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## A LIST OF HESPERIIDAE COLLECTED IN NICARAGUA, 1973-1976

Richard A. Anderson  
836 Amelia Ct. NE, St. Petersburg, Florida 33702

**ABSTRACT.** A list of HesperIIDae species collected in Nicaragua during the mid 1970s is presented. Collection locations and number of specimens collected is provided as well as map locations of collecting sites. A total of 282 species are recorded including four considered to be undescribed.

**KEY WORDS:** Lepidoptera, species, Neotropical.

### INTRODUCTION

From December 1973 to December 1976, I lived in Managua, Nicaragua where I collected regularly in the surrounding areas, as well as on forays to other locations within the country. This paper is the result of a long desired goal to tabulate the collected species into a list that would add to the documented HesperIIDae for the country. I did not attempt to compile all of the known species records from Nicaragua, but rather to list only those I encountered. I have added synonyms where I thought it was appropriate for clarity. A total of 282 species are recorded for the country. Of these, 105 have not been reported previously and are indicated as new records. The primary sources consulted to determine previous records for Nicaragua were Evans (1951, 1952, 1953, 1955), and Mielke (2005)

### COMPILATION

The list of species follows the group order used by Evans in his four catalogues of the American HesperIIDae 1951, 1952, 1953, and 1955. Following each species name is the total number of examples currently in the author's collection and the locations and month of capture. For some species, additional numbers, locations, and months of capture are added for material previously donated to the Allyn Museum in Sarasota, Florida, now at the McGuire Center for Lepidoptera and Biodiversity in Gainesville, Florida. For these specimens, the gender was not recorded. New records are indicated with an asterisk, and

include four undescribed (one *Thoon* sp., one *Parphorus* sp., one *Neoxeniades*, and one *Niconiades* sp.).

I examined a total of 2659 specimens in the course of compiling this list. Of this total, 37 remain undetermined: 21 of the genus *Epargyreus* (probably representing two-three species), and 16 undetermined specimens, mostly females of Evans' "J" Group.

### EUDAMINAE

- Phocides polybius lilea* (Reakirt, [1867]). (5♂1♀). Managua 5♂1♀ Jun.  
*Phocides pigmalion pigmalion* (Cramer, 1779). (8♂3♀). Managua 1♂ Jan, 2♂ Jun, 1♂1♀ Jul, 1♂1♀ Aug, 1♀ Sep, 2♂ Oct; Bluefields 1♂ Dec. Additional specimens: Managua (25) Jan, Apr, Jun, Jul, Aug, Sep, Oct, Nov, Dec.  
*Phocides belus* Godman & Salvin, 1893. (4♂4♀). Corinto 1♂4♀ Jun; Managua 1♂ Jan, 1♂ Apr, 1♂ Aug.  
*Tarsoctenus corytus gaudialis* (Hewitson, 1876). (1♂1♀). Bluefields 1♂ Apr, 1♀ Dec.  
*Drephalys dumeril\** (Latreille, [1824]). (1♀). Bluefields 1♀ Dec.  
*Phanus obscurior obscurior* Kaye, 1925. (1♂). Nueva Guinea 1♂ Aug.  
*Udranomia kikkawai\** (Weeks, 1906). (1♂). Nueva Guinea 1♂ Oct.  
*Urbanus doryssus doryssus* (Swainson, 1831). (7♂3♀). Managua 1♂1♀ Jan, 1♂ Aug, 1♂ Sep, 1♂ Nov, 1♂1♀ Dec; Nueva Guinea 1♀ Oct; Granada 1♂ July; Bluefields 1♂ Dec. Additional specimens: Managua (4) Jan, Nov, Dec.  
*Urbanus albimargo albimargo* (Mabille, 1875). (3♂3♀). Granada 1♂3♀ Jul; San Juan Del Norte 1♂ Mar; Managua 1♂ Jan.  
*Urbanus tanna* Evans, 1952. (5♂1♀). Managua 1♂ Feb, 1♂ Jun, 1♀ Sep, 1♂ Nov; Nueva Guinea 1♂ Oct; Rama 1♂ Mar. Additional specimens: Managua (3) Feb, Jul, Nov.  
*Urbanus teleus* (Hübner, 1821). (6♂2♀). Managua 1♂ Oct; Bluefields 2♂1♀ Jan; Nueva Guinea 3♂1♀ Oct. Additional specimens: Nueva Guinea (5) Aug; Bluefields (3) Jan, Jun, Dec; Rama (1) Mar; Managua (1) Nov.  
*Urbanus procne* (Plötz, 1880). (7♂4♀). Managua 2♂ Jun, 1♂2♀ Jul, 1♂2♀ Aug, 1♂ Sep; Nueva Guinea 2♂ Oct. Additional specimens: Managua (17) Apr, May, Jun, Jul, Aug, Sep; Granada (3) Jul, Aug.  
*Urbanus simplicius* (Stoll, 1790). (4♂3♀). Managua 1♂ May, 1♂ Jul, 1♀ Oct; Bluefields 1♂ Apr, 1♂1♀ Dec; Nueva Guinea 1♀ Oct. Additional specimens: Santo Tomás (2) Oct; San Carlos (1) Sep; Granada (1) Aug; Managua (8) May, Sep, Nov, Dec; Las Nubes (1) Aug.  
*Urbanus dorantes dorantes* (Stoll, 1790). (2♂4♀). Managua 1♂ Jan, 1♀ Jun, 1♂ Jul, 1♀ Aug, 1♀ Nov; San Carlos 1♀ Sep. Additional specimens: Managua (7) Jan, Jul, Aug, Nov.  
*Urbanus proteus proteus* (Linnaeus, 1758). (6♂4♀). Granada 1♀ Aug; Managua 1♀ Apr, 3♂1♀ Jul, 1♂ Aug, 1♀ Sep; Pochomil 1♂ Jul; Jinotega 1♂ Jan. Additional specimens: Managua (5) Jul, Sep, Dec; Las Nubes (2) Aug; Bluefields (1) Oct; Matagalpa S. (1) Jul.  
*Urbanus esta\** Evans, 1952. (5♂2♀). Managua 1♀ Feb, 1♂ May, 1♂1♀ Nov; Las Nubes 1♂ May; Matagalpa N. 1♂ Mar, 1♂ Oct. Additional specimens: Managua (1) Jan.

- Urbanus pronta*\* Evans, 1952. (4♂2♀). Managua 1♂ Apr, 1♂ Oct; Granada 1♀ Sep; Nueva Guinea 2♂1♀ Oct. Additional specimens: Las Nubes (1) Apr.
- Urbanus esmeraldus* (Butler, 1877). (8♂3♀). Managua 1♂1♀ Jul, 2♂ Aug, 2♂ Sept, 1♂ Oct, 2♂1♀ Dec; Matagalpa S. 1♀ Aug. Additional specimens: Managua (5) Jul, Oct, Nov, Dec; Las Nubes (1) Jan; Granada (2) Jul, Nov.
- Urbanus viterboana* (Ehrmann, 1907). (4♂2♀). Matagalpa N. 1♂ Aug, 3♂1♀ Sep, 1♀ Nov. Additional specimens: Matagalpa S. (1) Jul.
- Urbanus belli*\* (Hayward, 1935). (8♂3♀). Managua 5♂ Jan, 1♂ Feb, 1♂ Jun, 1♂1♀ Sep, 1♀ Nov, 1♀ Dec. Additional specimens: Managua (11) Jan, May, Jul, Oct, Nov; Nueva Guinea (2) Oct; Matagalpa N. (2) Aug, Sep.
- Chiooides zilpa* (Butler, 1872). (5♂1♀). Managua 1♂ Jan, 1♂1♀ Jul, 2♂ Nov, 1♂ Dec. Additional specimens: Managua (4) Feb, Apr, Jul.
- Chiooides albofasciatus* (Hewitson, 1867). (3♂3♀). Granada 1♂ Mar, 2♀ Jul, 1♂ Aug; Managua 1♀ Jun, 1♂ Jul. Additional specimens: Managua (3) Sep; Granada (2) Jul, Aug.
- Codatractus alcaeus alcaeus* (Hewitson, 1867). (2♂5♀). Managua 2♂1♀ Jul; Pochomil 3♀ Jul, 1♀ Aug. Additional specimens: Managua (1) Jun.
- Codatractus melon* (Godman & Salvin, 1893). (4♂4♀). Managua 1♀ Jun, 1♂ Jul, 1♂ Nov, 1♀ Dec; Granada 2♂2♀ Jul. Additional specimens: Managua (4) Jun, Nov; Granada (4) Jul; Pochomil (1) Jul.
- Codatractus cyda*\* (Godman, 1901). (3♂1♀). Matagalpa N. 1♀ Jul, 1♂ Aug, 2♂ Sep.
- Aguna asander asander* (Hewitson, 1867). (6♂3♀). Granada 1♂ Jul; Managua 2♂2♀ Jul, 1♂ Aug, 1♂ no date; Las Nubes 1♀ Aug, 1♂ Oct. Additional specimens: Managua (2) Jul, Aug.
- Aguna aurunce hypozoniis* (Plötz, 1880). (2♂). Bluefields 2♂ Dec.
- Aguna metophis* (Latreille, [1824]). (2♂). Managua 2♂ Jul.
- Typhedanus undulatus*\* (Hewitson, 1867). (2♂1♀). Managua 2♂ Jul; Bluefields 1♀ Oct.
- Typhedanus ampyx* (Godman & Salvin, 1893). (3♂). Granada 1♂ Jul; Managua 1♂ Sep, 1♂ Nov.
- Polythrix octomaculata* (Sepp, [1844]). (3♂1♀). Managua 1♂ Jan, 1♀ Jun, 1♂ Aug; Matagalpa N. 1♂ Sep.  
Hellebuyck, 1998 described *Polythrix maizeae* as a new species from Corn Island, Nicaragua. It is somewhat similar to *Polythrix octomaculata*, but in both sexes the fore wing hyaline apical spots are lacking and the central hyaline band of spots is absent, except for small upper and lower cell spots.
- Polythrix asine* (Hewitson, 1867). (5♂4♀). Managua 1♀ Jan, 2♂ Jun, 2♀ Jul, 1♂ Aug, 1♂ Sep, 1♂ Dec; Granada 1♀ Nov. Additional specimens: Managua (28) Feb, Mar, Apr, Jun, Jul, Aug, Nov, Dec.
- Astraptes anaphus annetta* Evans, 1952. (6♂2♀). Managua 1♀ Feb, 1♂ Apr, 1♂ Jul, 1♂ Sep, 2♂ Dec; Matagalpa N. 1♀ Aug; Matagalpa S. 1♂ Aug. Additional specimens: Managua (21) Managua Jan, Feb, Apr, May, Jul, Aug, Nov, Dec; Las Nubes (1) May; Bluefields (1) Dec.
- Astraptes talus* (Cramer, 1777). (1♂). Managua 1♂ Nov.
- Astraptes aulus* (Plötz, 1881). (1♂). Santo Tomás 1♂ Oct.
- Astraptes alardus latia* Evans, 1952. (2♀). Managua 1♀ Feb, 1♀ Dec.

