

A LIST OF THE RHOPALOCERA OF  
BARRO COLORADO ISLAND,  
CANAL ZONE, PANAMA

---

---

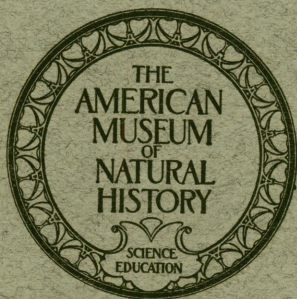
By E. IRVING HUNTINGTON

---

---

BULLETIN  
OF  
THE AMERICAN MUSEUM OF  
NATURAL HISTORY

VOLUME LXIII, 1932  
ARTICLE III



NEW YORK

April 16, 1932





**Article III.**—A LIST OF THE RHOPALOCERA OF BARRO COLORADO ISLAND, CANAL ZONE, PANAMA, WITH DESCRIPTIONS OF TWO NEW SPECIES OF THECLINÆ

BY E. IRVING HUNTINGTON

This is a report upon the collections made during a visit to the Laboratory of the Institute for Research in Tropical America, Barro Colorado Island, Canal Zone, Panama, from November 5 to December 5, 1930. In addition to the records of specimens obtained during this visit, the present list includes the records of Mr. Ernest L. Bell who made a collecting trip to the Canal Zone lasting from October 13 to October 23, 1928, and of Mr. C. H. Curran, Associate in Diptera at The American Museum of Natural History, who made Barro Colorado Island his headquarters for the period extending from December 19, 1928, to February 23, 1929. Except where otherwise noted, all records of capture are by the author.

It is hoped that this paper on Barro Colorado Island may be not only a useful addition to the already published lists of the Lepidoptera of Panama in general, but that it may serve as a basis for further work on the fauna of this laboratory island in particular. Panama is exceedingly interesting in that it furnishes a connecting link between the Central American and South American faunas, and a further knowledge of the species occurring on Barro Colorado is greatly to be desired, especially as this island has been set aside by the government as a permanent biological reservation.

The present report includes many records from adjacent localities in the Canal Zone; these should serve to supplement the records from Barro Colorado Island. Frijoles is situated on the shores of Gatun Lake about three-quarters of a mile to the east of Barro Colorado Island. Chiva Chiva Trail is but a short distance from Pedro Miguel and Corozal lies about three miles to the northwest of Ancon.

Mr. Ernest L. Bell kindly made all the identifications of *Hesperiidæ*. Mr. C. H. Curran and particularly Mr. Frank E. Watson helped very greatly in other families.

This paper lists the following number of species and forms:

	Barro Colorado Island	Canal Zone
Papilionidæ	5	5
Pieridæ	13	18
Danaidæ	14	16
Satyridæ	16	17
Brassolidæ	2	3
Morphidæ	2	2
Nymphalidæ	39	49
Erycinidæ	40	45
Lycenidæ	37	41
Hesperiidæ	99	143
	—	—
TOTAL	267	339

### PAPILIONIDÆ

#### *Papilio sesostris tarquinius* Boisduval

Barro Colorado Island, January 6, 1929, 2 males (Curran). One of these specimens has the red spot on the secondaries while the other specimen is without this spot.

#### *Papilio erithalion sadyattes* Druce

Barro Colorado Island, January 10, 1929, 1 female (Curran); November 7, 1930, 1 male; November 30, 1930, 1 female. The two specimens taken on November 7 and November 30, 1930, respectively, were collected by the author in the Laboratory clearing.

#### *Papilio polydamas polydamas* Linnaeus

Barro Colorado Island, November 9, 1930, 1 female; December 4, 1930, 1 female. Corozal, January 16, 1929, 1 female (Curran). The specimens from Barro Colorado were taken in the clearings at the Laboratory and "Rear Light 8."

#### *Papilio belus varus* Kollar

Barro Colorado Island, December 23, 1928, 1 male (Curran).

#### *Papilio thoas neacles* Rothschild and Jordan

Barro Colorado Island, November 10, 1930, 1 male; November 22, 1930, 1 male; November 23, 1930, 1 male; December 1, 1930, 1 male. Corozal, November 17, 1930, 1 female. This species was common on wet rocks in the stream at the north edge of the Laboratory clearing.

**PIERIDÆ*****Itaballia demophile* Linnæus**

Barro Colorado Island, February 12, 13, 1929, 5 males, 1 female (Curran); November 12, 1930, 1 male; November 25, 1930, 1 male (H. F. Schwarz); December 1, 2, 4, 1930, 3 males, 1 female. The specimens collected on Barro Colorado by Mr. H. F. Schwarz and the writer were taken on the Snyder-Molino and Miller Trails.

***Itaballia pisonis* Hewitson**

Barro Colorado Island, December 29, 1928, 1 male (Curran); January 6, 8, 1929, 2 females (Curran); November 10, 14, 15, 1930, 2 males, 2 females.

***Perrhybris pyrrha* Fabricius**

Barro Colorado Island, December 26, 1928, 1 male, 1 female (Curran); December 30, 1928, 1 female (Curran); January 6, 1929, 1 female (Curran); February 15, 1929, 1 female (Curran); November 8, 1930, 1 female; December 1, 1930, 1 female (H. F. Schwarz). The females of this species collected by Mr. H. F. Schwarz and the writer on Barro Colorado were taken along the forest trails. Seitz states that the males are fond of moist places on the ground.

