note 37.
37. Hampson (1898) recorded this species from Cuba; however, there are not further records in the reviewed literature.
38. Hampson (1898) recorded this species from Cuba; however, none of the Cuban lepidopterists ever collected it.
39. Becker (2002b) was unable to find the type of this species in the IES collection and synonymized it with *Correbidia terminalis* (Walker). His proposed change probably was influenced by the treatment of Hampson (1898) who synonymized *Correbia subochrea*, the original name, under *Correbia lycoides* (Walker). Although the type of *L. subochrea* is now lost, recent collected specimens match Gundlach’s (1881) description and show a great resemblance with *Lymire edwardsii*. Whether the two are conspecific will require additional future work.
40. The specific epithet *dispar* as used by Herrich-Schäffer was a nomen nudum that Hampson (1913) made available. Hampson (1913) also designated the species as the type of his new genus *Gonodontodes*. On the same page but before the description of *G. dispar*, Hampson described a new species from Jamaica, *G. chionosticta*. There is a series of 28 specimens in the IES collection that shows a complete mix of the diagnostic characters (e.g., wing length, presence/absence of a white dot at the forewing base, forewing maculation, presence/absence of an excision below the forewing apex, etc.) used by Hampson to separate the two species. Thus, we designate here *Gonodontodes chionosticta* Hampson 1913, **syn. nov.**, as a synonym of *Gonodontodes dispar* Hampson 1913.
41. We follow Lafontaine & Schmidt (2010) who mentioned a species inhabiting South Florida and the Caribbean with an elongated dumbbell-shaped reniform spot that resembles *A. adjutrix* but in fact represents an undescribed species.
42. Becker (2002b) erroneously transferred this species to Chrysauginae (Pyralidae) and synonymized it with *Lepidomys irrenosa*, see species 448. The type specimen, labeled “489” in the Gundlach collection in IES, matches Gundlach’s (1881) description and confirms Poole’s (1989) treatment which is followed here. Recently collected specimens are also deposited in the IES collection.
43. Both *Marimatha aurifera* (Walker 1862) and *Marimatha nigrofimbria* (Guenée 1852) are misidentifications by Zayas (1989) and are excluded from the list. The first is a South American species that lacks a frontal tubercle and has very different genitalia; the distributional range of the second includes only southern Mexico and United States (Ferris & Lafontaine 2010).

44. This species was accidentally introduced from Italy in the 1950s. Larvae arrived in stalks of *Sorghum vulgare* = *S. bicolor* (label data).

## Acknowledgments

We thank Andrew Warren and Bernard Landry who kindly reviewed the butterflies and skippers, and the microlepidoptera, respectively. Don Harvey and Patricia Gentili-Poole provided access to families under their care (i.e., Notodontidae, Arctiinae, Sematuridae, Uraniidae, and Geometridae) at the USNM. Alma M. Solis helped with the identification of several Musotiminae species (Crambidae), and John W. Brown kindly check the Tortricidae, adding several new records to the Cuban fauna. We also thank all of the staff that supported us at the Cuban protected areas where we worked during the last ten years. Field work at the Turquino National Parks was partially funded by Rufford Small Grants (grant 8909-1). Finally, we acknowledge the assistance of two reviewers, Vitor O. Becker and Don R. Davis, who provided helpful comments on manuscript, improving its quality.

## References

- Adams, M.S. (2001) A revision of the moth genus *Leucania* Ochsenheimer in the Antilles (Insecta, Lepidoptera, Noctuidae). *Annals of Carnegie Museum*, 70 (3), 179–220.
- Adamski, D. & Brown, J.W. (2001) Systematic revision of the *Ecdytolopha* group of genera (Lepidoptera, Tortricidae, Grapholitini) in the New World. *Entomologica Scandinavica Supplement*, 58, 1–86.
- Anweiler, G.G. (2009) Revision of the New World *Panthea* Hübner (Lepidoptera, Noctuidae) with descriptions of 5 new species and 2 new subspecies. *ZooKeys*, 9, 97–134.
- Alayo, P. & Hernández, L.R. (1987) *Atlas de las mariposas diurnas de Cuba (Lepidoptera, Rhopalocera)*, Científico-Técnica, La Habana, 186 pp.
- Alayo, P. & Valdés, E. (1974) Notas sobre Lepidópteros de Cuba I. *Poeyana*, 139, 1–11.
- Alayo, P. & Valdés, E. (1976) Notas sobre Lepidópteros de Cuba II. *Serie Biológica*, 65, 1–7.
- Alayo, P. & Valdés, E. (1982) *Lista anotada de los microlepidópteros de Cuba*, Academia de Ciencias de Cuba, La Habana, 122 pp.
- Austin, G.T. & Warren, A.D. (2002) Taxonomic notes on some Neotropical skippers (Lepidoptera, Hesperidae, Pyrrhopyginae and Pyrginae). *Dugesiana*, 9 (2), 15–49.
- Barnes, M.J. (2001) *Moths of Jamaica*. Available from: <http://members.fortunecity.co.uk/jamaicamoth/> (accessed January 1<sup>st</sup> 2012).
- Bates, D.M. (1935a) The butterflies of Cuba. *Bulletin of the Museum of Comparative Zoology*, 78(2), 63–258.
- Bates, D.M. (1939) Notes on Cuban butterflies II. *Memorias de la Sociedad cubana de Historia natural*, 13 (1), 1–4.
- Becker, V.O. (2001) The identity of *Hemeroblemma lienaris* Hübner and a review of the neotropical moths of the *pannosa*-complex of *Epidromia* Guenée (Noctuidae, Catocalinae). *Revista Brasileira de Zoologia*, 18 (3), 961–964.
- Becker, V.O. (2002a) The Geometroidea (Lepidoptera) from Cuba described by Herrich-Schäffer in the Gundlach Collection, Havana. *Revista Brasileira de Zoologia*, 19 (2), 393–417.
- Becker, V.O. (2002b) The Noctuoidea (Lepidoptera) from Cuba described by Herrich-Schäffer and Gundlach in the Gundlach Collection, Havana. *Revista Brasileira de Zoologia*, 19 (2), 349–391.
- Becker, V.O. & Miller, S.E. (2002) The large moths of Guana Island, British Virgin Islands, a survey of efficient colonizers (Sphingidae, Notodontidae, Noctuidae, Arctiidae, Geometridae, Hyblaeidae, Cossidae). *Journal of the Lepidopterists' Society*, 56 (1), 9–44.
- Bendicho-López, A. (1998) New distributional and foodplant records for twenty Cuban moths. *Journal of the Lepidopterists' Society*, 52 (2), 214–216.
- Brown, F.M. & Heineman, B. (1972) *Jamaica and its butterflies*, EW Classey Ltd., London, xv + 478 pp.
- Brown, J.W. & Brown, R.L. (2004) A new species of *Cryptaspasma* (Lepidoptera, Tortricidae, Olethreutinae) from Central America, the Caribbean, and southeastern United States, with a catalog of the world fauna of Microcorsini. *Proceedings of the Entomological Society of Washington*, 106, 288–297.
- Busck, A. (1934) Microlepidoptera of Cuba. *Entomologica Americana*, 13 (4), 151–202.
- Bruner, S.C., Scaramuzza, L.C. & Otero, A. (1975) *Catálogo de los insectos que atacan a las plantas económicas de Cuba*, Ministerio de Agricultura, La Habana, 246 pp.
- Capps, H.W. (1948) Status of the pyraustid moths of the genus *Leucinoides* in the New World with descriptions of new genera and species. *Proceedings of the United States National Museum*, 98 (3223), 69–83.
- Capps, H.W. (1967) Review of some species of *Loxostege* Hübner and descriptions of new species (Lepidoptera, Pyraustidae, Pyraustinae). *Proceedings of the United States National Museum*, 120 (3561), 1–75.