- Astraptus egregius egregius* (Butler, 1870). (5♂3♀). Managua 1♂ Jan, 1♂ Jul, 1♂3♀ Dec; Granada 1♂ Jul, 1♂ Nov. Additional specimens: Managua (1) Dec; Matagalpa N/S. not recorded (1) Dec.
- Astraptus brevicauda* (Plötz, 1886). (5♂2♀). Nueva Guinea 5♂2♀ Oct. Additional specimens: Nueva Guinea (1) Oct.
- Astraptus fulgurator azul* (Reakirt, [1867]). (6♂4♀). Matagalpa N. 1♂ Aug, 1♂ Sep, 1♂1♀ Oct; Nueva Guinea 2♂ Oct; Managua 1♂ Mar, 2♀ Oct; Granada 1♀ Jul. Additional specimens: Managua (7) Apr, Jul, Aug, Nov, Dec; Matagalpa N. (3) Jul, Dec; Granada (1) Jul; Bluefields (1) Dec; Nueva Guinea (3) Jul, Aug, Nov.
- Proteides mercurius mercurius* (Fabricius, 1787). (1♂2♀). Managua 1♂ Jun, 1♀ Aug; Matagalpa N. 1♀ Sep.
- Epargyreus spinosa*\* Evans, 1952. (4♂3♀). Managua 2♂ Apr, 2♀ Jul, 1♀ Nov; Matagalpa N. 1♂ Oct; Las Nubes 1♂ Aug.
- Epargyreus socus orizaba*\* Scudder, 1872. (6♂2♀). Managua 1♀ Jan, 1♀ Apr, 3♂ Jun, 2♂ Jul, 1♂ Nov.
- Epargyreus exadeus cruxa* Evans, 1952. (20♂6♀). Managua 1♂ May, 4♂2♀ Jun, 7♂3♀ Jul, 3♂ Aug, 3♂1♀ Nov; Granada 1♂ Jul; Pochomil 1♂ Jul.
- Achalarus toxeus* (Plötz, 1882). (6♂4♀). Managua 1♂1♀ Apr, 2♂ May, 2♀ Jun, 1♂ Jul, 1♂ Sep, 1♀ Oct, 1♂ Nov. Additional specimens: Granada (1) Jul; Managua (10) Feb, May, Jun, Jul, Aug, Dec.
- Achalarus albociliatus albociliatus* (Mabille, 1877). (3♀). Managua 1♀ Oct; Santo Tomás 1♀ Oct; Granada 1♀ Aug.
- Thessia jalapus*\* (Plötz, 1881). (3♂). Managua 1♂ Jan, 1♂ Jun, 1♂ Aug.
- Autochton bipunctatus*\* (Gmelin, 1790). (6♂1♀). Managua 1♂ Jan, 2♂1♀ Aug, 1♂ Dec; San Carlos 1♂ Sep; Las Nubes 1♂ Mar.
- Autochton zarex* (Hübner, 1818). (6♂3♀). Managua 1♀ Nov, 1♂ Dec; Bluefields 1♂ Apr, 1♂ Jun; Rama 1♂ Mar; Nueva Guinea 2♀ Oct; Las Nubes 1♂ Apr, 1♂ Oct. Additional specimens: Matagalpa S. (1) Aug; Bluefields (1) Dec; Las Nubes (3) May, Oct; Managua (3) Jan, Oct, Dec.
- Autochton neis* (Geyer, 1832). (6♂1♀). Nueva Guinea 4♂1♀ Oct; San Carlos 1♂ Sep; Managua 1♂ Dec. Additional specimens: Managua (2) Jul, Nov.
- Autochton longipennis* (Plötz, 1882). (2♂). Nueva Guinea 2♂ Oct. Additional specimens: Managua (16) Jan, Apr, Jul, Aug, Oct, Nov, Dec.
- Cabares potrillo potrillo* (Lucas, 1857). (5♂4♀). Managua 1♀ Jun, 2♂2♀ Jul, 1♂ Sep, 1♂ Dec; Las Nubes 1♂ Mar; Matagalpa S. 1♀ Jul. Additional specimens: Managua (18) Jan, Mar, Jun, Jul, Sep, Oct, Nov, Dec; Granada (1) Mar; Matagalpa N. (1) Mar.
- Polygonus leo histrio* Röber, 1925. (4♂5♀). Matagalpa N. 1♂2♀ Sep; Matagalpa S. 2♀ Jul; Pochomil 1♂ Jul, 1♂ Aug; Managua 1♂ Nov, 1♀ Dec. Additional specimens: Managua (7) Jul, Aug, Sep, Oct, Nov; Pochomil (2) Aug; Las Nubes (1) Apr; Boaco (1) Mar; Matagalpa S. (1) Aug.  
The specimens in the collection from Pochomil and Managua are lighter and browner similar to *Polygonus leo arizonensis* (Skinner, 1911). Those from Matagalpa are typical *Polygonus leo histrio* Röber, 1925.
- Polygonus savigny savigny* (Latreille, [1824]). (4♂3♀). Managua 1♀ Apr, 1♂1♀ May, 3♂ Jun, 1♀ Aug.  
Usually identified as *Polygonus manueli* Bell & W. P. Comstock, 1948 (see Opler & Warren, 2002).

- Nascus phocus*\* (Cramer, 1777). (1♂). Granada 1♂ Jul.
- Cephise procerus*\* (Plötz, 1880). (2♂3♀). Managua 1♀ Feb, 1♂1♀ Aug, 1♂ Sep, 1♀ Dec.
- Cephise nuspesez*\* Burns, 1996. (1♂). Nueva Guinea 1♂ Jul.
- Porphyrogenes zohra zohra*\* (Möschler, 1879). (1♂). Bluefields 1♂ Dec.
- Ocyba calathana calanus*\* (Godman & Salvin, 1894). (2♂2♀). Managua 1♂ Jun, 1♂ Jul, 1♀ Nov; Granada 1♀ Jul.
- Cogia calchas* (Herrich-Schäffer, 1869). (3♂4♀). Granada 1♀ Jul; San Carlos 1♂1♀ Sep; Bluefields 1♀ Jan; Pochomil 1♂ Jul; Rama 1♀ Mar; Las Nubes 1♂ Oct.  
Additional specimens: Managua (2) Apr, Jun; Bluefields (4); Las Nubes (2) Nov; Granada (1) Aug.
- Cogia cajeta* (Herrich-Schäffer, 1869). (5♂4♀). Managua 3♂1♀ May, 1♀ Jun, 1♂1♀ Jul, 1♂1♀ Oct. Additional specimens: Managua (17) Jul, Aug, Sep, Nov, Dec; Matagalpa S. (2) Jul, Aug.  
Revised status. Austin & Warren (2002) confirmed Evans' 1953 opinion that *Cogia eluina* Godman & Salvin, 1894 is a subspecies of *Cogia cajeta*. However since the two occur together in Managua during most of the year, both are treated as valid species. Their genitalia were not compared.
- Cogia eluina* Godman & Salvin, 1894. (7♂5♀). Managua 2♂1♀ Jul, 1♂ Aug, 1♂ Sep, 1♀ Oct, 1♂3♀ Nov, 2♂ Dec.  
Revised status, see above.
- Telemiades amphion fides* Bell, 1949. (9♂1♀). Managua 3♂ Sep, 1♂ Nov, 1♂ Dec; Nueva Guinea 1♂1♀ Aug, 3♂ Oct. Additional specimens: Managua (1) Dec; Nueva Guinea (2) Oct.
- Spathilepia clonius* (Cramer, 1775). (2♂4♀). Managua 1♀ Jul, 1♂ Aug, 2♀ Dec; Granada 1♂1♀ Nov. Additional specimens: Granada (2) Jul; Managua (5) Jun, Jul, Nov, Dec.