***Appias drusilla drusilla* Cramer**

Barro Colorado Island, November 10, 24, 25, 1930, 5 males. Corozal, February 4, 1929, 1 male (Curran). The specimens from Barro Colorado were taken by the writer on wet rocks in the stream to the north of the Laboratory.

***Eurema proterpia proterpia* Fabricius**

Corozal, November 17, 1930, 1 male. Chiva Chiva Trail, November 24, 1930, 2 males.

***Eurema nise perimede* Prittwitz**

Barro Colorado Island, December 21, 1928, 2 males (Curran). Corozal, January 16, 1929, 1 male (Curran); November 17, 1930, 2 males. Chiva Chiva Trail, November 24, 1930, 1 female. Summit, November 26, 1930, 1 female. Paitilla Point, November 20, 1930, 1 female.

**Eurema elathea form tegea** Felder

Barro Colorado Island, December 4, 1930, 1 female. Corozal, January 16, 1929, 3 females (Curran); November 17, 1930, 1 male. Chiva Chiva Trail, November 24, 1930, 1 female. The Barro Colorado specimen was taken in the clearing at "Rear Light 8."

**Eurema eugenia** Wallengren

Corozal, January 15, 1929, 2 males (Curran).

**Eurema palmyra lydia** Felder

Barro Colorado Island, November 23, 1930, 1 female. Corozal, January 16, 21, 1929, 3 males, 2 females (Curran); November 17, 1930, 2 males. Summit, November 26, 1930, 1 male. Chiva Chiva Trail, November 24, 1930, 1 male.

**Eurema albula** Cramer

Corozal, January 19, 1929, 2 females (Curran).

**Eurema albula form sinoe** Godart

Barro Colorado Island, December 21, 23, 25, 1928, 4 males (Curran); January 10, 12, 1929, 3 males (Curran); November 7, 1930, 1 male. Corozal, February 4, 1929, 1 male (Curran). Paitilla Point, January 15, 1929, 1 female (Curran).

**Eurema agave agave** Cramer

Barro Colorado Island, December 27, 1928, 1 male (Curran); November 21, 23, 1930, 1 male, 1 female. Frijoles, November 9, 1930, 1 male.

**Eurema phiale phiale** Cramer

Corozal, November 17, 1930, 2 males. Chiva Chiva Trail, November 24, 1930, 1 female.

**Phoebis eubule marcellina** Cramer

Corozal, February 4, 1929, 1 male (Curran); November 17, 1930, 1 female. Summit, November 26, 1930, 1 female.

**Phoebis argante argante** Fabricius

Barro Colorado Island, November 6, 10, 22, 1930, 3 males. Corozal, February 4, 1929, 1 male (Curran). Chiva Chiva Trail, November 24, 1930, 1 male. Taken by the writer on Barro Colorado on wet rocks in the stream on the north side of the Laboratory clearing.

**Phœbis trite trite** Linnæus

Barro Colorado Island, November 22, 1930, 1 male.

**Aphrissa statira statira** Cramer

Barro Colorado Island, November 23, 24, 1930, 2 males. These two specimens were taken on wet rocks in the stream on the north side of the Laboratory clearing.

**Aphrissa statira statira** form **boisduvali** Felder

Barro Colorado Island, November 24, 1930, 2 males. Taken with the preceding on wet rocks.

**DANAIDÆ****Danainæ****Danaïs plexippus nigrippus** Haensch

"Rio Trinidad, Panama." 2 males. No date. Collector unknown. While no examples of this widespread species were taken either by Mr. Bell, Mr. Curran, or the author, it undoubtedly occurs throughout the Canal Zone and is, in fact, listed by Dyar from Ancon ('Report on the Lepidoptera of the Smithsonian Biological Survey of the Panama Canal Zone,' Proceedings U. S. National Museum, No. 2050, XLVII, p. 144). The two specimens here listed are in the collection of The American Museum of Natural History.

**Danaïs berenice** Cramer

Barro Colorado Island, December 1, 1930, 1 female. Summit, November 26, 1930, 2 males. Frijoles, November 9, 1930, 1 male. The specimen from Barro Colorado was taken in the clearing at "Rear Light 8."

**Danaïs eresimus** Cramer

Barro Colorado Island, January 6, 1929, 1 male (Curran).

**Lycoreinæ****Lycorea cleobala atergatis** Doubleday and Hewitson

Barro Colorado Island, November 23, 1930, 1 female. This specimen was raised from a larva taken on a papaya tree in the Laboratory clearing November 11, 1930, by Donato Carillo, the caretaker of the Laboratory. The imago emerged November 23, 1930.

**Ithomiinæ*****Melinæa idæ* Felder**

Barro Colorado Island, December 21, 1928, 1 female (Curran); January 6, 1929, 1 female (Curran); November 10, 1930, 1 male. Corozal, January 19, 1929, 1 male (Curran); February 1, 1929, 1 female (Curran).