- Chong, A. & La Rosa, J. (1986) El minador de los frutos, una nueva plaga de los cítricos en Cuba. *Ciencia y Tecnología Agrícola*, 9, 121–126.
- Clark, J.F.G. (1971) Neotropical Microlepidoptera XIX, Notes on and New Species of Oecophoridae (Lepidoptera). *Smithsonian Contributions to Zoology*, 95, 1–39.
- Cook, M.A. & Scoble, M.J. (1995) Revision of the neotropical genus *Oospila* Warren (Lepidoptera, Geometridae). *Bulletin of the Natural History Museum (Entomology)*, 64, 1–115.
- Davis, D.R. (1964) Bagworm moths of the Western Hemisphere. *Bulletin of the United States National Museum* 244, 1–233.
- Davis, D.R. (1975) A review of the West Indian moths of the family Psychidae with descriptions of new taxa and immature stages. *Smithsonian Contributions to Zoology* 188, 1–68.
- Davis, D.R. (1986) Neotropical Tineidae, III, The geographical origins and systematic relationships of two species questionably attributed to the Americas. *Proceedings of the Entomological Society of Washington*, 88 (4), 734–739.
- Davis, D.R. (1987) Neotropical Tineidae, IV, Three new *Acrolophus* species from Cuba and the rediscovery of *Acrolophus niveipunctatus* Wlsm. (Lepidoptera). *Proceeding of the Entomological Society of Washington*, 89 (2), 275–283.
- Davis, D.R. (1998) A world classification of the Harmacloninae, a new subfamily of Tineidae (Lepidoptera, Tineoidea). *Smithsonian Contributions to Zoology*, 597, 1–81.
- Davis, D.R. (2003) A monograph of the family Arrhenophanidae (Lepidoptera, Tineoidea). *Smithsonian Contributions to Zoology*, 620, 1–80.
- Davis, D.R. & Davis, M. (2007) Neotropical Tineidae, V, A new genus and species of Tineidae associated with social Hymenoptera and re-examination of two poorly known genera with similar biology (Lepidoptera, Tineidae, Lyonetiidae). *Proceeding of the Entomological Society of Washington*, 109 (4), 741–764.
- Davis, D.R. & Stonis, J.R. (2007) A revision of the New World plant-mining moths of the family Opostegidae (Lepidoptera, Nepticuloidea). *Smithsonian Contributions to Zoology*, 625, 1–212.
- Davis, D.R. & Wagner, D.L. (2005) Biology and systematics of the neotropical leafminer genus *Eucosmophora* (Lepidoptera, Gracillariidae). *Tropical Lepidoptera*, 13 (1–2), 1–40.
- Dietz, R.E.I. & Duckworth, W.D. (1976). A Review of the Genus *Horama* Hubner and Reestablishment of the Genus *Poliopastea* Hampson (Lepidoptera, Ctenuchidae). *Smithsonian Contributions to Zoology*, 215, 1–53.
- Duckworth, W.D. (1969) Bredin-Archbold-Smithsonian Biological Survey of Dominica, West Indian Stenomidae (Lepidoptera, Gelechioidea). *Smithsonian Contributions to Zoology*, 4, 1–21.
- Ferguson, D.C. (1985) Geometroidea, Geometridae (part). In: Dominick, R. B. et al. (Eds), *The moths of America north of Mexico. Fascicle 18*. The Wedge Entomological Research Foundation, Washington, 131 pp.
- Ferguson, D.C. (2009) A revision of the red-brown caberine geometrids of the southeastern United States (Geometridae, Caberini). *Tropical Lepidoptera*, 19 (1), 35–51.
- Ferris, C.D. & Lafontaine, J.D. (2010) Review of the North American species of *Marimatha* Walker with descriptions of three new species (Lepidoptera, Noctuidae, Eustrotiinae) and the description of *Pseudomarimatha flava* (Noctuidae, Noctuinae, Elaphriini), a new genus and species confused with *Marimatha*. *ZooKeys*, 39, 117–135.
- Forbes, W.T.M. (1917) Notes on West Indian Syntomidae and Arctiidae (Lepidoptera). *Bulletin of the American Museum of Natural History*, 37, 339–345.
- Forbes, W.T.M. (1930) *Insects of Porto Rico and the Virgin Islands. Heterocera or moths. Scientific Survey to Porto Rico and the Virgin Islands 12 part 1*. New York Academy of Sciences, New York, 170 pp.
- Forbes, W.T.M. (1931) Supplementary report on the Heterocera or moths of Porto Rico. *Journal of Department of Agriculture of Porto Rico*, 4 (4), 339–394.
- Fontenla, J.L. & Rodríguez, R. (1990) Sistema de poblaciones de *Calisto sibylla* Bates, 1934 (Lepidoptera, Satyridae) en Cuba. *Poeyana*, 395, 1–13.
- Gielis, C. (2006) Review of the Neotropical species of the family Pterophoridae, part I, Ochyroticinae, Deuterocopinae, Pterophorinae (Platyptiliini, Exelastini, Oxyptilini) (Lepidoptera). *Zoologische Mededelingen Leiden*, 80–2 (1), 1–290.
- Gielis, C. (2011) Review of the neotropical species of the family Pterophoridae, part II, Pterophorinae (Oidaematophorini, Pterophorini) (Lepidoptera). *Zoologische Verhandelingen Leiden*, 85 (3), 589–824.
- Grote, A.R. (1865a) Notes on Cuban Sphingidae. *Proceedings of the Entomological Society of Philadelphia*, 5, 33–84.
- Grote, A.R. (1865b) Notes on the Bombycidae of Cuba. *Proceedings of the Entomological Society of Philadelphia*, 5, 227–255.
- Grote, A.R. (1866) Notes on the Zygaenidae of Cuba, Part I. *Proceedings of the Entomological Society of Philadelphia*, 6, 173–189.
- Grote, A.R. (1867) Notes on the Zygaenidae of Cuba, Part II—with a supplement. *Proceedings of the Entomological Society of Philadelphia*, 6, 297–334.
- Gundlach, J.C. (1881) *Contribución a la Entomología Cubana. Parte primera. Lepidópteros*, La Habana, G. Montiel. xxi + 445 pp.
- Hampson, G.F. (1898) *Catalogue of the Lepidoptera Phalaenae in the British Museum I*, British Museum, London, 559 pp.
- Hampson, G.F. (1909) *Catalogue of the Lepidoptera Phalaenae in the British Museum VIII*, London, British Museum, 583 pp.
- Hampson, G.F. (1913) *Catalogue of the Lepidoptera Phalaenae in the British Museum XIII*, London, British Museum, 609 pp.
- Heinrich, C. (1937) Moths of the genus *Rupela* (Pyraliidae, Schoenobiinae). *Proceedings of the United States National Museum*, 84 (3019), 355–388.
- Heinrich, C. (1956) American moths of the subfamily Phycitinae. *Bulletin of the United States National Museum*, 207, 1–581.