## PYRGINAE

- Jonaspyge jonas*\* (C. & R. Felder, 1859). (1♀). Bluefields 1♀ Oct.  
Formally *jonas* was placed in *Pyrrhopyge*. (see Mielke, O.H.H. 2002).
- Melanopyge erythrostickta* (Godman & Salvin, 1879). (1♂). Bluefields 1♂ Dec.  
Formally *erythrostickta* belonged in *Pyrrhopyge*. (see Mielke, O.H.H. 2002).
- Pyrrhopyge phidias zenodorus*\* Godman & Salvin, 1893. (4♂). Matagalpa N. 4♂ Oct.
- Mysoria barcastus ambigua* (Mabille & Boulet, 1908). (6♂3♀). Granada 4♂1♀ July, 1♀ Nov; Managua 1♂ May, 1♂ Aug; Matagalpa N. 1♀ Sep. Additional specimens: Managua (1) May; Granada (1) Jul.  
Some recent authors treat *ambigua* as a species-level taxon. (see Burns & Janzen 2001).
- Elbella scylla* (Ménétriés, 1855). (3♂). Granada 2♂ Jul; Managua 1♂ Jun.
- Celaenorrhinus fritzgaertneri fritzgaertneri* (Bailey, 1880). (2♂6♀). Managua 2♀ Jan, 3♀ Mar, 1♂1♀ Sep, 1♂ Dec. Additional specimens: Las Nubes (1) Oct; Managua (1) Mar.
- Celaenorrhinus stola* Evans, 1952. (2♂4♀). Matagalpa N. 1♀ Apr, 1♂2♀ Sep, 1♀ Dec; Managua 1♂ Dec. Additional specimens: Matagalpa N. (1) Dec.
- Celaenorrhinus monartus* (Plötz, 1884). (2♂). Nueva Guinea 2♂ Oct.

- Antigonus erosus* (Hübner, [1812]). (5♂4♀). Managua 1♀ May, 1♂ Aug, 1♀ Nov; Pochomil 3♂2♀ Jul; Santo Tomás 1♂ Mar. Additional specimens: Managua (16) May, Jul, Oct, Nov, Dec; Las Nubes (1) May; Pochomil (2) Jul; San Carlos (1) Sep; Jinotepe (1) May.
- Noctuana lactifera bipuncta* (Plötz, 1884). (4♂1♀). Matagalpa N. 2♂ Aug, 1♀ Sep, 2♂ Oct.
- Noctuana stator* (Godman, 1899). (6♂3♀). Managua 2♂2♀ Nov, 2♂1♀ Dec; Las Nubes 1♂ May; Nueva Guinea 1♂ Oct. Additional specimens: Managua (2) Nov.
- Mylon maimon* (Fabricius, 1775). (1♂2♀). Managua 1♀ Jul, 1♀ Aug, 1♂ Dec.
- Mylon pelopidas* (Fabricius, 1793). (3♂3♀). Managua 1♂1♀ May, 1♀ Jul; Pochomil 2♂1♀ Jul. Additional specimens: Managua (4) Jan, Aug, Nov; Pochomil (3) Jul, Aug.
- Mylon lassia* (Hewitson, 1868). (3♂3♀). Managua 1♂ Jan, 1♂1♀ Nov, 1♂ Dec; Matagalpa N. 1♀ Aug; Las Nubes 1♀ Feb. Additional specimens: Managua (1) Nov; Las Nubes (5) Jan, Feb, Mar, Apr.
- Pachyneuria licisca* (Plötz, 1882). (8♂5♀). Managua 1♂ Jun, 2♀ Aug, 3♂ Nov, 1♂ Dec; Nueva Guinea 2♂2♀ Oct; San Carlos 1♂ Sep; Granada 1♀ Nov. Additional specimens: Managua (15) Jan, Feb, Apr, Jul, Aug, Sep, Oct, Nov, Dec.
- Nisoniades rubescens* (Möschler, 1877). (6♂2♀). Managua 1♂ Jun, 2♂ Nov, 1♀ Dec; Granada 1♀ Jul, 1♂ Aug; Nueva Guinea 1♂ Oct; San Carlos 1♂ Sep.
- Nisoniades castolus* (Hewitson, 1878). (1♀). Rama 1♀ Mar.
- Nisoniades ephora* (Herrich-Schäffer, 1870). (4♂6♀). Managua 2♂1♀ Jan, 1♂2♀ Feb, 1♀ Jul, 1♂1♀ Nov, 1♀ Dec. Additional specimens: Matagalpa N. (1) Sep; Las Nubes (2) Nov; Managua (13) Feb, Mar, Nov, Dec.
- Nisoniades godma* Evans, 1953. (8♂5♀). Managua 1♂ Jan, 1♂1♀ Jun, 2♀ Aug, 1♂1♀ Sep; Nueva Guinea 2♂1♀ Oct; Bluefields 1♂ Dec; Pochomil 1♂ Jan. Additional specimens: Granada (2) Nov; Bluefields (2) Jan, Apr; Managua (15) Feb, Apr, May, Jun, Aug, Sep, Nov.
- Pellicia dimidiata dimidiata* Herrich-Schäffer, 1870. (12♂). Managua 4♂ Sep, 2♂ Nov, 1♂ Dec; San Carlos 3♂ Sep; Nueva Guinea 1♂ Oct; Rama 1♂ Mar. Additional specimens: San Carlos (1) Sep; Managua (9) Sep, Oct, Nov, Dec.
- Pellicia arina* Evans, 1953. (8♂9♀). Managua 1♀ Feb, 1♀ May, 1♀ Aug, 1♂ Oct, 1♂1♀ Nov, 4♂3♀ Dec; Granada 1♂2♀ Jul, 1♂ Aug.
- Milanion clito*\* (Fabricius, 1787). (3♂1♀). Managua 2♂ Apr; Pochomil 1♂1♀ Jul.
- Xenophanes tryxus* (Stoll, 1780). (6♂). Managua 1♂ Feb, 1♂ Mar, 1♂ Aug, 1♂ Sep; Bluefields 1♂ Jan; Nueva Guinea 1♂ Oct. Additional specimens: Pochomil (2) Jan; Managua (5) Jan, Jul, Nov.
- Polyctor cleta* Evans, 1953. (2♂3♀). Managua 1♂1♀ Feb, 1♂1♀ Nov; Bluefields 1♀ Dec.
- Quadrus cerealis* (Stoll, 1782). (8♂2♀). Managua 1♀ Aug, 3♂1♀ Sep; Bluefields 1♂ Jan, 1♂ Oct; Nueva Guinea 3♂ Oct. Additional specimens: Bluefields (3) Jan, Jun; Granada (2) Mar, Sep; Managua (1) Sep.
- Quadrus lugubris lugubris* (R. Felder, 1869). (6♂4♀). Managua 1♂ Jul, 1♂ Aug, 1♂2♀ Sep, 1♀ Nov, 1♂ Dec; Granada 1♀ Jul; Las Nubes 2♂ Nov. Additional specimens: Las Nubes (2) Dec.