***Melinæa messatis parallelis* Butler**

Barro Colorado Island, January 6, 1929, 1 male (Curran)

***Mechanitis polymnia* Linnæus**

Barro Colorado Island, December 24, 1928, 1 female (Curran); December 26, 1928, 1 male (Curran).

***Mechanitis isthmia* Bates**

Barro Colorado Island, December 4, 1930, 1 female. Corozal, January 19, 21, 1929, 1 male, 2 females (Curran). The single specimen from Barro Colorado was taken at the "Rear Light 8" clearing.

***Mechanitis macrinus* Hewitson**

Barro Colorado Island, November 15, 1930, 1 male; December 1, 1930, 1 male. This species occurs on the trails in the forest, the specimen captured December 1, 1930, having been taken on the Miller Trail.

***Ceratinia cleis* Bates**

Barro Colorado Island, December 22, 25, 27, 1928, 2 males, 2 females (Curran); January 1, 1929, 2 females (Curran); January 8, 10, 1929, 1 male, 3 females (Curran); February 15, 1929, 1 male (Curran); November 10, 15, 1930, 3 males. Corozal, February 4, 1929, 2 females (Curran). This species was taken by the author on Barro Colorado, along the Allison Armour Trail.

***Ceratinia leucania* Bates**

Barro Colorado Island, December 27, 1928, 1 male (Curran); January 8, 1929, 1 female (Curran); February 15, 1929, 1 male (Curran); November 7, 8, 10, 11, 13, 15, 1930, 7 males, 3 females; November 23, 25, 1930, 1 male, 3 females; December 4, 1930, 1 male. Corozal, February 4, 1929, 1 male (Curran). Found along trails in the forest.

***Napeogenes peridea hemimelæna* Godman and Salvin**

Barro Colorado Island, December 29, 1928, 1 male, 1 female (Curran); January 1, 1929, 1 female (Curran); January 7, 8, 12, 1929, 4



males (Curran); November 10, 15, 1930, 2 females; November 23, 1930, 3 males. The writer found this species more plentiful on the Allison Armour Trail than elsewhere on Barro Colorado.

**Calloleria dorilla** Bates

Barro Colorado Island, December 29, 1928, 1 female (Curran); January 6, 8, 1929, 2 females (Curran); December 1, 1930, 1 female. Corozal, February 4, 1929, 2 males, 1 female (Curran). Taken by the writer on Barro Colorado along the Miller Trail.

**Leucothyris paula** Weymer

Corozal, February 1, 1929, 1 male (Curran).

**Æria eurimedia agna** Godman and Salvin

Barro Colorado Island, December 21, 29, 1928, 1 male, 1 female (Curran); January 6, 7, 8, 1929, 1 male, 3 females (Curran); February 14, 1929, 1 male (Curran); November 10, 1930, 1 male; December 1, 2, 1930, 1 male, 1 female. Corozal, February 4, 1929, 1 female (Curran). The two specimens captured on Barro Colorado, December 1, 2, 1930, were taken on the Miller Trail.

**Hypoleria vanilia libera** Godman and Salvin

Barro Colorado Island, January 8, 1929, 1 female (Curran); November 10, 14, 23, 1930, 2 males, 2 females. Corozal, January 19, 1929, 1 female (Curran). Occurs on Barro Colorado along the trails in the forest.

**SATYRIDÆ**

**Cærois gerdrudtus** Fabricius

Barro Colorado Island, January 6, 1929, 1 female (Curran).

**Callitæra menander** Drury

Barro Colorado Island, December 26, 1928, 1 female (Curran); January 10, 1929, 1 female (Curran); January 12, 1929, 1 female (Curran); November 10, 1930, 1 female; November 14, 15, 1930, 2 males, 1 female; November 30, 1930, 1 female. Corozal, January 19, 1929, 1 female (Curran); January 26, 1929, 1 female (Curran). Most of the specimens taken by the author were found along the Allison Armour Trail.

**Pierella luna luna** Fabricius

Barro Colorado Island, December 21, 1928, 2 males (Curran); December 29, 1928, 1 female (Curran); January 6, 1929, 1 male (Curran);

January 19, 1929, 1 female (Curran); November 6, 1930, 1 male; November 11, 1930, 1 male; December 3, 1930, 1 male (H. F. Schwarz). Corozal, November 17, 1930, 2 males.

***Antirrhæa miltiades* Fabricius**

Barro Colorado Island, January 6, 1929, 1 female (Curran).

***Euptychia hesione* Sulzer**

Barro Colorado Island, December 22, 23, 25, 28, 29, 1928, 5 males, 4 females (Curran); January 6, 7, 10, 12, 1929, 2 males, 3 females (Curran); February 21, 1929, 1 male; November 6, 1930, 1 female; November 16, 1930, 1 female; November 28, 1930, 1 female. Taken by the author at the edge of the Laboratory clearing.

***Euptychia mollina westwoodi* Butler**

Barro Colorado Island, January 6, 7, 1929, 2 females (Curran); November 16, 1930, 1 male; November 29, 1930, 1 female. Corozal, January 16, 1929, 1 male (Curran). Paitilla Point, November 20, 1930, 1 male, 1 female. The author took this species on Barro Colorado at the edge of the Laboratory clearing.