- Hepner, J.B. (1981). A new *Cydia* (Lepidoptera, Tortricidae) from Florida and Cuba. *Journal of the Lepidopterists' Society*, 35 (4), 278–280.
- Hepner, J.B. (1985) West Indies *Brenthia* (Lepidoptera, Choreutidae). *Insecta Mundi* 1(1), 13–26.
- Hepner, J.B. (1995) Citrus leafminer (Lepidoptera, Gracillariidae) on fruit in Florida. *The Florida Entomologist*, 78 (1), 183–186.
- Hernández, L.R., Alayón, G. & Smith, D.S. (1995) A new subspecies of *Parides gundlachianus* from Cuba. *Tropical Lepidoptera*, 6 (1), 15–20.
- Hernández, L.R., Miller, L.E., Miller, J.Y., Simon, M.J. & Turner, T.W. (1998) New records and range extensions of butterflies from Eastern Cuba. *Caribbean Journal of Science*, 34 (3–4), 324–327.
- Hernandez, L.R. & Emmel, T.C. (1993) *Cactoblastis cactorum* in Cuba (Lepidoptera, Pyralidae, Phycitinae). *Tropical Lepidoptera*, 4 (1), 45–46.
- Herrich-Schäffer, G.A.W. (1866) Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, 20, 103–109, 113–120, 130–136.
- Herrich-Schäffer, G.A.W. (1868) Die Schmetterlinge der Insel Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, 22, 113–118, 147–156, 179–186.
- Hopp, W. (1934) Megalopygidae. In: Seitz, A. (Ed) *The Macrolepidoptera of the World* 6, Alfred Keman, Stuttgart, pp. 1071–1101.
- Hsu, Y.-F. & Powell, J.A. (2004) Phylogenetic relationships within Heliodinidae and systematic of moths formerly assigned to *Heliodines* Stainton (Lepidoptera, Yponomeutoidea). *University of California Publications, Entomology*, 124, 1–158.
- Kimball, C.P. (1965) *The Lepidoptera of Florida. An Annotated Checklist*, State of Florida Department of Agriculture Division of Plant Industry, Gainesville, v + 363 pp.
- Kaila, L. (2004) Phylogeny of the superfamily Gelechioidea (Lepidoptera, Ditrysia), an exemplar approach. *Cladistics*, 20, 303–340.
- Kitching, I. & Cadiou, J.M. (2000) *Hawkmoths of the world, an annotated and illustrated revisionary checklist (Lepidoptera, Sphingidae)*. Comstock Publishing Associates, 226 pp.
- Lafontaine, J.D. & Schmidt, B.C. (2010) Annotated check list of the Noctuoidea (Insecta, Lepidoptera) of North America north of Mexico. *ZooKeys*, 40, 1–239.
- Lafontaine, J.D. & Poole, R.W. (2010) Review of the New World genera of the subfamily Acontiinae (Lepidoptera, Noctuidae). *ZooKeys*, 39, 137–160.
- Lamas, G. (Ed) (2004) *Atlas of Neotropical Lepidoptera. Checklist, Part 4A. Hesperioidea – Papilionoidea*, Scientific Publishers, Gainesville, xxxvi + 439 pp.
- Lemaire, C. (1999) Description of a new genus from the Dominican Republic (Lepidoptera, Saturniidae, Hemileucinae). *Atalanta*, 30, 177–178.
- Maldonado, J. (1995) The status of insect alpha taxonomy in Puerto Rico after the scientific survey. *Annals of the New York Academy of Sciences*, 776, 201–216.
- Matthews, D.L. & Bernard, L. (2008) Description of a new species of *Exelastis* (Lepidoptera, Pterophoridae) from the Neotropics, with keys to adults of the four species occurring in Florida. *Tropical Lepidoptera Research*, 18 (2), 62–69.
- Michener, C.D. (1943) A review of the genus *Calisto* (Lepidoptera, Satyridae). *American Museum Novitates*, 1236, 1–6.
- Mielke, O.H.H. & Casagrande, M.M. (2002) Notas taxonômicas em Hesperiidae neotropicais, com descrições de novos taxa (Lepidoptera). *Revista Brasileira de Zoologia*, 19 (Suppl. 1), 27–76.
- Munroe, E.G. (1950) The systematics of *Calisto* (Lepidoptera, Satyridae), with remarks on the evolutionary and zoogeographic significance of the genus. *Journal of the New York Entomological Society*, 58 (4), 211–241.
- Mutanen, M., Wahlberg, N. & Kaila, L. (2010) Comprehensive gene and taxon coverage elucidates radiation patterns in moths and butterflies. *Proceedings of the Royal Society B, Biological Sciences*, 277, 2839–2848. doi, 10. 1098/rspb. 2010. 0392
- Núñez, R. (2003) Nuevos registros de polillas (Lepidoptera) para Cuba. *Avicennia*, 16, 83–90.
- Núñez, R. (2004a) Lepidoptera (Insecta) de Topes de Collantes, Sancti Spíritus, Cuba. *Boletín de la Sociedad Entomológica Aragonesa*, 34, 151–159.
- Núñez, R. (2004b) Descripción de estadios desconocidos de *Prochalia licheniphilus* (Koehler, 1939) (Lepidoptera, Psychidae), con observaciones sobre su historia natural. *Boletín de la Sociedad Entomológica Aragonesa*, 35, 197–202.
- Núñez, R. (2004c) Range extension for the Cuban endemic *Chioides marmorosa* (Lepidoptera, HesperIIDae). *COCUYO*, 14, 12–13.
- Núñez, R. (2004d) Sobre la presencia de *Epargyreus z. zestos* (Lepidoptera, HesperIIDae) en Cuba. *COCUYO*, 14, 13.
- Núñez, R. (2006) Five new species of *Paucivena* Davis, 1975 (Lepidoptera, Tineoidea, Psychidae) from Cuba. *Journal of the Lepidopterists' Society*, 60 (3), 121–137.
- Núñez, R. (2007a) Adiciones a la fauna de lepidópteros de la reserva ecológica Siboney–Juticí, Santiago de Cuba, Cuba (Insecta, Lepidoptera). *Revista Biología*, 21 (1–2), 70–78.
- Núñez, R. (2007b) *Papilio demoleus* Linnaeus, 1758 en Cuba (Lepidoptera, Papilionidae). *Boletín de la Sociedad Entomológica Aragonesa*, 41, 440.
- Núñez, R. (2009) Rediscovery of *Calisto israeli* Torre, with nomenclatural notes on the larger species of Cuba *Calisto* (Lepidoptera, Nymphalidae, Satyridae). *Zootaxa*, 2087, 46–58.
- Núñez, R. (2010) Especies del orden Lepidoptera (Insecta) en el área protegida de recursos manejados “Mil Cumbres”, Pinar