- Carrhenes fuscescens fuscescens* (Mabille, 1891). (6♂4♀). Managua 1♂ May, 1♂1♀ Jun, 1♂ Jul, 1♀ Sep, 1♀ Oct; Granada 1♀ Jul, 3♂ Aug. Additional specimens: Granada (1) Jul; Managua (1) Jul.
- Carrhenes calidius* Godman & Salvin, 1895. (1♂). Nueva Guinea 1♂ Oct.
- Carrhenes canescens canescens* (R. Felder, 1869). (2♂5♀). Managua 3♀ Feb, 1♀ Mar, 1♀ Jul, 1♂ Nov, 1♂ Dec.
- Carrhenes meridensis*\* Godman & Salvin, 1895. (1♂1♀). Matagalpa N. 1♂ Sep, 1♀ Dec.  
Evans (1953) considered *callipetes* Godman & Salvin, 1895 (Mexico and northern Central America) and *Carrhenes meridensis* (southern Central America and northern South America) as subspecies of *Carrhenes callipetes*. Austin & Warren (2002) raised both to the species level as originally described by Godman & Salvin. The Nicaraguan specimens are treated as *meridensis*.
- Pythonides jovianus amaryllis* Staudinger, 1876. (3♂2♀). Bluefields 1♀ Oct, 3♂1♀ Dec. Additional specimens: Bluefields (2) Dec.
- Pythonides proxenus*\* (Godman & Salvin, 1895). (4♂3♀). Bluefields 1♂ Oct; Nueva Guinea 3♂3♀ Oct.
- Pythonides grandis assecla* Mabille, 1883. (1♂1♀). Bluefields 1♂1♀ Dec.
- Paches loxus gloriosus* Röber, 1925. (13♂3♀). Nueva Guinea 2♂1♀ Aug, 10♂1♀ Oct; San Carlos 1♀ Sep; Managua 1♂ Oct. Additional specimens: Nueva Guinea (7) Aug, Oct; Managua (2) Oct; San Carlos (1) Sep.
- Paches polla*\* (Mabille, 1888). (1♂). Matagalpa S. 1♂ Aug.
- Aarnes sallei* (C. & R. Felder, 1867). (8♂). Managua 1♂ Jan, 1♂ Nov, 1♂ Dec; Pochomil 1♂ Jan, 1♂ Jul; Santo Tomás 1♂ Oct; Las Nubes 1♂ Jan, 1♂ Apr.  
Additional specimens: Pochomil (1) Jun; Managua (4) Nov, Dec.
- Sostrata bifasciata nordica* Evans, 1953. (3♂5♀). Managua 1♀ Feb, 1♀ Jun, 2♂1♀ Sep, 1♀ Dec; Nueva Guinea 1♂ Aug; Matagalpa N. 1♀ Sep. Additional specimens: Managua (10) Aug, Sep, Nov, Dec.
- Gorgythion vox* Evans, 1953. (8♂3♀). Managua 1♀ Nov; Bluefields 1♂1♀ Jan, 2♂Oct, 5♂ Dec; Jinotega 1♀ Jul. Additional specimens: San Carlos (1) Sep; Bluefields (2); Managua (7) Jan, Feb, Aug, Oct, Dec.
- Gorgythion begga pyralina* (Möschler, 1877). (7♂2♀). Managua 2♂1♀ Jan, 1♂ Jul, 1♂ Aug, 1♂1♀ Dec; Nueva Guinea 1♂ Aug; Matagalpa 1♂ Aug.
- Zopyrion sandace* Godman & Salvin, 1896. (3♂3♀). Managua 2♂2♀ Nov; Pochomil 1♀ Jul; Matagalpa N/S not recorded 1♂ Dec.
- Zera hyacinthinus hyacinthinus* (Mabille, 1877). (3♂1♀). Managua 1♂ Feb, 1♂ Dec; Bluefields 1♂ Dec; Matagalpa N. 1♀ Sep.
- Arcturotia tractipennis* Butler & H. Druce, 1872. (2♂). Ciudad Darío 1♂ Jun; Managua 1♂ Mar.
- Myrinia myris*\* (Mabille, 1898). (2♂2♀). Managua 1♂ Jun, 1♂ Aug; Boaco 1♀ May; Pochomil 1♀ Jul.  
The male genitalia match Evans' illustration for *myris* except for a slight difference in the style on the right valva.
- Cyclosemia* sp. near *anastomosis* Mabille, 1878. (1♀). Bluefields 1♀ Dec.
- Haemactis*\* sp. Undetermined. (1♀). Bluefields 1♀ Dec.
- Potamanaxas latrea latrea* (Hewitson, 1875). (1♀). Matagalpa N. 1♀ Nov.

- Ouleus fridericus salvina* Evans, 1953. (8♂7♀). Managua 1♀ Jan, 2♀ Apr, 1♀ Aug, 1♀ Oct; Nueva Guinea 1♂ Aug, 3♂ Oct; Bluefields 1♂ Dec; Granada 1♀ Mar, 1♂1♀ Jul, 1♂ Sep; Las Nubes 1♂ Aug. Additional specimens: Las Nubes (2) Mar, Apr; Managua (10) Jan, Jul, Aug, Sep, Nov, Dec.
- Bolla evippe*\* (Godman & Salvin, 1896). (6♂11♀). Managua 1♀ Apr, 3♀ Jun, 3♂2♀ Jul, 1♀ Aug, 2♂2♀ Sep, 1♂1♀ Nov, 1♀ Dec.
- Bolla cupreiceps*\* (Mabille, 1891). (3♂1♀). Managua 1♀ Feb, 1♂ Aug, 1♂ Sep; Las Nubes 1♂ May.
- Bolla oichus imbras*\* (Godman & Salvin, 1896). (11♂1♀). Managua 1♂ Jun, 3♂ Aug, 1♂ Dec; Las Nubes 2♂ Mar, 1♂ Jun, 1♂ Aug, 1♂ Oct, 1♂ Dec; Matagalpa N. 1♀ Aug.  
Previously identified as *pullata* (Mabille, 1878) which is unavailable per the ICZN. (See Lamas, 2004).
- Bolla clytius*\* (Godman & Salvin, 1897). (4♂5♀). Managua 2♂2♀ May, 2♂1♀ Jun, 2♀ Aug.
- Bolla giselus guerra* Evans, 1953. (1♂1♀). Matagalpa N. 1♂ Jul, 1♀ Sep.
- Bolla brennus brennus*\* (Godman & Salvin, 1896). (1♂2♀). Jinotega 1♀ Jul; Matagalpa N., 1♂ Aug, 1♀ Dec.
- Staphylus azteca*\* (Scudder, 1872). (70♂31♀). Managua 5♂4♀ Jan, 7♂2♀ Feb, 3♂ Mar, 1♂3♀ Apr, 4♂3♀ May, 13♂3♀ Jun, 16♂4♀ Jul, 3♂1♀ Aug, 1♂2♀ Sep, 2♂1♀ Oct, 5♂2♀ Nov, 4♂2♀ Dec; Pochomil 1♂ Jul; Las Nubes 1♂ Jan, 1♀ Feb, 1♂ May; Granada 2♂2♀ Aug, 1♂ Nov.
- Staphylus evemerus*\* Godman & Salvin, 1896. (12♂). Matagalpa N. 1♂ Jan, 2♂ May, 1♂ Aug, 2♂ Sep, 1♂ Oct, 1♂ Dec; Jinotega 4♂ Mar. Additional specimens: Matagalpa N. (3) May, Aug, Sep; Jinotega (1) Mar.
- Staphylus vulgata*\* (Möschler, 1879). (19♂2♀). Managua 1♂ Jan, 1♂ Jun, 1♂ Jul, 2♂ Sep, 3♂ Oct, 4♂ Nov, 2♂ Dec; Nueva Guinea, 2♂ Aug; Las Nubes 1♀ Feb, 1♂ Mar, 1♀ May, 2♂ Aug. Additional specimens: Las Nubes (1) Feb; Managua (3) May, Sep, Nov.
- Staphylus ascalaphus* (Staudinger, 1876). (21♂8♀). Managua 1♂ Jan, 1♂ Feb, 1♂2♀ May, 1♂ Jun, 2♂ Jul, 4♂ Aug, 1♂1♀ Sep, 1♂ Nov, 1♀ Dec; Rama 1♀ Mar; San Carlos 1♂1♀ Sep; Nueva Guinea 1♂ Dec; Las Nubes 1♂ Jan, 1♀ Mar, 1♂ Apr, 1♂ Jun, 2♂1♀ Aug; Matagalpa N. 1♂ Sep; Jinotega 1♂ Jan. Additional specimens: Granada (1) Mar; San Carlos (2) Sep; Managua (6) Nov.
- Staphylus caribbea*\* (Williams & Bell, 1940). (2♂1♀). Nueva Guinea 1♂1♀ Aug, 1♂ Oct.
- Erynnis funerals*\* (Scudder & Burgess, 1870). (3♂). Matagalpa S. 1♂ Aug, 1♂ Sep; Puerto Sandino 1♂ Aug.
- Helias cama* Evans, 1953. (5♂4♀). Nueva Guinea 1♀ Aug, 2♂3♀ Oct; Rama 1♂ Mar; Bluefields 2♂ Dec. Additional specimens: Bluefields (5) Jan, Dec; Nueva Guinea (1) Oct.
- Gesta invisus* (Butler & H. Druce, 1872). (3♂3♀). Santo Tomás 1♀ Oct; Managua 1♂ Jun, 1♂ Jul, 1♀ Aug, 1♀ Oct; Granada 1♂ Mar. Additional specimens: Managua (8) May, Jul, Aug, Dec.
- Chiomara asychis georgina* (Reakirt, 1868). (4♂1♀). Managua 1♂ Feb, 1♀ Jul, 1♂ Aug, 1♂ Sep, 1♂ Nov. Additional specimens: Pochomil (1) Jul; Managua (1) Aug.