***Euptychia marisea* Dyar**

Barro Colorado Island, December 26, 1928, 1 female (Curran); November 25, 1930, 1 male. This species may be a race of *ocypete* Fabricius.

***Euptychia erigone proba* Weymer**

Corozal, February 24, 1929, 1 female (Curran). Chiva Chiva Trail, November 24, 1930, 1 female.

***Euptychia renata disaffecta* Butler**

Barro Colorado Island, January 6, 1929, 2 females (Curran); November 6, 1930, 1 male; November 25, 1930, 1 female; December 1, 1930, 2 males; December 3, 1930, 1 male. Taken by the author in the clearings at the "Lookout" and "Rear Light 8."

***Euptychia hermes* Fabricius**

Barro Colorado Island, December 21, 22, 25, 29, 30, 1928, 3 males, 5 females (Curran); November 8, 10, 12, 13, 18, 25, 28, 1930, 9 males, 2 females. Frijoles, November 9, 1930, 1 female. Corozal, December 21, 1928, 1 male (Curran); January 19, 1929, 1 male (Curran). This species is abundant on Barro Colorado about the edge of the Laboratory clearing.

**Euptychia libye** Linnæus

Barro Colorado Island, December 22, 1928, 1 female (Curran); December 28, 1928, 1 male (Curran); November 7, 8, 1930, 2 females; November 18, 1930, 1 male; November 24, 1930, 1 male, 1 female.

**Euptychia arnæa** Fabricius

Barro Colorado Island, December 21, 1928, 1 male (Curran); January 6, 1929, 1 male (Curran); January 19, 1929, 1 male (Curran).

**Taygetis celia** Cramer

Barro Colorado Island, January 8, 1929, 1 male (Curran); February 21, 1929, 1 male (Curran).

**Taygetis andromeda** Cramer

Barro Colorado Island, November 21, 1930, 1 female; December 1, 1930, 1 female. The specimen captured November 21, 1930 was taken by the author near the edge of the Laboratory clearing.

**Taygetis andromeda form leuctra** Butler

Barro Colorado Island, December 30, 1928, 1 female (Curran). This may possibly be a distinct species but is referred to *andromeda* Cramer by Godman and Salvin.

**Taygetis godmani** Staudinger

Barro Colorado Island, January 6, 1929, 1 male (Curran); January 8, 1929, 1 female (Curran); November 8, 1930, 1 male; November 25, 1930, 1 male; November 30, 1930, 1 male. Along trails in the forest.

**Taygetis salvini** Staudinger

Barro Colorado Island, January 6, 1929, 2 males (Curran); December 1, 1930, 1 male. Corozal, January 11, 19, 1929, 2 females (Curran).

**BRASSOLIDÆ****Opsiphanes cassiæ** Linnæus

Barro Colorado Island, November 23, 1930, 1 female. Taken in the Laboratory clearing.

**Caligo oileus form scamander** Boisduval

Barro Colorado Island, January 8, 1929, 1 female (Curran).

**Caligo eurilochus sulanus** Fruhstorfer

France Field, February 18, 1929, 1 male (Curran).

**MORPHIDÆ*****Morpho amathonte centralis* Staudinger**

Barro Colorado Island, December 30, 1928, 1 male (Curran); November 12, 1930, 1 male. Flies at the edges of the forest where the clearings occur and also along the shores of Gatun Lake. Not as common as *M. peleides* and more difficult of capture.

***Morpho peleides* Kollar**

Barro Colorado Island, December 30, 1928, 5 males, 1 female (Curran); January 6, 1929, 5 males (Curran); January 8, 1929, 1 male, 1 female (Curran); February 15, 1929, 1 male (Curran); November 21, 1930, 1 male; December 2, 1930, 1 male; December 4, 1930, 1 male. Along forest paths and at the edges of clearings. It is attracted by decaying bananas.

**NYMPHALIDÆ****Heliconiinae*****Heliconius ismenius fasciatus* Godman and Salvin**

Barro Colorado Island, December 22, 1928, 2 males (Curran); January 8, 1929, 1 male (Curran).

***Heliconius anderida clara* Fabricius**

Barro Colorado Island, January 6, 1929, 1 male (Curran); November 6, 1930, 1 male.

***Heliconius cydno chioneus* Bates**

Barro Colorado Island, December 22, 23, 1928, 2 males, 1 female (Curran); November 15, 25, 1930, 1 male, 1 female; December 1, 1930, 1 male. Corozal, January 18, 1929, 1 female (Curran).

***Heliconius doris* Linnæus**

Barro Colorado Island, November 12, 1930, 1 male.

***Heliconius doris* form *viridis* Staudinger**

Barro Colorado Island, November 16, 30, 1930, 2 males.

***Heliconius doris* form *transiens* Staudinger**

Barro Colorado Island, December 22, 1928, 1 male (Curran).

***Heliconius sapho* Drury**

Barro Colorado Island, January 8, 1929, 1 male (Curran); February 15, 1929, 1 female (Curran); November 10, 1930, 1 male.