- del Río, Cuba. *Poeyana*, 498, 31–38.
- Núñez, R. & Barro, A. (2003) Composición y estructura de dos comunidades de mariposas (Lepidoptera, Papilionoidea) en Boca de Canasí, La Habana, Cuba. *Revista Biología*, 17 (1), 8–17.
- Núñez, R., Oliva, E., Matos–Maravi P. F. & Wahlberg, N. (2012) Cuban *Calisto* (Lepidoptera, Nymphalidae, Satyrinae), a review based on morphological and DNA data. *ZooKeys*, 165, 57–105
- Otero, M. & López, M. (1996) Esfingidos de cayo Coco, Archipiélago Sabana–Camagüey, y primer registro para Cuba de *Aelops clavipes* (Lepidoptera, Sphingidae) para Cuba. *COCUYO*, 5, 12–13.
- Pérez–Gelabert, D. E. (2008) Arthropods of Hispaniola (Dominican Republic and Haiti), A checklist and bibliography. *Zootaxa*, 1831, 1–530.
- Phillips–Rodríguez, E. & Powell, J. A. (2007). Phylogenetic relationships, systematics, and biology of the species of *Amorbia* Clemens (Lepidoptera, Tortricidae, Sparganothini). *Zootaxa*, 1670, 1–109.
- Pitkin, L.M. (1996) Neotropical ennomine moths, a review of the genera (Lepidoptera, Geometridae). *Zoological Journal of the Linnean Society*, 135, 121–401.
- Pitkin, L.M. (2002) Neotropical Emerald moths, a review of the genera (Lepidoptera, Geometridae, Geometrinae). *Zoological Journal of the Linnean Society*, 118, 309–440.
- Plötz, C. (1883) Die Hesperinen–Gattung *Hesperia* Aut. und ihre Arten. *Stettiner entomologische Zeitung*, 44 (4/6), 195–233
- Pogue, M.G. (2009) A review of the *Tripudia quadrifera* (Zeller) (Lepidoptera, Noctuidae) species complex. *Proceedings of the Entomological Society of Washington*, 111 (1), 68–97.
- Poole, R.W. (1987) A taxonomic revision of the New World moth genus *Pero* (Lepidoptera, Geometridae). *Technical Bulletin of the United States Department of Agriculture*, 1698, 1–257.
- Poole, R.W. (1989) *Lepidopterorum Catalogus (New Series). Fascicle 118 Noctuidae, Parts 1–3*. E. J. Brill, New York, xii + 1314 pp.
- Powell, J.A. (1973) A systematic monograph of New World Ethmiid moths (Lepidoptera, Gelechioidea). *Smithsonian Contributions to Zoology*, 120, 1–302.
- Prout, L.B. (1910) On the Geometridae of the Argentine Republic. *Transactions of the Entomological Society of London*, 1910: 204–345.
- Prout, L.B. (1933) On the geometrid genus *Phrygonis* Hb. *Novitates Zoologicae*, 39, 1–9.
- Puplesis, R., Diškus, A., Robinson, G.S. & Onore, S. (2002) A review and checklist of the Neotropical Nepticulidae (Lepidoptera). *Bulletin of the Natural History Museum of London (Entomology)*, 71 (1), 59–76.
- Razowski, J. (1967) South American Cochyliidae (Lepidoptera) from the collection of the British Museum (Natural History). *Acta Zoologica Cracoviensia*, 12, 163–210.
- Razowski, J. & Brown, J.W. (2008) New species, new combinations, and new synonymies in Neotropical *Episimus* Walsingham, 1892 (Lepidoptera, Tortricidae, Olethreutinae). *Acta Zoologica Cracoviensia*, 51B (1–2), 83–144
- Riley, N.D. (1975) *A field guide to the butterflies of the West Indies*, Collins, London, 224 pp.
- Rindge, F.H. (1957) The genus *Oxydia* in the United States (Lepidoptera, Geometridae). *American Museum Novitates* 1849, 1–18.
- Rindge, F.H. (1961) A revision of the Nacophorini (Lepidoptera, Geometridae). *Bulletin of the American Museum of Natural History*, 123, 87–154.
- Rindge, F.H. (1978) A revision of the genus *Sabulodes* (Lepidoptera, Geometridae). *Bulletin of the American Museum of Natural History*, 160 (4), 195–291.
- Robbins, R.K. (2004). Eumaeini. In: Lamas, G. (Ed), *Atlas of Neotropical Lepidoptera. Checklist, Part 4A. Hesperioidea – Papilionoidea*, Scientific Publishers, Gainesville, pp. 118–137.
- Roque-Albelo, L. (1994) Primer registro de *Epargyreus zestos* para Cuba (Lepidoptera, Hesperioidea). *COCUYO*, 1, 3–4.
- Roque-Albelo, L., Hernández, L. R. & Smith, D. S. (1995) Rediscovery of *Chioides marmorosa* in Cuba (Lepidoptera, Hesperioidea). *Tropical Lepidoptera*, 6 (2), 99–102.
- Rothschild, W. & Jordan, K. (1903) A revision of the Lepidopterous family Sphingidae. *Novitates Zoologicae*, 9 (Supplement), 1–972.
- Rougerie, R. & Herbin, D. (2006) *Hispaniodirphia lemaireiana* n. sp., a new saturniid from the Greater Antilles (Lepidoptera, Saturniidae, Hemileucinae). *Zootaxa*, 1204, 53–59.
- Schaus, W. (1940) *Insects of Porto Rico and the Virgin Islands. Moths of the families Geometridae and Pyralidae. Scientific Survey to Porto Rico and the Virgin Islands 12 part 3*, The New York Academy of Sciences, New York, 291–417 pp.
- Schwartz, A. & Hedges, S.B. (1991) An elevational transect of Lepidoptera on Pico Turquino, Cuba. *Caribbean Journal of Science*, 27 (3/4), 130–138.
- Scoble, M.J. (1994) A taxonomic revision of the genera *Phrygonis* Hübner and *Pityjea* Walker (Geometridae, Ennominae, Palyadini). *Zoological Journal of the Linnean Society*, 111, 99–160.
- Shuey, J. & Anderson, R. (2011) *Carystoides “mexicana”* Freman, a species and genus new to Cuba and the Caribbean (Hesperioidea). *Journal of the Lepidopterists' Society*, 65 (3), 194–196.
- Smith, D.S. & Hernández, L.R. (1992) New subspecies of *Pseuchrysops bornoi* (Lycaenidae) and *Saliana esperi* (Hesperioidea) from Cuba, with a new island record and observations on other butterflies. *Caribbean Journal of Science*, 28 (3–4), 139–148.
- Smith, D.S., Miller, L.D. & Miller, J.Y. (1994) *The Butterflies of the West Indies and South Florida*, Oxford University Press,

New York, 284 pp.