- Ebrietas anacreon anacreon* (Staudinger, 1876). (5♂4♀). Managua 1♂ Mar, 1♀ Jul, 2♂2♀ Nov, 1♂1♀ Dec; Nueva Guinea 1♂ Oct. Additional Specimens: Matagalpa N. (2) Jul, Dec; Bluefields (1) Jan; Managua (9) Feb, Jun, Jul, Oct, Nov.
- Ebrietas evanidus* Mabille, 1898. (1♂1♀). Nueva Guinea 1♂1♀ Oct.
- Ebrietas osyris* (Staudinger, 1876). (1♂). Nueva Guinea 1♂ Oct.
- Cycloglypha thrasibulus thrasibulus* (Fabricius, 1793). (2♂1♀). Managua 1♂ Feb, 1♀ Nov; Bluefields 1♂ Jan.
- Anastrus sempiternus sempiternus* (Butler & H. Druce, 1872). (7♂2♀). Managua 2♂ Jul, 2♂ Aug, 1♀ Sep, 1♂1♀ Nov, 1♂ Dec. Bluefields 1♂ Jun.
- Anastrus neaeris neaeris*\* (Möschler, 1879). (2♀). Bluefields 1♀ Jun, 1♀ Dec.
- Tosta platypterus* (Mabille, 1895). (1♂). Nueva Guinea 1♂ Oct.
- Achlyodes pallida* (R. Felder, 1869). (5♂1♀). Las Nubes 1♀ Aug; Matagalpa N. 2♂ Aug, 1♂ Sep, 1♂ Oct, 1♂ Nov. Additional specimens: Las Nubes (3) Feb, Aug; Matagalpa N. (3) Oct, Dec.
- Achlyodes busirus heros* Ehrman, 1909. (1♂1♀). Managua 1♀ Aug, 1♂ Sep.
- Achlyodes mithridates thraso* (Hübner, [1807]). (3♂1♀). Managua 1♂1♀ Aug, 1♂ Oct; Nueva Guinea 1♂ Aug. Additional specimens: Managua (20) Jan, May, Jun, Jul, Aug, Nov, Dec; Bluefields (1) Oct.
- Aethilla lavochorea* Butler, 1872. (3♂1♀). Managua 1♂ Feb, 1♀ Apr, 2♂ Jul.
- Grais stigmaticus stigmaticus* (Mabille, 1883). (1♀). Matagalpa S. 1♀ Aug.
- Timochares trifasciata trifasciata* (Hewitson, 1868). (1♂4♀). Managua 1♀ May, 1♂1♀ Aug, 1♀ Sep; Granada 1♀ Aug.
- Theagenes aegides*\* (Herrich-Schäffer, 1869). (3♂2♀). Matagalpa N. 1♂ May, 1♂ Jul, 1♂ Aug, 1♀ Oct; Las Nubes 1♀ Aug. Additional specimens: Matagalpa N. (1) May.
- Pyrgus communis adepta* Plötz, 1884. (16♂4♀). Managua 3♂ Mar, 1♂ May, 6♂1♀ Jun, 1♂2♀ Jul, 1♂ Aug, 1♀ Nov, 1♂ Dec; Matagalpa S. 2♂ Oct. Granada 1♂ Aug. Additional specimens: Granada (3) Aug; Managua (10) May, Jun, Jul.
- Pyrgus oileus* (Linnaeus, 1767). (3♂3♀). Rama 1♂ Mar; Managua 1♂ Mar, 1♀ Jun, 1♀ Sep; San Carlos 1♂1♀ Sep. Additional specimens: Managua (1) Nov.
- Pyrgus orcus* (Stoll, 1780). (2♂2♀). Bluefields 2♂ Dec; Rama 1♀ Mar; San Carlos 1♀ Sep.
- Heliopetes macaira macaira* (Reakirt, [1867]). (4♂2♀). Managua 1♂ Jul, 1♂ Oct; Bluefields 1♀ Jan, 1♂ Jun; Matagalpa N. 1♀ Jul; Matagalpa S. 1♂ Oct. Additional specimens: Pochomil (1) Aug.
- Heliopetes laviana laviana* (Hewitson, 1868). (7♂5♀). Managua 1♂ Jun, 1♂ Jul, 1♀ Aug, 1♀ Sep, 1♂ Oct, 3♀ Nov; Pochomil 1♂ Jun, 1♂ Jul; Jinotega 1♂ Jun; Granada 1♂ Jul. Additional specimens: Managua (4) Nov; Pochomil (4) Jul, Aug.
- Heliopetes arsalte* (Linnaeus, 1758). (10♂2♀). Rama 1♀ Mar; Nueva Guinea 1♂ Aug, 1♀ Oct; San Carlos 1♂ Sep; Granada 2♂ Jul; Managua 3♂ Aug, 3♂ Sep. Additional specimens: Granada (3) Jul; Pochomil (1) Jan; Nueva Guinea (1) Aug; Managua (13) May, Jun, Jul, Aug.
- Heliopetes Alana* (Reakirt, 1868). (7♂). Managua 3♂ Nov; Rama 3♂ Mar; Nueva Guinea 1♂ Aug. Additional specimens: Managua (3) May, Jun, Aug.
- Heliopyrgus domicella domicella* (Erichson, 1849). (4♂6♀). Managua 1♂ Jun, 1♂2♀ Jul, 2♀ Aug, 1♂ Oct; Matagalpa S. 1♀ Jul, 1♀ Aug, 1♂ Oct.

## HETEROPTERINAE

*Dardarina dardaris*\* (Hewitson, 1877). (1♂). Matagalpa N/S not recorded. 1♂ 1977, no month. Collected by Paul Scharf.

## HESPERIINAE

*Synapte malitiosa pecta* Evans, 1955. (6♂3♀). Managua 1♂ Jan, 1♂ Jul, 2♀ Aug, 1♀ Oct, 4♂ Dec. Additional specimens: Managua (6) May, Sep, Dec.

*Synapte silius*\* (Latreille, [1824]). (3♂). Bluefields 2♂ Dec; Nueva Guinea 1♂ Aug.

*Synapte shiva*\* Evans, 1955. (7♂1♀). Managua 2♂ Jul, 1♀ Aug; Matagalpa S. 2♂ Jul, 3♂ Aug.

*Synapte salenus salenus* (Mabille, 1883). (9♂4♀). Granada 1♂2♀ Sep, 1♂ Oct;

Matagalpa N. 3♂ Mar, 1♂1♀ Aug; Las Nubes 1♂ Aug, 1♂ Oct, 1♂1♀ Nov.

Additional specimens: Matagalpa N. (1) Nov; Granada (1) Sep; Managua (9) May, Aug, Oct, Nov, Dec.

*Corticea corticea* (Plötz, 1882). (7♂4♀). Managua 1♂ Apr, 1♀ Sep, 2♂ Dec; Nueva Guinea 1♂ Aug, 1♂2♀ Oct; Las Nubes 1♂ Mar, 1♂1♀ Aug. Additional specimens: Las Nubes (4) Aug, Nov; Managua (3) Jun, Aug, Dec; Bluefields (2) Jun, Oct.

*Corticea lysias lysias* (Plötz, 1883). (6♂1♀). Nueva Guinea 2♂ Aug, 2♂ Oct; Bluefields 1♂ Oct, 1♂1♀ Dec.

*Anthoptus epictetus* (Fabricius, 1793). (7♂3♀). Rama 1♂1♀ Mar; Managua 2♂ Feb; Bluefields 1♀ Jan, 1♀ Jun, 1♂ Aug; Nueva Guinea 3♂ Oct.

*Anthoptus insignis* (Plötz, 1882) (14♂4♀). Las Nubes 1♂ Jan, 1♀ Dec; Bluefields 1♂ Jan, 1♂ Oct; Nueva Guinea 6♂1♀ Aug, 2♂ Oct; Rama 1♀ Jan, 2♂ Mar; Matagalpa N. 1♀ Jul; Granada 1♂ Sep.

*Zariaspes mys* (Hübner, [1808]). (6♂). Santo Tomas 3♂ Oct; San Carlos 1♂ Sep; Nueva Guinea 2♂ Oct.

*Vinius sagitta*\* (Mabille, 1889). (1♂). Nueva Guinea 1♂ Aug.

*Vettius coryna conka*\* Evans, 1955. (1♂). Matagalpa N. 1♂ Mar.

*Vettius lafrenaye pica*\* (Herrich-Schäffer, 1869). (1♂). Bluefields 1♂ Dec.

*Vettius marcus aurelius* (Plötz, 1882). (9♂2♀). Bluefields 1♂ Jan, 2♂ Dec; Rama 2♂ Mar; Nueva Guinea 1♀ Aug, 4♂1♀ Oct. Additional specimens: Bluefields (1) Oct; Nueva Guinea (1) Oct.

*Vettius fantasos* (Cramer, 1780). (4♂3♀). Managua 1♀ Mar, 1♀ Aug, 1♂ Sep, 1♂ Oct; Granada 1♂ Jul; Las Nubes 1♂ Feb, 1♀ Apr.

*Thoon modius* (Mabille, 1889). (1♀). Bluefields 1♀ Apr.

*Thoon* sp.\* undescribed. (2♂1♀). Rama 1♂ Mar; Nueva Guinea 1♂1♀ Oct.

Undescribed status determined by Steve Steinhauser.

*Justinia justinianus justinianus*\* (Latreille, [1824]). (5♂1♀). Bluefields 2♂ Jan, 3♂1♀ Dec.

*Justinia phaetusa norda* Evans, 1955. (1♂2♀). Bluefields 1♂ Apr, 2♀ Dec.

*Turesis complanula* (Herrich-Schäffer, 1869). (1♂). Bluefields 1♂ Dec.

According to Robbins et al. (1996) *lucas* (Fabricius, 1793) is the correct name for what we have called *Panoquina sylvicola* (Herrich-Schäffer, 1865), and the correct name for Evans' *Turesis lucas* becomes *Turesis complanula*.