***Heliconius magdalena* Bates**

Barro Colorado Island, December 22, 1928, 4 males (Curran); November 10, 1930, 1 male. Fort Randolph, February 6, 1929, 1 male, 5 females (Curran).

***Heliconius erato petiverana* Doubleday and Hewitson**

Barro Colorado Island, December 19, 22, 1928, 4 males (Curran); January 5, 6, 7, 1929, 6 males (Curran); February 15, 1929, 1 female (Curran); November 5, 6, 24, 28, 1930, 4 males, 3 females. Chiva Chiva Trail, November 24, 1930, 1 male. Corozal, January 19, 1929, 2 males; (Curran). Fort Sherman, February 5, 1929, 1 male (Curran). Paitilla Point, November 20, 1930, 1 female. A common species in clearings.

***Heliconius erato petiverana* form *demophoon* Ménétries**

Barro Colorado Island, December 22, 29, 1928, 3 males (Curran); February 14, 1929, 1 female (Curran).

***Heliconius erato petiverana* form *tristis* Riffarth**

Barro Colorado Island, December 1, 1930, 1 male (H. F. Schwarz). Chiva Chiva Trail, November 24, 1930, 1 female. Paitilla Point, November 20, 1930, 1 male.

***Eueides lybia olympia* Fabricius**

Barro Colorado Island, December 1, 3, 1930, 2 males. These specimens were taken on flowering shrubs in the clearing at "Rear Light 8."

***Eueides aliphera* Godart**

Barro Colorado Island, November 10, 1930, 1 female; December 1, 2, 1930, 2 males. Corozal, February 1, 1929, 1 female (Curran). Taken by the writer on Barro Colorado at the "Rear Light 8" clearing on flowering shrubs.

***Colænis julia moderata* Stichel**

Barro Colorado Island, February 15, 1929, 1 female (Curran); November 12, 15, 1930, 1 male, 1 female. Corozal, January 21, 1929, 1 male (Curran). Chiva Chiva Trail, November 24, 1930, 1 male. Paitilla Point, January 15, 1929, 1 female (Curran). Fort Randolph, February 6, 1929, 1 female (Curran).

***Colænis phætusa* Linnæus**

Barro Colorado Island, November 25, 1930, 1 male. Taken in the clearing at the "Lookout."



**Dione juno** Cramer

Barro Colorado Island, January 6, 1929, 1 female (Curran); November 15, 1930, 1 male.

**Nymphalinæ****Phyciodes fragilis** Bates

Corozal, January 16, 1929, 4 males, 2 females (Curran).

**Phyciodes ptolyca** Bates

Barro Colorado Island, October 15, 1928, 1 female (Bell).

**Phyciodes tulcis** Bates

Corozal, January 16, 19, 1929, 1 male, 1 female (Curran). Paitilla Point, November 20, 1930, 1 female. Fort Randolph, January 13, 1929, 1 male (Curran).

**Phyciodes leucodesma** Felder

Corozal, January 16, 1929, 2 males (Curran).

**Phyciodes clara** Bates

Barro Colorado Island, November 6, 1930, 1 female; November 15, 16, 1930, 2 males, 1 female; November 29, 30, 1930, 2 males. Taken in the Laboratory clearing.

**Chlosyne janais** form **adelina** Staudinger

Barro Colorado Island, November 7, 10, 1930, 2 males. Corozal, January 16, 1929, 1 female (Curran).

**Junonia lavinia** Cramer

Barro Colorado Island, November 6, 1930, 1 male. Corozal, February 4, 1929, 1 female (Curran). Summit, November 26, 1930, 2 males. Taken by the writer on Barro Colorado in the Laboratory clearing.

**Junonia genoveva** Cramer

Barro Colorado Island, February 15, 1929, 1 male (Curran). Corozal, January 16, 19, 22, 1929, 2 males, 1 female (Curran).

**Anartia jatropha** Linnæus

Corozal, February 4, 1929, 1 male (Curran). Summit, November 26, 1930, 1 male, 1 female. Fort Randolph, January 23, 1929, 1 male (Curran).

**Anartia fatima** Fabricius

Barro Colorado Island, December 28, 30, 1928, 2 males, 1 female (Curran); January 6, 1929, 1 female (Curran); November 7, 16, 24, 27, 29, 1930, 5 males, 3 females. Corozal, November 17, 1930, 1 male. Chiva Chiva Trail, November 24, 1930, 2 males, 1 female. This species was common on Barro Colorado about the Laboratory clearing.

**Victorina steneles** Linnæus

Corozal, January 16, 19, 1929, 3 females (Curran).

**Megalura chiron** Fabricius

Barro Colorado Island, December 1, 4, 1930, 2 males. Taken on flowering shrubs in the clearing at "Rear Light 8."

**Gynæcia dirce** Linnæus

Barro Colorado Island, December 2, 1930, 1 male. Taken in the clearing at "Rear Light 8."

**Pyrrhogyra otolais** Bates

Barro Colorado Island, December 3, 1930, 1 male (H. F. Schwarz).

**Pyrrhogyra crameri** Aurivillius

Barro Colorado Island, December 22, 29, 1928, 1 male, 1 female (Curran); January 12, 1929, 1 male (Curran).