- Solis, M.A. & Adamski, D. (1998) Review of the Costa Rican Glaphyriinae (Lepidoptera, Pyraloidea, Crambidae). *Journal of the New York Entomological Society*, 106 (1), 1–55.
- Sourakov, A. & Zakharov, E.V. (2011) “Darwin’s butterflies?” DNA barcoding and the radiation of the endemic Caribbean butterfly genus *Calisto* (Lepidoptera, Nymphalidae, Satyriinae). *Comparative Cytogenetics*, 5 (3), 191–210.
- Todd, E.L. (1966) Notes and descriptions of some Neotropical Agaristinae moths (Lepidoptera, Noctuidae). *Proceedings of the United States National Museum*, 120 (3560), 1–15.
- Todd, E.L. (1978) The *Zale setipes* species complex (Lepidoptera, Noctuidae). *Journal of the Lepidopterists’ Society*, 32 (4), 241–250.
- Todd, E.L. (1982) The noctuid moths of the Antilles—Part II (Lepidoptera, Arctiidae, Pericopinae). *Proceedings of the Entomological Society of Washington*, 84 (2), 315–324.
- Todd, E.L. & Poole, R.W. (1981) Moths of the *parvula* complex of *Lacinipolia* McDunnough (Noctuidae, Hadeninae). *The Florida Entomologist*, 64 (1), 183–189.
- Torre, S.L. (1943) Dos nuevas especies de mariposas diurnas para Cuba. *Memorias de la Sociedad Cubana de Historia Natural*, 17 (2), 139–140.
- Torre, S.L. (1952) Datos taxonómicos sobre lepidópteros, con notas sobre algunas especies cubanas. *Memorias de la Sociedad cubana de Historia natural*, 21 (1), 61–70.
- Torre, S.L. (1954) An annotated list of the butterflies and skippers of Cuba (Lepidoptera, Rhopalocera). *Journal of the New York entomological Society*, 62 (2), 113–128.
- Torre, S.L. (1964) Sobre la identidad de *Papilio oviedo* Gundlach, 1866 (Lepidoptera, Rhopalocera, Papilionidae). In: *Anais do II Congresso Latino-Americano de Zoologia (Sao Paulo, 1962)*, 1, 87–91.
- Torre, S.L. (1967) Pirálidos (Lepidoptera, Pyralidae) de Cuba en la colección del Museo Nacional de los Estados Unidos. *Poeyana Serie A*, 33, 1–27.
- Torre, S.L. (1968). Revisión de las especies cubanas de la familia Satyridae (Lepidoptera, Rhopalocera), con la descripción de una nueva especie. *Ciencias Biológicas serie 4*, 3, 1–24.
- Torre, S.L. (1971) Mariposas diurnas colectadas en Cuba hasta el año 1969. *Ciencias Biológicas serie 4*, 18, 1–47.
- Torre, S.L. & Alayo, P. (1959) Revisión de las Notodontidae de Cuba, con la descripción de dos nuevas especies. *Universidad de Oriente Departamento de Extensión y Relaciones Culturales*, 43, 1–60.
- Vaglia, T. & Haxarie, J. (2005) Revision dês *Adhemarius* du complexe *gannascus*. *Lambillionea*, 105 (1), 3–39.
- Wahlberg, N., Braby, M.F., Brower, A.V.Z., Jong, R. de, Lee, M.M., Nylin, S., Pierce, N.E., Sperling, F.A.H., Vila, R., Warren, A.D. & Zakharov, E. (2005a) Synergistic effects of combining morphological and molecular data in resolving the phylogeny of butterflies and skippers. *Proceedings of the Royal Society B*, 272, 1577–1586.
- Wahlberg, N., Brower, A.V.Z. & Nylin, S. (2005b) Phylogenetic relationships and historical biogeography of tribes and genera in the subfamily Nymphalinae (Lepidoptera, Nymphalidae). *Biological Journal of the Linnean Society*, 86, 227–251.
- Wahlberg, N., Weingartner, E. & Nylin, S. (2003) Towards a better understanding of the higher systematics of Nymphalidae (Lepidoptera, Papilionoidea). *Molecular Phylogenetics and Evolution*, 28, 473–484.
- Walsingham, Lord T. de Grey (1887) A revision of the genera *Acrolophus*, Poey, and *Anophora*, Clemens. *Transactions of the Entomological Society of London*, 1887, 137–173.
- Walsingham, Lord T. de Grey (1892) On the Microlepidoptera of West Indies. *Proceedings of the Zoological Society of London*, 1892, 492–549.
- Walsingham, Lord T. de Grey (1897) Revision of the West Indian Microlepidoptera with descriptions of new species. *Proceedings of the Zoological Society of London*, 1897, 54–183.
- Warren, A.D. (1996) *Phylogenetic Revision of the Skippers of the mithridates Species Group, and Their Replacement in Eantis Boisduval, 1836 (Lepidoptera, Hesperidae, Pyrginae)*. Ph. D. thesis, Ithaca, United States, Cornell University.
- Watson, A. & Goodger, D.T. (1986) Catalogue of the Neotropical tiger-moths. *Occasional Papers of Systematic Entomology*, 1, 1–71.
- Willmott, K.R. (2003) *The Genus Adelpha, Its Systematics, Biology and Biogeography (Lepidoptera, Nymphalidae, Limenitidini)*, Scientific Publishers, Gainesville, viii + 322 pp.
- Zayas, F. de & Alayo, P. (1956) La familia Sphingidae en Cuba (Lepidoptera, Heterocera). *Universidad de Oriente Departamento de Extensión y Relaciones Culturales*, 40, 1–81.
- Zayas, F. de (1989) *Entomofauna cubana. Tomo VI. Científico-Técnica*, La Habana, 183 pp.
- van Nieukerken, E.J., Kaila, L., Kitching, I.J., Kristensen, N.P., Lees, D.C., Minet, J., Mitter, C., Mutanen, M., Regier, J.C., Simonsen, T.J., Wahlberg, N., Yen, S.-H., Zahiri, R., Adamski, D., Baixeras, J., Bartsch, D., Bengtsson, B.Å., Brown, J. W., Bucheli, S.R., Davis, D.R., Prins, J.De, Prins, W.De, Epstein, M.E., Gentili-Poole, P., Gielis, C., Hättenschwiler, P., Hausmann, A., Holloway, J.D., Kallies, A., Karsholt, O., Kawahara, A.Y., Koster, S.J.C., Kozlov, M.V., Lafontaine, J.D., Lamas, G., Landry, J.F., Lee, S., Nuss, M., Park, K.T., Penz, C., Rota, J., Schintlmeister, A., Schmidt, B. C., Sohn, J.C., Alma Solis, M., Tarmann, G.M., Warren, A.D., Weller, S., Yakovlev, R.V., Zolotuhin, V.V. & Zwick, A. (2011) Order Lepidoptera Linnaeus, 1758. In: Zhang, Z. –Q. (Ed) *Animal biodiversity, An outline of higher-level classification and survey of taxonomic richness. Zootaxa*, 3148, 212–221.
- Warren, A.D., Davis, K.J., Grishin, N.V., Pelham, J.P. & Stangeland, E.M. (2011) Interactive listing of Amerin Butterflies. Available from: <http://www.butterfliesofamerica.com/> (accessed December 20<sup>th</sup> 2011).