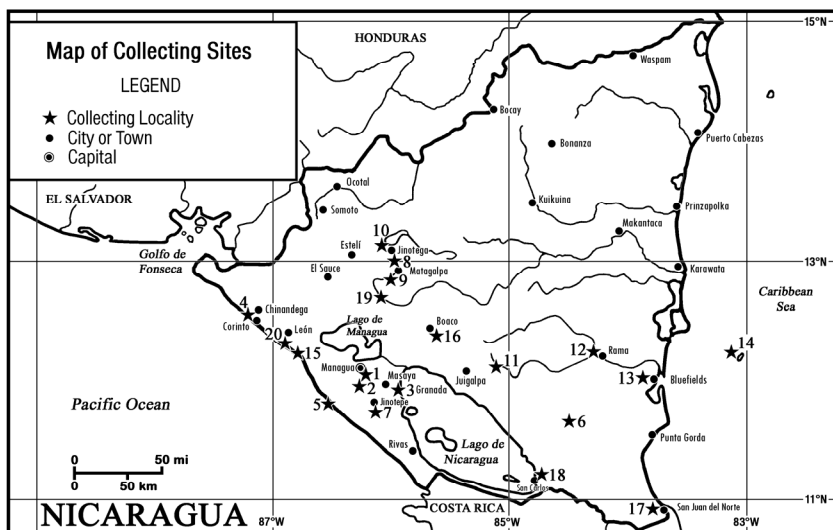
- Papias subcostulata*\* (Herrich-Schäffer, 1870). (6♂1♀). Nueva Guinea 2♂ Aug, 3♂ Oct; Bluefields 1♀ Oct, 1♂ Dec. Additional specimens: Nueva Guinea (1) Aug; Rama (1) Mar.
- Papias dictys* Godman, 1900. (19♂9♀). Las Nubes 1♂ Jan, 1♂ Mar, 1♂ Apr, 2♂ Aug, 1♂ Nov, 2♂ Dec; Granada 1♂ Sep; Jinotega 3♀ Mar; Matagalpa N. 1♂ Jan, 1♂ Mar, 1♂1♀ Jul, 2♂2♀ Aug, 1♂1♀ Sep, 2♂1♀ Oct, 1♂ Nov, 1♂1♀ Dec.
- Papias phaomelas* (Hübner, 1831). (7♂5♀). Nueva Guinea 4♂2♀ Oct; Bluefields 3♂3♀ Dec.
- Papias phainis*\* Godman, 1900. (2♂). Nueva Guinea 1♂ Oct; Bluefields 1♂ Dec.
- Morys compta micythus* (Godman, 1900). (11♂5♀). Rama 1♂ Jan, 1♂ Mar; Bluefields 4♂ Jan, 3♂ Apr, 1♂1♀ Oct; Nueva Guinea 1♀ Aug; Managua 1♀ Jun, 1♂1♀ Jul; Las Nubes 1♀ Oct. Additional specimens: Managua (1) Nov.
- Morys geisa lyde*\* (Godman, 1900). (6♂7♀). Bluefields 2♂2♀ Jan, 1♀ Oct, 1♂ Dec; Nueva Guinea 1♂ Aug, 1♀ Oct; Rama 1♂2♀ Mar; Granada 1♂1♀ Mar.
- Morys valerius valda* Evans, 1955. (1♂). Pochomil 1♂ Jul.
- Lerema accius accius* (J.E. Smith, 1797). (1♂2♀). Nueva Guinea 1♂ Aug, 2♀ Oct.
- Lerema lumina*\* (Herrich-Schäffer, 1869). (6♂1♀). Matagalpa N. 1♂ Jan, 1♀ Jul, 1♂ Aug, 2♂ Sep 1♂ Dec; Managua 1♂ Jan. Additional specimens: Jinotega (1) Aug; Matagalpa N. (5) May, Sep, Dec.
- Lerema ancillaris liris* Evans, 1955. (9♂6♀). Managua 1♂ May, 2♂2♀ Jul, 2♂ Aug, 2♂ Sep, 1♂1♀ Nov, 1♀ Dec; Corinto 1♂1♀ Jun; Granada 1♀ Jul. Additional specimens: Managua (11) Jan, Jun, Jul, Sep, Oct, Nov, Dec.  
Evans (1955) treats *liris* Evans, 1955 (Mexico to Costa Rica) as a subspecies of *Lerema ancillaris* (South America). Opler & Warren (2002) raised the status of *liris* and *ancillaris* to species level citing their separate geographical distributions. I followed Mielke (2005) and treat *liris* as a subspecies.
- Moeris striga stroma* Evans, 1955. (8♂3♀). Las Nubes 1♂1♀ Feb, 1♂ May, 1♂1♀ Aug, 2♂ Oct; Managua 1♀ Feb, 2♂ Mar, 1♂ Jul. Additional specimens: Las Nubes (9) Feb, May, Aug, Oct, Nov.
- Remella vopiscus*\* (Herrich-Schäffer, 1869). (2♂2♀). Managua 1♂ Jan; Nueva Guinea 1♂ Aug, 2♀ Oct. Additional specimens: Las Nubes (5) Feb, Mar, May, Nov, Dec; Matagalpa N. (1) May; Managua (1) Sep.
- Remella remus* (Fabricius, 1798). (1♂). Nueva Guinea 1♂ Aug.
- Remella rita* (Evans, 1955). (9♂4♀). Las Nubes 1♂ Jun, 1♂2♀ Aug, 2♂1♀ Oct, 1♂1♀ Nov, 1♂ Dec; Managua 1♂ Mar, 1♂ Nov; Matagalpa N. 1♂ Sep.
- Monca telata telata*\* (Herrich-Schäffer, 1869). (3♂). Managua 1♂ Aug, 2♂ Oct.
- Cymaenes alumna*\* (Butler, 1877). (4♂6♀). Nueva Guinea 2♂3♀ Aug, 2♂1♀ Oct; Rama 2♀ Mar.
- Cymaenes odilia trebius* (Mabille, 1891). (7♂4♀). Managua 1♀ Jun, 1♂ Jul, 1♂1♀ Aug, 2♂2♀ Nov; Matagalpa S. 1♂ Jul; Bluefields 1♂ Dec; Granada 1♂ Sep.  
Additional specimens: Las Nubes (3) Aug, Nov, Dec; Managua (4) Jan, Apr, Oct, Dec.
- Cymaenes fraus* (Godman, 1900). (1♂1♀). Bluefields 1♀ Oct; Granada 1♂ Mar.
- Cymaenes laureolus laureolus*\* (Schaus, 1913). (2♂). Matagalpa N. 2♂ Nov.
- Cobalopsis nero*\* (Herrich-Schäffer, 1869). (3♂). Managua 2♂ Dec; Las Nubes 1♂.
- Cobalopsis autumnna*\* (Plötz, 1882). (1♂). Nueva Guinea 1♂ Oct.
- Phanes aletes* (Geyer, 1832). (1♀). Rama 1♀ Mar.

- Phanes almoda*\* (Hewitson, 1866). (1♂). Bluefields 1♂ Dec.
- Thargella caura caura* (Plötz, 1882). (2♂2♀). Bluefields 1♂ Apr, 2♀ Dec; Nueva Guinea 1♂ Oct.
- Flaccilla aecas* (Stoll, 1781). (1♂). Nueva Guinea 1♂ Oct.
- Callimormus saturnus* (Herrich-Schäffer, 1869). (18♂7♀). Managua 3♂ Jan, 1♂ Apr, 2♂1♀ Jun, 5♂4♀ Jul, 1♂ Sep, 1♂ Oct, 2♂1♀ Nov; Las Nubes 1♂ Feb, 2♂ Aug, 1♀ Dec. Additional specimens: Managua (14) Apr, Jul, Sep, Oct, Nov, Dec; Matagalpa S. (1) Dec.
- Callimormus juvenus*\* Scudder, 1872. (9♂1♀). Managua 2♂ Jan, 1♂1♀ Nov; Las Nubes 4♂ Apr, 1♂ Jun; Matagalpa S. 1♂ Aug.
- Callimormus radiola radiola* (Mabille, 1878). (6♂). Nueva Guinea 3♂ Aug; Bluefields 1♂ Jan, 1♂ Apr, 1♂ Jun.
- Virga virginus*\* (Möschler, 1883). (3♂1♀). Jinotega 3♂1♀ Jan.
- Virga xantho*\* (Schaus, 1913). (4♂1♀). San Carlos 1♂1♀ Sep; Granada 3♂ Mar.
- Eprius veleda veleda*\* (Godman, 1901). (1♀). Rama 1♀ Mar.
- Apaustus menes*\* (Stoll, 1782). (2♂1♀). Bluefields 1♂1♀ Oct, 1♂ Dec.
- Apaustus gracilis gracilis* (C. & R. Felder, 1867). (2♂1♀). Nueva Guinea 2♂1♀ Aug.
- Eutocus facilis* (Plötz, 1884). (5♂1♀). Nueva Guinea 2♂ Oct; San Carlos 2♂ Sep; Bluefields 1♀ Jan, 1♂ Oct.
- Sodalia sodalis* (Butler, 1877). (4♂7♀). Bluefields 1♂ Jan, 1♀ Jun, 1♀ Oct, 3♂4♀ Dec; Nueva Guinea 1♀ Oct.
- Mnasicles hicetaon*\* Godman, 1901. (6♂). Managua 2♂ Jan, 1♂ Feb, 3♂ Dec.
- Methionopsis ina*\* (Plötz, 1882). (6♂1♀). Managua 1♂ Apr, 2♂ Oct, 2♂ Nov; Las Nubes 1♀ Dec; Bluefields 1♂ Dec.
- Mnaseas bicolor* (Mabille, 1889). (1♂2♀). Bluefields 1♂2♀ Dec. Revised status, see below.
- Mnaseas macia*\* Evans, 1955. (7♂2♀). Bluefields 3♂ Jan, 3♂2♀ Dec; Rama 1♂ Mar. Revised status. Evans (1955) treats *macia* as a subspecies of *Mnaseas bicolor* (Mabille, 1889), but since the two occur together in Bluefields, *macia* and *bicolor* are treated as valid species.
- Nastra leucone leucone*\* (Godman, 1900). (6♂6♀). Matagalpa N. 6♂6♀ Jul. Additional specimens: Jinotega (2) Jul.
- Mnasinous patage*\* Godman, 1900. (2♂). Matagalpa N. 2♂ Dec.
- Mnasilus allubita*\* (Butler, 1870). (9♂4♀). San Carlos 4♂2♀ Sep; Granada 1♂1♀ Nov; Ciudad Darío 2♂1♀ Jan; Rama 1♂ Mar; Managua 1♂ Dec. Additional specimens: Ciudad Darío (4) Jan; Granada (1) Nov; Managua (1) Dec.
- Mnasitheus chrysochrysis*\* (Mabille, 1891). (1♀). Bluefields 1♀ Jan.
- Vehilius stictomenes illudens* (Mabille, 1891). (7♂3♀). Managua 1♂3♀ Sep; Matagalpa N. 1♂ Jul, 1♂ Aug; Rama 1♂ Mar; Bluefields 1♂ Dec; Nueva Guinea 1♂ Oct; San Carlos 1♂ Sep. Additional specimens: Bluefields (1) Jan; Managua (4) May, Jul, Aug.
- Vehilius vetula*\* (Mabille, 1878). (5♂6♀). Bluefields 1♂ Jan, 1♂ Jun, 3♂6♀ Dec. Additional specimens: Bluefields (3) Dec.
- Vehilius inca* (Scudder, 1872). (5♂2♀). Managua 1♀ Jan, 1♀ Jun, 1♂ Jul, 1♂ Nov; Las Nubes 1♂ Jan; Matagalpa N. 1♂ Jul; San Carlos 1♂ Sep.
- Vehilius* sp. nr. *inca* (Scudder, 1872). (1♀). Rama 1♀ Jan.
- Parphorus?* sp.\* undescribed. (1♂2♀). Nueva Guinea 1♂1♀ Oct; Bluefields 1♀ Dec.