**Pseudonica flavilla form silvestris** Bates

Barro Colorado Island, December 22, 1928, 1 male (Curran); January 7, 1929, 1 female; November 11, 1930, 1 female; December 1, 1930, 1 male. Corozal, January 16, 21, 1929, 2 males (Curran); February 22, 1929, 1 male (Curran). Chiva Chiva Trail, November 24, 1930, 1 male. Paitilla Point, November 20, 1930, 1 male. Taken by the author on Barro Colorado in the clearing at "Rear Light 8."

**Temenis laothoë form ottonis** Fruhstorfer

Corozal, January 16, 21, 1929, 1 male, 1 female (Curran).

**Catonephele nyctimus** Westwood

Barro Colorado Island, November 6, 1930, 1 male; November 23, 30, 1930, 2 males. Fort Randolph, February 6, 1929, 2 males (Curran). Taken on Barro Colorado by the writer at the "Lookout" clearing.

***Myscelia rogenhoferi* Felder**

Barro Colorado Island, January 6, 1929, 1 male (Curran).

***Catagramma pitheas* Latreille**

Corozal, January 16, 1929, 1 male (Curran).

***Dynamine pieridoides* Felder**

Barro Colorado Island, November 8, 1930, 1 female; November 28, 1930, 1 male.

***Dynamine salpensa* Felder**

Barro Colorado Island, November 28, 1930, 1 male.

***Dynamine thalassina* Boisduval**

Barro Colorado Island, November 25, 1930, 1 male.

***Dynamine mylitta* Cramer**

Barro Colorado Island, January 16, 1929, 1 female (Curran).

***Adelpha cocala lorzæ* Boisduval**

Barro Colorado Island, January 6, 1929, 1 female (Curran).

***Adelpha cytherea* Linnæus**

Corozal, February 1, 1929, 1 male (Curran). Chiva Chiva Trail, November 24, 1930, 1 male.

***Adelpha iphiclus* Linnæus**

Barro Colorado Island, December 1, 1930, 1 male. Corozal, January 21, 1929, 1 male (Curran).

***Adelpha basiloides* Bates**

Barro Colorado Island, November 10, 1930, 1 male.

***Ectima rectifascia* Butler and Druce**

Barro Colorado Island, January 6, 12, 1929, 2 females (Curran).

***Ageronia februa fundania* Fruhstorfer**

Corozal, February 4, 1929, 1 male (Curran). Paitilla Point, November 20, 1930, 1 male.

***Ageronia feronia farinulenta* Fruhstorfer**

Summit, November 26, 1930, 1 male. Corozal, January 16, 1929, 1 male (Curran).

**Prepona demophon** Linnæus

Barro Colorado Island, November 21, 1930, 1 female. Taken near the Laboratory.

**Protopogonius hippona cecrops** Doubleday and Hewitson

Barro Colorado Island, November 30, 1930, 1 female. This specimen was taken in the Laboratory clearing.

**ERYCINIDÆ****Euselasiinæ****Euselasia sergia** Godman and Salvin

Corozal, February 4, 1929, 1 female (Curran).

**Hades noctula** Westwood

Barro Colorado Island, November 5, 14, 1930, 1 male, 1 female; December 1, 3, 1930, 2 males. Summit, November 26, 1930, 1 male. Corozal, January 19, 1929, 1 male (Curran). Taken by the writer on Barro Colorado along the forest trails.

**Erycininæ****Eurybia lycisca** Westwood

Barro Colorado Island, October 19, 1928, 1 female (Bell). Fort Sherman, February 5, 1929, 1 female (Curran).

**Eurybia patrona persona** Staudinger

Barro Colorado Island, December 27, 1928, 1 female (Curran); January 8, 1929, 1 male (Curran); November 8, 10, 1930, 1 male, 1 female; December 3, 1930, 1 female. On Barro Colorado this species occurs along the trails in the forest.

**Mesosemia telegone** Boisduval

Barro Colorado Island, January 13, 1929, 1 male (Curran); November 11, 12, 1930, 1 male, 1 female. Paitilla Point, January 15, 1929, 1 male (Curran).

**Mesosemia zonalis** Godman and Salvin

Barro Colorado Island, January 6, 1929, 1 female (Curran).

**Mesosemia molina** Godman and Salvin

Barro Colorado Island, December 28, 29, 1928, 1 male, 1 female (Curran); November 8, 16, 23, 1930, 7 males, 1 female. Occurs at the edges of the Laboratory clearing.

**Perophtalma tenera** Westwood

Barro Colorado Island, December 29, 1928, 1 male (Curran); January 10, 1929, 1 male (Curran); November 5, 12, 16, 1930, 3 males. Chiva Chiva Trail, November 24, 1930, 1 male.

**Chamælimnas villagomes** Hewitson

Barro Colorado Island, November 15, 1930, 2 males.

**Diorina butes** Linnæus

Barro Colorado Island, December 4, 1930, 1 female. Taken on a flowering shrub in the "Rear Light 8" clearing.

**Ancyluris inca** Saunders

Barro Colorado Island, November 25, 1930, 1 male. Corozal, January 21, 1929, 1 male (Curran). The Barro Colorado specimen was taken at the edge of the "Lookout" clearing.