**Appendix.** Additional references on Cuban Lepidoptera.

- Bates, D.M. (1935) The satyrid genus *Calisto*. *Occasional Papers of the Boston Society of natural History*, 8, 229–248.
- Bates, D.M. (1936) Notes on Cuban butterflies. *Memorias de la Sociedad cubana de Historia natural*, 9 (4), 225–228.
- Alayón, G. & Solana, E. (1989) Lista de las mariposas diurnas (Lepidoptera, Rhopalocera) colectadas en la reserva de la Biosfera “Cuchillas del Toa”, Holguín– Guantánamo, Cuba. *Garciana*, 7, 2–4.
- Bates, M. (1933) The pericopid genus *Composia* (Lepidoptera). *Psyche*, 40, 120–124.
- Becker, V.O. & Solis, M.A. (1990) The Neotropical Schoenobiinae (Lepidoptera, Pyralidae) described by Caspar Stoll. *Revista Brasileira de Entomologia*, 34 (3), 663–668.
- Bell, E.L. & Comstock, W.P. (1948) A new genus and some new species and subspecies of American Hesperidae (Lepidoptera, Rhopalocera). *American Museum Novitates*, 1379, 1–23.
- Bleszynski, S. (1967) Studies on the Crambidae (Lepidoptera) Part 44. New Neotropical genera and species. Preliminary check-list of Neotropical Crambinae. *Acta Zoologica Cracoviense*, 12, 39–110.
- Box, H.E. (1931) The crambine genera *Diatraea* and *Xanthopherne* (Lep., Pyral. ). *Bulletin of Entomological Research*, 22 (1), 1–50.
- Brown, F.M. (1929) A revision of the genus *Phoebis* (Lepidoptera). *American Museum Novitates*, 368, 1–22.
- Brown, F.M. (1931) A revision of the genus *Aphrissa*. *American Museum Novitates*, 454, 1–14.
- Brown, F.M. (1933) Notes on the genus *Phoebis* and the description of a new species. *American Museum Novitates*, 653, 1–5.
- Brown, F.M. (1978) The origins of the West Indian butterfly fauna. In: Gill, F. B. (Ed) *Zoogeography of the Caribbean, Special Publication No. 13*. Academy of Natural Sciences of Philadelphia, Philadelphia, pp. 5–30.
- Burns, J.M. (1989) Phylogeny and zoogeography of the bigger and better genus *Atalopedes* (Hesperidae). *Journal of the Lepidopterists' Society*, 43 (1), 11–32.
- Cary, M.M. (1951) Distribution of Sphingidae (Lepidoptera, Heterocera) in the Antillean–Caribbean region. *Transactions of the American Entomological Society*, 77 (2), 63–129.
- Clench, H.K. (1943) Some new *Calisto* from Hispaniola and Cuba (Lepidoptera, Satyridae). *Psyche*, 50 (1/2), 23–29.
- Clench, H.K. (1963) A synopsis of the West Indian Lycaenidae, with remarks on their zoogeography. *Journal of Research on the Lepidoptera*, 2 (4), 247–270.
- Comstock, W.P. (1942) Nymphalidae of the Antilles (Lepidoptera, Rhopalocera). *Journal of the New York Entomological Society*, 50 (3), 283–288.
- Comstock, W.P. (1943) The genus *Ascia* in the Antilles (Lepidoptera, Pieridae). *American Museum Novitates*, 1229, 1–7.
- Comstock, W.P. (1943) Notes on the subgenus *Glutophrissa*, genus *Appias* (Lepidoptera, Pieridae). *American Museum Novitates*, 1238, 1–6.
- Comstock, W.P. (1961) *Butterflies of the American Tropics. The Genus Anaea Lepidoptera Nymphalidae*. American Museum of Natural History, New York, 227 pp.
- Comstock, W.P. & Brown, F. M. (1950) Geographical variation and subspeciation in *Heliconius charitonius* Linnaeus (Lepidoptera, Nymphalidae). *American Museum Novitates*, 1467, 1–21.
- Comstock, W.P. & Huntington, E. I. (1943) Lycaenidae of the Antilles (Lepidoptera, Rhopalocera). *Annals of the New York Academy of Sciences*, 45 (2), 49–130.
- Comstock, W.P. & Huntington, E. I. (1960) An annotated list of the Lycaenidae (Lepidoptera, Rhopalocera) of the western hemisphere. *Journal of the New York Entomological Society*, 68 (3), 176–186.
- D'Almeida, R.F. (1932) Etude sur le genre *Terias* (3e note). *Bulletin Société Entomologique de France*, 37 (3), 44–47.
- D'Almeida, R.F. (1939) Revisão do gênero *Appias* (Subgen. *Glutophrissa* Butl. ) (Lepidoptera). *Boletim Biológico*, 4 (1), 50–66.
- D'Almeida, R.F. (1960) Terceira nota suplementar à nossa revisão do genero *Eurema* Hübner, 1819 Lepidoptera – Pieridae. *Revista Brasileira de Entomologia*, 9, 81–108.
- D'Almeida, R.F. (1966) *Catálogo dos Papilionidae Americanos*. Sociedade Brasileira de Entomologia, Sao Paulo, 366 pp.
- Dyar, H.G. (1913) The species of *Afrida* Möschler (Lepidoptera, Lithosiidae). *Insector Inscitiae Menstruus*, 1 (3), 26–33.
- Dyar, H.G. & Heinrich, C. (1927) The American moths of the genus *Diatraea* and allies. *Proceedings of the United States National Museum*, 71 (2691), 1–39.
- Fernández, D.M. & Rodríguez, L. (1998) Las mariposas de Camagüey (Lepidoptera, Papilionoidea y Hesperioidea). *COCUYO*, 7, 1–23.
- Fontenla, J.L. (1984) Nueva localidad para *Holguinia holguin* Evans, 1955 (Lepidoptera, Hesperidae). *Miscelánea zoológica*, 23, 2–3.
- Fontenla, J.L. (1985) Relaciones fagísticas entre mariposas cubanas (Insecta, Lepidoptera). Estudio preliminar. *Ciencias biológicas*, 14, 49–58.
- Fontenla, J.L. (1987a) Aspectos comparativos estructurales de tres comunidades de mariposas (Lepidoptera, Rhopalocera) en Cuba. *Poeyana*, 337, 1–20.
- Fontenla, J.L. (1987b) Características zoogeográficas de las ropalóceras (Insecta, Lepidoptera) de Viñales, Pinar del Río, Cuba. *Poeyana*, 339, 1–11.
- Fontenla, J.L. (1989a) Reconsideración taxonómica de *Phoebis avellaneda* (Herrich-Schäffer ) (Lepidoptera, Pieridae). *Poeyana*, 366, 1–12.



- Fontenla, J.L. (1989b) Estructura taxonómica y zoogeografía de las mariposas (Rhopalocera) del Jardín Botánico de Cienfuegos, Cuba. Análisis comparativo. *Poeyana*, 367, 1–24.
- Fontenla, J.L. (1989c) Partición de recursos en una comunidad de mariposas (Lepidoptera, Rhopalocera). *Poeyana*, 385, 1–26.
- Fontenla, J.L. (1989d) Presencia de *Junonia genoveva* (Cramer) (Lepidoptera, Nymphalidae) en Cuba. *Miscelánea zoológica*, 44, 3–4.
- Fontenla, J.L. (1992) Biogeografía ecológica de las mariposas diurnas cubanas. Patrones generales. *Poeyana*, 427, 1–30.
- Fontenla, J.L. (1994) Estabilidad y variabilidad temporal de la comunidad de mariposas del Jardín Botánico de Cienfuegos, Cuba. *Ciencias biológicas* 27, 6–11.
- Fontenla, J.L. (2003) Biogeography of Antillean butterflies (Lepidoptera, Rhopalocera), Patterns of association among areas of endemism. *Transactions of the American Entomological Society*, 129 (3/4), 399–410.
- Fontenla, J.L. & Cruz, J. de la (1986) Análisis zoogeográfico de las mariposas antillanas (Lepidoptera, Rhopalocera) a nivel subespecífico. *Ciencias Biológicas*, 15, 107–122.
- Fox, R.M. (1963) Affinities and distribution of Antillean Ithomiidae. *Journal of Research on the Lepidoptera*, 2, 173–184.
- Friedlander, T.P. (1988) Taxonomy, phylogeny, and biogeography of *Asterocampa* Rober 1916 (Lepidoptera, Nymphalidae, Apaturinae). *Journal of Research on the Lepidoptera*, 25, 215–338.
- Gillham, N.W. (1957) Subspecies versus geographic variation in Caribbean populations of *Anartia jatrophae* Johansson (Lepidoptera, Nymphalidae). *American Museum Novitates*, 1845, 1–22.
- Gundlach, J.C. (1866) Descripción de una nueva especie de mariposa diurna cubana del género *Papilio*. In: Poey F (Ed.) *Repertorio físico-natural de la Isla de Cuba*. Imprenta del Gobierno y Capitanía General por SM, La Habana, 279–280.
- Gundlach, J.C. (1881) An annotated catalogue of the diurnal Lepidoptera of the Island of Cuba. *Papilio*, 1 (7), 111–115.
- Gundlach, J.C. (1886) Zur Aufklärung über *Papilio cresphontes* Cr. var. *oviedo* m. *Berliner entomologische Zeitschrift*, 30 (1), 132–133.
- Hampson, G.F. (1900) Catalogue of the Lepidoptera Phalaenae in the British Museum 11. London, British Museum, 589 pp.
- Hampson, G.F. (1903) *Catalogue of the Lepidoptera Phalaenae in the British Museum IV*. London, British Museum, 689 pp.
- Hampson, G.F. (1905) *Catalogue of the Lepidoptera Phalaenae in the British Museum V*. London, British Museum, 634 pp.
- Hampson, G.F. (1905a) Descriptions of new species of Noctuidae in the British Museum. *Annals & Magazine of Natural History*, 7 (16), 369–386.
- Hampson, G.F. (1908) *Catalogue of the Lepidoptera Phalaenae in the British Museum VII*. London, British Museum, 709 pp.
- Hampson, G.F. (1910) *Catalogue of the Lepidoptera Phalaenae in the British Museum IX*. London, British Museum, 552 pp.
- Hampson, G.F. (1910a) *Catalogue of the Lepidoptera Phalaenae in the British Museum X*. London, British Museum, 829 pp.
- Hampson, G.F. (1912) *Catalogue of the Lepidoptera Phalaenae in the British Museum XI*. London, British Museum, 689 pp.
- Hampson, G.F. (1914) *Catalogue of the Lepidoptera Phalaenae in the British Museum Supplement I*. London, British Museum, 858 pp.
- Hampson, G.F. (1920) *Catalogue of the Lepidoptera Phalaenae in the British Museum Supplement II*. London, British Museum, 619 pp.
- Herrich-Schäffer, G.A.W. (1862a) Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, 16 (6/8), 118–120.
- Herrich-Schäffer, G.A.W. (1862b) Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, (10), 141–143
- Herrich-Schäffer, G.A.W. (1862c) Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, (11), 156–157
- Herrich-Schäffer, G.A.W. (1862d) Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, (12), 174–180
- Herrich-Schäffer, G.A.W. (1863a) Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, 17(9), 138–143
- Herrich-Schäffer, G.A.W. (1863b) Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, (10), 147–150
- Herrich-Schäffer, G.A.W. (1865a) Die Schmetterlingsfauna der Insel Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, 18(11/12), 159–172
- Herrich-Schäffer, G.A.W. (1865b) Die Schmetterlingsfauna der Insel Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, 19(3/4), 52–60
- Herrich-Schäffer, G.A.W. (1869) Die Schmetterlinge der Insel Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, 23, 153–160.
- Herrich-Schäffer, G.A.W. (1870) Die Schmetterlinge der Insel Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg*, 24, 97–108, 180–190.
- Holland, W.J. & Schaus, W. (1925) The Epipaschiinae of the Western Hemisphere, A synonymic catalog of the species hitherto described, with figures of many, which have not been depicted. *Annals of the Carnegie Museum*, 16, 49–130.
- Jenkins, D.W. (1983) Neotropical Nymphalidae I. Revision of *Hamadryas*. *Bulletin of the Allyn Museum*, 81, 1–146.
- Johnson, F. & Comstock, W.P. (1941) *Anaea* of the Antilles and their continental relationships, with descriptions of new species, subspecies and forms (Lepidoptera, Rhopalocera, Nymphalidae). *Journal of the New York Entomological Society*, 49 (4), 301–343.