- Examination by Steve Steinhauser indicates this is the same as or near an undescribed species from Guyana. However, what genus applies is not clear.
- Parphorus storax*\* (Mabille, 1891). (3♂). Bluefields 3♂ Dec.
- Parphorus decora*\* (Herrich-Schäffer, 1869). (2♂). Bluefields 2♂ Dec.
- Perichares philetus adela* (Hewitson, 1867). (3♂2♀). Managua 1♂ Aug, 1♀ Nov, 1♂ Dec; Granada 1♀ Sep; Matagalpa N. 1♂ Sep. Additional specimens: Managua (1) Aug; Jinotega (1) Jan.
- Telles arcalaus*\* (Stoll, 1782). (5♂3♀). Managua 1♂1♀ Feb, 1♀ Mar, 1♂ Apr, 1♂1♀ Nov, 2♂ Dec. Additional specimens: Managua (2) Nov, Dec.
- Tromba xanthura*\* (Godman, 1901). (1♂3♀). Managua 1♂ Jan, 3♀ Feb. Additional specimens: Managua (1) Jan.
- Orses cynisca* (Swainson, 1821). (1♂). Managua 1♂ Nov.
- Talides cantra* Evans, 1955. (2♂). Managua 1♂ Feb, 1♂ Oct.
- Carystoides basoches*\* (Latreille, [1824]). (1♂2♀). Managua 1♀ Jan, 1♂ Feb, 1♀ Mar.
- Enosis immaculata immaculata*\* (Hewitson, 1868). (1♂1♀). Matagalpa N. 1♂ Sep, 1♀ Oct.
- Enosis achelous*\* (Plötz, 1882). (5♂1♀). Bluefields 2♂ Dec; Nueva Guinea 1♂ Jul, 2♂1♀ Aug.
- Cobalus virbius fidicula*\* (Hewitson, 1877). (2♂). Nueva Guinea 1♂ Aug, 1♂ Oct.
- Argon lota* (Hewitson, 1877). (1♂6♀). Managua 2♀ Jan, 1♀ Jun, 1♂ Oct, 1♀ Nov; Corn Is. 1♀ Apr; Bluefields 1♀ Jun.
- Dubiella fiscella belpa* Evans, 1955. (1♂). Bluefields 1♂ Apr.
- Vertica verticalis coatepeca* (Schaus, 1902). (1♀). Bluefields 1♀ Dec.
- Orphe gerasa* (Hewitson, 1867). (3♀). Nueva Guinea 3♀ Oct.
- Cynea irma*\* (Möschler, 1879). (1♂2♀). Managua 1♂ no date, 1♀ Apr, 1♀ May.
- Cynea diluta*\* (Herrich-Schäffer, 1869). (1♂1♀). Bluefields 1♂1♀ Dec.
- Cynea corisana*\* (Plötz, 1882). (1♂). Bluefields 1♂ Dec.
- Cynea cynea* (Hewitson, 1876). (3♂1♀). Nueva Guinea 1♂ Jul, 1♀ Oct; Bluefields 1♂ Dec; San Carlos 1♂ Mar.
- Decinea lucifer*\* (Hübner, [1831]). (5♂2♀). Nueva Guinea 1♂ Oct; Rama 1♂ Mar; Bluefields 1♂ Dec; Managua 1♀ Jul, 1♂ Nov; Matagalpa N. 1♂ May; Matagalpa S. 1♀ Dec.
- Quinta cannae*\* (Herrich-Schäffer, 1869). (5♂6♀). Managua 3♂2♀ Jan, 1♀ Jun, 1♂ Aug, 1♂3♀ Dec. Additional specimens: Managua (13) Jan, Feb, Jul, Oct, Nov, Dec; Las Nubes (1) Nov.
- Rhinthon cubana oasca*\* (Plötz, 1882). (1♂5♀). Managua 1♂ Jul, 1♀ Aug, 2♀ Sep; Matagalpa N. 1♀ Sep; Las Nubes 1♀ Aug.
- Saturnus saturnus saturnus*\* (Fabricius, 1787). (1♂3♀). Nueva Guinea 1♂2♀ Aug; Rama 1♀ Mar.
- Conga chydaea* (Butler, 1877). (8♂5♀). Managua 1♂ Jun, 1♂1♀ Jul, 1♂1♀ Oct, 2♀ Dec; Bluefields 2♂ Apr, 2♂1♀ Dec; Nueva Guinea 1♂ Oct. Additional specimens: Bluefields (3) Dec; Las Nubes (1) Oct; Managua (4) Jan, Aug, Dec.
- Mucia zygia*\* (Plötz, 1886). (1♂1♀). Managua 1♀ Jul, 1♂ Dec.
- Ancyloxypha arene*\* (W.H. Edwards, 1871). (12♂1♀). Jinotega 4♂ Jan; Matagalpa N. 3♂ Jul, 1♂ Aug, 4♂ Oct; Ciudad Darío 1♀ Jul.
- Hylephila phyleus phyleus* (Drury, 1773). (1♂3♀). Managua 1♀ May, 1♀ Jul; Granada 1♀ Jul; Pochomil 1♂ Jul. Additional specimens: Managua (1) Aug.