**Mesenopsis bryaxis** Hewitson

Barro Colorado Island, December 30, 1928, 1 female (Curran).

**Mesenopsis melanochlora** Godman and Salvin

Barro Colorado Island, December 28, 1928, 1 male (Curran).

**Mesene rubella** Bates

Barro Colorado Island, October 15, 1928, 1 male (Bell).

**Mesene silaris** Godman and Salvin

Barro Colorado Island, January 6, 1929, 1 female (Curran).

**Symmachia rubina** Bates

Barro Colorado Island, December 1, 1930, 1 female. Taken at the "Rear Light 8" clearing on a flowering shrub.

**Symmachia accusatrix** Westwood

Barro Colorado Island, December 4, 1930, 1 female. Taken in the "Rear Light 8" clearing.

**Symmachia tricolor** Hewitson

Barro Colorado Island, December 1, 2, 1930, 1 male, 2 females. Corozal, January 19, 1929, 1 female (Curran). The Barro Colorado specimens were taken at the clearing at "Rear Light 8."



**Caria lampeto** Godman and Salvin

Barro Colorado Island, January 3, 1929, 1 male (Curran); December 1, 2, 1930, 2 males. Taken by the writer on flowering shrubs in the "Rear Light 8" clearing.

**Caria colubris fulvimargo** Lathy

Barro Colorado Island, December 1, 1930, 1 female. At flowering shrub in "Rear Light 8" clearing.

**Caria rhacotis** Godman and Salvin

Barro Colorado Island, November 23, 1930, 1 female.

**Chimastrum argentea** Bates

Barro Colorado Island, December 30, 1928, 1 female (Curran).

**Anteros allectus** Westwood

Barro Colorado Island, December 4, 1930, 1 female. Taken on a flowering shrub at the "Rear Light 8" clearing.

**Sarota chrysus** Cramer

Barro Colorado Island, November 29, 30, 1930, 1 male, 1 female.

**Sarota gyas** Cramer

Barro Colorado Island, November 12, 15, 1930, 1 male, 1 female.

**Charis cleonus** Stoll

Barro Colorado Island, December 25, 1928, 1 female (Curran).

**Charis hermodora** Felder

Barro Colorado Island, January 6, 16, 1929, 2 males (Curran); November 7, 8, 10, 11, 18, 23, 1930, 7 males, 2 females. Corozal, November 17, 1930, 1 male. Paitilla Point, January 15, 1929, 1 male (Curran); November 20, 1930, 2 males. Fort Davis, January 15, 1929, 1 male (Curran).

**Charis velutina** Godman and Salvin

Barro Colorado Island, December 25, 26, 1928, 2 males (Curran); January 5, 1929, 1 male (Curran); November 10, 1930, 2 males.

**Charis laverna** Godman and Salvin

Barro Colorado Island, December 29, 1928, 1 female (Curran); November 16, 29, 1930, 2 females; December 3, 1930, 1 male. Frijoles, November 9, 1930, 1 male. Chiva Chiva Trail, November 24, 1930, 3

males. Corozal, February 4, 1929, 4 males; November 17, 1930, 1 female. A common species in open places.

**Charis nilus** Felder

Chiva Chiva Trail, November 24, 1930, 1 male.

**Calydna venusta** Godman and Salvin

Corozal, February 4, 1929, 1 male (Curran).

**Emesis liodes** Godman and Salvin

Barro Colorado Island, December 27, 1928, 1 female (Curran); January 22-24, 1929, 5 males (Curran); November 13, 1930, 1 female; December 2, 1930, 1 female. The female specimen taken December 2, 1930, was found along the Miller Trail.

**Hamearis erostratus** Westwood

Corozal, November 17, 1930, 1 male, 3 females. Taken by the writer on flowers in a field.

**Metacharis victrix** Hewitson

Barro Colorado Island, December 29, 1928, 1 female (Curran); January 5, 6, 7, 8, 12, 1929, 3 males, 2 females (Curran); February 14, 16, 1929, 2 males (Curran); December 4, 1930, 1 female.

**Lemonias pelarge** Godman and Salvin

Barro Colorado Island, November 10, 1930, 1 male.

**Lemonias lasthenes** Hewitson

Barro Colorado Island, January 6, 1929, 1 male (Curran).

**Lemonias cilissa** Hewitson

Barro Colorado Island, November 8, 29, 1930, 1 male, 1 female; December 1, 3, 1930, 1 male, 4 females. Taken by the writer at the "Rear Light 8" clearing.

**Lemonias luciana** Hübner

Corozal, January 16, 1929, 1 female (Curran).

**Nymphidium lamis molpe** Hübner

Barro Colorado Island, November 15, 1930, 1 female; December 3, 1930, 1 male, 1 female. Paitilla Point, January 15, 1929, 1 female (Curran). Taken on Barro Colorado Island in the "Rear Light 8" clearing.

**Nymphidium azanoides** Butler

Barro Colorado Island, December 23, 25, 29, 1928, 3 females (Curran); January 6, 1929, 1 female (Curran); December 4, 1930, 1 female.