- Johnson, K. (1989) Revision of *Chlorostrymon* Clench and description of two new austral Neotropical species. *Journal of the Lepidopterists' Society*, 43 (2), 120–146.
- Johnson, K. (1991) Cladistics and the biogeography of two trans-Caribbean hairstreak butterfly genera, *Nesiostrymon* and *Terra* (Lepidoptera, Lycaenidae). *American Museum Novitates*, 3011, 1–43.
- Johnson, K. & Descimon, H. (1989) Proper generic and specific status of Antillean "*Prepona*" butterflies with description of a new subspecies from Puerto Rico (West Indies) (Nymphalidae; Charaxinae). *Caribbean Journal of Science*, 25 (1–2), 45–53.
- Kaye, W.J. (1931) *Heliconius charithonia* and its mimics in Colombia, Venezuela, Costa Rica, Cuba and Haiti. *Proceedings of the Entomological Society of London (A)*, 5 (3), 89–90.
- Klots, A.B. (1928) A revision of the genus *Eurema* Hübner (Lepidoptera, Pieridae). *Entomologica Americana*, 9 (3), 99–163.
- Lathy, P.I. (1899) A monograph of the genus *Calisto* Hübner. *Proceedings of the Entomological Society of London*, 1899 (2), 221–228.
- Le Crom, J.F. & Johnson, K. (1997) A new species group of South American *Strymon* and its possible affinity to elements of the Antillean *Strymon* fauna (Eumaeini, Strymoninae). *Revista Colombiana Theclinae*, 2 (18), 1–14.
- Lucas, P.H. (1857) Lepidopteros. In: Sagra, R. de la (Ed) *Historia física política y natural de la Isla de Cuba, Segunda Parte, Historia natural Tomo VII Crustáceos, arágnides e insectos*. Arthus Bertrand, Paris, pp. 202–313.
- McCabe, T.L. (1992) Caribbean *Horama* (Lepidoptera, Arctiidae, Ctenuchinae) with new species and notes on mimicry. *Proceedings of the Entomological Society of Washington*, 94 (2), 243–248.
- Ménétriés, E. (1832) Catalogue de quelques Lépidoptères des Antilles avec la description de plusieurs espèces nouvelles. *Bulletin of the Imperial Society of Nature of Moscow*, 1832, 291–361.
- Miller, L.D. (1965) A review of the West Indian "*Choranthus*". *Journal of Research on the Lepidoptera*, 4, 259–274.
- Miller, L.D. & Miller, J.Y. (1989) The biogeography of West Indian butterflies (Lepidoptera, Papilionoidea, Hesperioidea), A vicariance model. In: Woods, C. A. (Ed), *Biogeography of the West Indies, Past, Present, and Future*. Sandhill Crane Press, Gainesville, pp. 229–262.
- Munroe, E.G. (1942) The Caribbean races of *Anartia jatrophae* Johansson (Lepidoptera, Nymphalidae). *American Museum Novitates* 1179, 1–4.
- Munroe, E.G. (1950a). The *dina* group of the genus *Eurema* in the West Indies (Lepidoptera, Pieridae). *Journal of the New York Entomological Society*, 58 (3), 172–191.
- Munroe, E.G. (1951) The genus *Junonia* in the West Indies (Lepidoptera, Nymphalidae). *American Museum Novitates*, 1498, 1–16.
- Munroe, E.G. (1956) New tropical Pyraustinae (Lepidoptera, Pyralidae). *The Canadian Entomologist*, 92 (3), 164–173.
- Munroe, E.G. (1958) A revision of the genus *Epicorsia* Hübner (Lepidoptera, Pyralidae). *The Canadian Entomologist*, 90 (5), 293–301.
- Munroe, E.G. (1961) Synopsis of the North American Odontiinae, with descriptions of new genera and species (Lepidoptera, Pyralidae). *The Canadian Entomologist Supplement*, 24, 1–93.
- Munroe, E.G. (1970) New species of *Syllepsis* Poey (Pyralidae, Pyraustinae), with a key to known species. *Journal of the Lepidopterists' Society*, 24 (4), 287–291.
- Munroe, E.G. (1971) Distribution and geographical differentiation of *Marpesia eleucha* Hübner (Nymphalidae), with descriptions of two new subspecies. *Journal of the Lepidopterists' Society*, 25 (3), 185–193.
- Neumoegen, B. (1890) New beauties from near and far. *Entomologica Americana*, 6, 173–174.
- Pérez, B., Palau, C.M., Brito, V., Blanco, S. & Guerra, M. (1999). Listado de lepidópteros (Rhopalocera) del área Protegida El Naranjal, Sancti Spiritus. *COCUYO*, 8, 20.
- Poey, F. (1832) *Centurie des Lépidoptères de Île de Cuba*. Paris, 54 pp.
- Poey, F. (1846–47) Catálogo metódico y descriptivo de las mariposas de la Isla de Cuba. *Memorias de la real Sociedad económica de La Habana*, (2) 2, 174–177, (4), 233–236, (5), 297–302, (6), 383–388 (1846); 3(1), 44–50, (2), 121–125, (3), 175–179 (1847), (4), 243–246 [sic] [= 289–292]
- Poey, F. (1853) Tériades cubanas, género de mariposas diurnas. *Memorias de la real Sociedad económica de La Habana XX*, 243–255.
- Reyes, E. & Núñez, R. (2006) Hesperiidae (Lepidoptera, Insecta) de la colección del Instituto de Ecología y Sistemática, Cuba. *COCUYO*, 16, 37–39.
- Rindge, F.H. (1983) A generic revision of the New World Nacophorini (Lepidoptera, Geometridae). *Bulletin of the American Museum of Natural History*, 175 (2), 147–262.
- Robbins, R.K. & Nicolay, S.S. (1998) Taxonomy and nomenclature of *Strymon istapa* and *S. columella* (Lycaenidae, Theclinae, Eumaeini). *Journal of the Lepidopterists' Society*, 52 (3), 318–327.
- Roque-Albelo, L. (2001) Mariposas (Lepidoptera, Papilionoidea–Hesperioidea) de Pinar del Río. *COCUYO*, 10, 14–16.
- Schaus, W. (1904) New species of American Heterocera. *Transactions of the American Entomological Society*, 30, 135–178.
- Schaus, W. (1916) A generic revision of the American moths of the subfamily Hypeninae, with descriptions of new genera and species. *Proceedings of the United States National Museum*, 50 (2132), 259–399.
- Schaus, W. (1920) New species of Neotropical Pyraustinae (Lepid. ). *Proceedings of the Entomological Society of Washington*, 22 (8), 172–222.
- Schaus, W. (1922) New species of Pyralidae of the subfamily Crambinae from tropical America. *Proceedings of the Entomological Society of Washington*, 24 (8), 172–222.