- Copaeodes minima*\* (W.H. Edwards, 1870). (7♂1♀). Managua 2♂ Apr, 2♂1♀ Jul, 3♂ Aug. Additional specimens: Pochomil (1) Jan; Managua (9) Apr, May, Jun, Jul, Oct.
- Wallengrenia otho otho* (J.E. Smith, 1797). (2♂4♀). Managua 1♂ Jan, 1♀ Jun, 1♂1♀ Jul; Matagalpa S. 1♀ Jul; Granada 1♀ Jul. Additional specimens: Managua (3) Jun, Jul, Nov.
- Quasimellana myron* (Godman, 1900). (3♂2♀). Matagalpa N. 1♂ Mar; Managua 1♀ Feb, 1♂ Jun; Nueva Guinea 1♀ Oct; Bluefields 1♂ Dec.
- Quasimellana eulogius*\* (Plötz, 1882). (12♂9♀). Managua 1♂ Jan, 3♂ Feb, 4♀ Jun, 2♂ Jul, 1♂ Aug, 3♀ Sep, 2♂ Oct; Granada 2♂1♀ Jul; Matagalpa N. 1♀ Sep; Matagalpa S. 1♂ Dec. Additional specimens: Managua (16) Apr, May, Jun, Jul Aug, Oct, Dec; Granada (1) Jul.
- Quasimellana fieldi* (Bell, 1942). (3♂). Managua 1♂ Apr, 1♂ May, 1♂ Nov.
- Atalopedes campestris campestris* (Boisduval, 1852). (3♂3♀). Managua 1♀ Jun; Matagalpa N. 1♂1♀ Sep, 1♀ Oct; Las Nubes 1♂ May; Matagalpa S. 1♂ Aug. Additional specimens: Matagalpa N. (1) Mar.
- Polites vibex praeceps* (Scudder, 1872). (4♂2♀). Managua 1♀ Mar, 2♂1♀ Jun, 2♂ Jul. Additional specimens: Jinotega (1) Jan; Bluefields (1) Jun; Granada (1) Jul; Managua (12) Feb, May, Jul, Aug, Oct, Nov.
- Polites subreticulata*\* (Plötz, 1883). (8♂5♀). Managua 7♂2♀ Jun, 2♀ Jul, 1♂ Sep; Pochomil 1♀ Jul. Additional specimens: Managua (10) Jun, Jul, Aug, Sep.
- Pompeius pompeius* (Latreille, [1824]). (3♂3♀). Managua 1♀ Jan, 1♀ May, 1♀ Jun; Las Nubes 2♂ Apr; Rama 1♂ Mar. Additional specimens: Jinotega (1) Jul; Bluefields (2) Apr, Dec; Las Nubes (2) May, Oct; Managua (5) Jan, Feb, Apr, Jul.
- Poanes zabulon* (Boisduval & Leconte, [1837]). (7♂2♀). Matagalpa N. 2♂ Jan, 1♀ Mar, 1♂ Jul, 2♂ Sep, 2♂1♀ Dec. Additional specimens: Matagalpa N. (5) May, Oct, Dec.
- Poanes melane poa*\* (Evans, 1955). (4♂1♀). Matagalpa N. 1♂1♀ Mar, 1♂ Jul, 1♂ Aug, 1♂ Sep.
- Poanes inimica*\* (Butler & H. Druce, 1872). (6♂3♀). Las Nubes 3♂ Jan, 1♂ Feb, 1♀ Aug; Matagalpa N. 1♀ Mar, 2♂ Jul, 1♀ Oct. Additional specimens: Matagalpa N. (2) Mar; Las Nubes (3) Aug, Nov.
- Halotus rica*\* Bell, 1942. (1♀). Managua 1♀ Jul.
- Euphyes peneia*\* (Godman, 1900). (1♂3♀). Managua 2♀ Apr, 1♀ May, 1♂ Jul.
- Euphyes ampa*\* Evans, 1955. (1♀). Bluefields 1♀ Dec.
- Amblyscirtes tolteca tolteca*\* Scudder, 1872. (11♂1♀). Managua 1♂ Apr, 4♂ May, 3♂ Jun; Granada 1♂1♀ Jul, 2♂ Aug. Additional specimens: Managua (4) Jun, Jul, Sep; Jinotepe (1) May.
- Repens florus*\* (Godman, 1900). (6♂3♀). Managua 2♂ Jul, 2♂1♀ Aug, 2♂1♀ Sep; Ciudad Darío 1♀ Jun.
- Lerodea eufala eufala*\* (W.H. Edwards, 1869). (4♂). Managua 2♂ Jun, 1♂ Sep, 1♂ Dec. Additional specimens: Managua (4) Feb, Apr, Jul; Las Nubes (1) Oct.
- Lerodea arabus*\* (W. H. Edwards, 1882). (3♂). Managua 2♂ May, 1♂ Aug. Previously determined as *dysaules* Godman, 1900 now considered a synonym of *arabus*. (see Warren & Mielke, 2005).
- Saliana esperi esperi* Evans, 1955. (7♂1♀). Bluefields 1♂ Oct, 3♂1♀ Dec; Rama 2♂ Mar; Las Nubes 1♂ Aug. Additional specimens: Nueva Guinea (1) Oct.
- Saliana fusta* Evans, 1955. (1♀). Bluefields 1♀ Dec.

- Saliana longirostris* (Sepp, [1840]). (1♂). Bluefields 1♂ Dec.
- Saliana triangularis* (Kaye, 1914). (1♂1♀). Bluefields 1♂1♀ Dec.
- Calpodex ethlius* (Stoll, 1782). (1♂1♀). Managua 1♂1♀ Jul. Additional specimens: Managua (1) Aug.
- Neoxeniades scipio luda* \* (Hewitson, 1877). (1♀). Bluefields 1♀ Apr.
- Neoxeniades* sp. undescribed.\* (2♂). Matagalpa N. 2♂ Jul.
- Examination by Steve Steinhauser indicates this species is the same or very similar to an undescribed *Neoxeniades* species from Colombia.
- Thracides phidon* (Cramer, 1779). (1♂1♀). Bluefields 1♂ Dec; Managua 1♀ Jan.
- Aroma aroma*\* (Hewitson, 1867). (2♀). Bluefields 2♀ Dec.
- Panoquina panoquinoides panoquinoides*\* (Skinner, 1891). (8♂2♀). Bluefields 1♂ Apr, 5♂ Jun, 1♂ Jul; El Veleró 1♂ Aug; Pochomil 1♀ Jul; Puerto Sandino 1♀ Dec.
- Panoquina ocola ocola* (W.H. Edwards, 1863). (3♂1♀). Granada 2♂ Jul; Managua 1♂ Jun; San Carlos 1♀ Sep.
- Panoquina lucas lucas* (Fabricius, 1793). (6♂3♀). Managua 1♀ Jun, 1♂1♀ Jul; Rama 1♂1♀ Mar; Bluefields 1♂ Jan, 2♂ Oct; Pochomil 1♂ Jul. Additional specimens: Managua (7) Jul, Aug, Oct;
- This is usually identified as *Panoquina sylvicola* (Herrich-Schäffer, 1865) but *sylvicola* is a synonym. (see Opler & Warren, 2002).
- Panoquina hecebolus* (Scudder, 1872). (4♂2♀). Managua 1♂ Apr, 2♀ Jul, 2♂ Sep; Matagalpa N. 1♂ Sep.
- Panoquina evansi*\* (Freeman, 1946). (5♂2♀). Managua 2♂1♀ Jun, 2♂ Sep, 1♀ Nov; Granada 1♂ Nov. Additional specimens: Managua (4) Apr, Jul, Sep, Dec.
- Vacerra caniola caniola*\* (Herrich-Schäffer, 1869). (2♀). Nueva Guinea 1♀ Aug, 1♀ Oct.
- Vacerra egle egle* (Hewitson, 1877). (1♂). Nueva Guinea 1♂ Aug.
- Thespieus macareus* (Herrich-Schäffer, 1869). (7♂). Las Nubes 2♂ Feb, 1♂ Mar, 1♂ Apr, 1♂ Oct; Matagalpa N. 1♂ Sep, 1♂ Oct.
- Nyctelius nyctelius nyctelius* (Latreille, [1824]). (2♂3♀). Matagalpa N. 1♀ Oct; Managua 1♂1♀ Oct; Pochomil 1♂1♀ Jul. Additional specimens: Managua (10) May, Jun, Jul, Sep, Oct; Granada (1) Jul.
- Niconiades nikko* Hayward, 1948. (1♀). Managua 1♀ Dec.
- Niconiades xanthaphes* Hübner, [1821]. (2♂). Bluefields 1♂ Jan, 1♂ Apr.
- Niconiades* sp.\* undescribed. (2♂1♀). Bluefields 1♂ Aug; Nueva Guinea 1♂1♀ Aug.
- Undescribed status determined by Stan Nicolay and Steve Steinhauser.



### COLLECTING SITES

The collecting sites mentioned in the list are tabulated below. Where I was able, a brief description of the site is given, however the comments are based on my memory of the localities as they were thirty years ago. The number preceding each site refers to its location on the map.

1. Managua. Various sites around Managua are consolidated here as one location. Specific locations include residential areas 10 km. SE; developing residential area and coffee plantation 15 km. S; disturbed secondary growth 14 km. E; and residential area near Lake Jilao.
2. Las Nubes. Also includes adjacent locality of El Crucero. The area is approximately 20-25 km. S. of Managua and generally at 600-700 meters with disturbed secondary growth and coffee plantations.
3. Granada. Includes several nearby areas of disturbed growth both east and west of Granada.
4. Corinto. Salt marsh flats.
5. Pochomil. Coastal dry scrub with disturbed forest with secondary brush, and includes the nearby locality of Masachapa.
6. Nueva Guinea. Tropical rain forest and extensive secondary growth. Includes the nearby locality of Yolina.
7. Jinotepe.
8. Matagalpa N. Listed separately from Matagalpa S. because the elevation and habitats are significantly different. An area 10-15 km. N. of Matagalpa, generally at 1000-1200 meters and includes open pasture, some temperate pine and deciduous forests, tropical forest, and tree fern forests.



9. Matagalpa S. Disturbed secondary growth and dry pasture approximately 4 km. S. of Matagalpa.
10. Jinotega. Disturbed secondary growth.
11. Santo Tomás.
12. Rama. Disturbed tropical rain forest.
13. Bluefields. Disturbed tropical rain forest.
14. Corn Island.
15. Puerto Sandino. Coastal dry scrub with disturbed secondary brush and cattle pasture.
16. Boaco.
17. San Juan Del Norte. Disturbed tropical rain forest.
18. San Carlos. Disturbed secondary tropical growth
19. Ciudad Darío.
20. El Velero.

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