- logical Society of Washington*, 24 (6), 127–145.
- Schaus, W. (1924) New species of Pyralidae of the subfamily Nymphulinae from Tropical America. *Proceedings of the Entomological Society of Washington*, 26 (5), 101–105.
- Schaus, W. (1928) New moths of the family Ceruridae (Notodontidae) in the United States National Museum. *Proceedings of the United States National Museum*, 73 (2740), 1–90.
- Schaus, W. (1928b) New species of moths of the family Notodontidae in the United States National Museum. *Proceedings of the United States National Museum*, 84 (3026), 563–584.
- Schaus, W. (1938) New species of American Heterocera in the United States National Museum. *Annals and Magazine of Natural History*, 11 (2), 504–517.
- Schaus, W. (1940) *Insects of Porto Rico and the Virgin Islands. Moths of the family Noctuidae. Scientific Survey to Porto Rico and the Virgin Islands Volume 12 Part 2*. New York Academy of Sciences, New York, 177–290 pp.
- Scott, J.A. (1971) A list of Antillean butterflies. *Journal of Research on the Lepidoptera* 9, 249–256.
- Scott, J.A. (1972) Biogeography of Antillean butterflies. *Biotropica* 4, 32–45.
- Scott, J.A. (1986) Distribution of Caribbean butterflies. *Papilio (New Series)*, 3, 1–26.
- Skinner, H. (1912) Two new butterflies (Lepid. ). *Entomological News*, 23 (3), 126–127.
- Skinner, H. (1913) A new hesperid butterfly from Cuba (Lepid. ). *Entomological News*, 24 (2), 72.
- Skinner, H. & Ramsden, C. T. (1924) Annotated list of the Hesperidae of Cuba. *Proceedings of the Academy of natural Sciences of Philadelphia*, 75, 307–321.
- Shuey, J.A. (1994) Phylogeny and biogeography of *Euphyes* Scudder (Hesperiidae). *Journal of the Lepidopterists' Society*, 47 (4), 261–278.
- Silberglied, R.E, Aiello, A. & Lamas, G. (1980) Neotropical butterflies of the genus *Anartia*, systematics, life histories and general biology (Lepidoptera, Nymphalidae). *Psyche*, 86 (2/3), 219–260.
- Smith, D.S., Hernández, L.R. & Davies, N. (1998) The butterflies of the Isle of Pines, Cuba, eighty years on. *Annals of the Carnegie Museum*, 67 (4), 281–298.
- Todd, E.L. (1959) The fruit-piercing moths of the genus *Gonodonta* Hübner (Lepidoptera, Noctuidae). *United States Department of Agriculture Technical Bulletin*, 1201, 1–52.
- Todd, E.L. (1960) Noctuid moths of the *scopulepes* group of *Hemeroplanis* Hübner. *Proceedings of the United States National Museum*, 112 (3444), 505–515.
- Todd, E.L. (1964) A new species of *Iodopepla* Franclemont from Cuba. *Proceedings of the Entomological Society of Washington*, 66 (2), 75–79.
- Torre, S.L. de la (1947a) Revisión de las especies cubanas de la familia Papilionidae (Lepidópteros Ropalóceros). *Revista del Instituto Matanzas*, 1 (1), 22–43.
- Torre, S.L. de la (1947b) Revisión de las especies cubanas del género *Danaus*, con la adición de dos nuevas subespecies para Cuba (Lepidópteros Ropalóceros). *Memorias de la Sociedad cubana de Historia natural*, 19 (1), 17–21.
- Torre, S.L. de la (1949a) A list supplementing Bates' "Butterflies of Cuba". *Lepidopterists' News*, 3 (6), 65.
- Torre, S.L. de la (1949b) Estudio de las subespecies cubanas de *Ascia monuste* (Lepidoptera, Pieridae). *Memorias de la Sociedad cubana de Historia natural*, 19 (2), 171–174.
- Torre, S.L. de la (1949c) Datos taxonómicos sobre lepidópteros, con notas sobre algunas especies cubanas. *Memorias de la Sociedad cubana de Historia natural*, 19 (2), 177–190.
- Torre, S.L. de la (1949d) Géneros y especies de la subfamilia Heliconiinae hallados en Cuba (Lepidoptera, Nymphalidae) (Adiciones y correcciones al catálogo de Cuba). *Memorias de la Sociedad cubana de Historia natural*, 19 (2), 191–194.
- Torre, S.L. de la (1951a) Additions to "A list supplementing Bates' Butterflies of Cuba". *Lepidopterists' News*, 4 (6/7), 72.
- Torre, S.L. de la (1951b) Sobre una nueva forma de *Nathalis iole* Boisduval (Lepidoptera, Pieridae). *Memorias de la Sociedad cubana de Historia natural*, 20 (2), 89–92.
- Torre, S.L. de la (1951c) Notas suplementarias a nuestro trabajo sobre el género *Danaus* (Lepidoptera, Rhopalocera). *Memorias de la Sociedad cubana de Historia natural*, 20 (2), 93–103.
- Torre, S.L. de la (1951d) A new butterfly from Cuba (Lepidoptera, Nymphalidae). *Proceedings of the entomological Society of Washington*, 53 (6), 336–337.
- Torre, S.L. de la (1954–56) An annotated list of the butterflies and skippers of Cuba (Lepidoptera, Rhopalocera). *Journal of the New York entomological Society*, 62 (1), 1–25 (1954), 62 (3), 189–192 (1955), (4), 207–249 (1956).
- Torre, S.L. de la & Alayo, P. (1953) Una lista de las Euremas de América, con notas sobre las especies colectadas en Cuba (Lepidoptera, Pieridae). *Universidad de Oriente, Departamento de Extensión y Relaciones Culturales*, 27, 1–43.
- Torre, S.L. de la (1958) Reconsideración taxonómica de las especies del género *Kricogonia* Reakirt, con vista al estudio de sus órganos genitales. *Cuadernos de la Universidad de Oriente (Santiago de Cuba)*, 42, 1–32.
- Torre, S.L. de la (1968) Notas sobre las especies de *Eurema* del grupo dina (Lepidoptera, Pieridae) en la fauna cubana. *Poeyana (A)*, 52, 1–13.
- Torre, S.L. de la (1973). Una nueva especie del género *Calisto* Hübner y una nueva raza. *Ciencias Biológicas serie 4*, 43, 1–9.
- Weller, S.J., Simmons, R.B. & Carlson, A.L. (2004) *Empyreuma* species and species limits, evidence from morphology and molecules (Arctiidae, Arctiinae, Ctenuchini). *Journal of the Lepidopterists' Society*, 58 (1), 21–32.