**Nymphidium bæotia minuta** Druce

Barro Colorado Island, November 30, 1930, 1 male.

**Thisbe irenea** Stoll

Barro Colorado Island, December 19, 28, 1928, 2 males (Curran); January 6, 1929, 1 female (Curran); November 9, 16, 1930, 2 males.

**Theope herta** Godman and Salvin

Barro Colorado Island, December 2, 1930, 1 female. This specimen was taken in the clearing at "Rear Light 8."

**Theope virgilius** Fabricius

Barro Colorado Island, November 29, 1930, 1 female; December 2, 1930, 1 male. The male specimen taken December 2, 1930, was captured in the clearing at "Rear Light 8."

**Theope matuta** Godman and Salvin

Barro Colorado Island, January 12, 1929, 1 male (Curran); November 15, 1930, 1 male. This identification is provisional.

**LYCÆNIDÆ****Theclinae****Thecla imperialis** Cramer

Barro Colorado Island, December 2, 1930, 1 male. This specimen was taken about 8:35 A.M. on a flowering shrub in the clearing at "Rear Light 8."

**Thecla imperialis form ducalis** Doubleday

Barro Colorado Island, December 1, 1930, 2 females. Both taken on flowering shrubs in the "Rear Light 8" clearing, one specimen being taken at 11 A.M. and the other at about 12 Noon.

**Thecla ganymedes** Cramer

Barro Colorado Island, December 1, 1930, 1 male. Taken about 9:45 A.M. on a flowering shrub in the "Rear Light 8" clearing.

**Thecla damo** Druce

Barro Colorado Island, December 1, 1930, 1 male, 1 female. Both specimens taken on flowering shrubs in the "Rear Light 8" clearing.

**Thecla hemon** Cramer

Barro Colorado Island, February 19, 1929, 1 male (Curran).

**Thecla phaleros** Linnæus

Barro Colorado Island, December 4, 1930, 1 female. Taken on a flowering shrub in the "Rear Light 8" clearing.

**Thecla battus** Cramer

Barro Colorado Island, December 3, 1930, 1 female. Corozal, January 16, 1929, 1 female (Curran). The specimen recorded from Barro Colorado was taken on a flowering shrub in the "Rear Light 8" clearing.

**Thecla togarna** Hewitson

Barro Colorado Island, December 23, 1928, 1 male (Curran); January 6, 8, 10, 1929, 1 male, 2 females (Curran); February 16, 19, 1929, 2 males (Curran); December 4, 1930, 1 female. Chiva Chiva Trail, October 20, 1928, 1 male (Bell); November 24, 1930, 1 male, 1 female. Corozal, January 16, 1929, 1 male (Curran). Paitilla Point, January 15, 1929, 1 male (Curran); November 20, 1930, 1 male. Fort Sherman, February 5, 1929, 1 male (Curran).

**Thecla pedusa** Hewitson

Barro Colorado Island, December 1, 1930, 1 female; December 4, 1930, 1 male. Taken on flowering shrubs in the "Rear Light 8" clearing.

**Thecla herodotus** Fabricius

Barro Colorado Island, November 8, 1930, 1 female. Taken on the leaf of a shrub at the edge of the "Lookout" clearing.

**Thecla esmeralda** Jones

Barro Colorado Island, December 4, 1930, 1 female. Taken on a flowering shrub in the clearing at "Rear Light 8."

**Thecla narbal** Stoll

Barro Colorado Island, December 1, 2, 1930, 2 females. Both specimens were taken at the "Rear Light 8" clearing on flowering shrubs.

***Thecla atena* Hewitson**

Barro Colorado Island, December 4, 1930, 3 females. These specimens were taken on flowering shrubs in the "Rear Light 8" clearing.

***Thecla vibidia* Hewitson**

Barro Colorado Island, December 1, 4, 1930, 1 male, 1 female. Both specimens taken on flowering shrubs in the "Rear Light 8" clearing.

***Thecla phoenissa* Hewitson**

Barro Colorado Island, December 1, 1930, 2 females. On flowering shrubs in the clearing at "Rear Light 8."

***Thecla ligurina* Hewitson**

Barro Colorado Island, December 3, 1930, 1 female. Captured in the "Rear Light 8" clearing.

***Thecla lyde* Godman and Salvin**

Barro Colorado Island, December 3, 1930, 1 female. On a flowering shrub at the "Rear Light 8" clearing.

***Thecla mycon* Godman and Salvin**

Barro Colorado Island, November 22, 1930, 1 male.

***Thecla thyesta* Hewitson**

Barro Colorado Island, December 2, 3, 1930, 1 male, 1 female. Both specimens taken on flowering shrubs in the "Rear Light 8" clearing.

***Thecla lutzi*, new species**

## Figure 1

MALE.—Palpi whitish gray, third joint blackish brown. Thorax above blackish brown shaded with violet-blue. Abdomen above violet-blue, beneath whitish. All wings above deep violet-blue, fringes blackish. Primaries: shaded on costal margin and at apex with black; in the middle of the cell an elliptical, blackish stigma, the anterior end of which is removed but 3 mm. from the base of the wing. Secondaries: a single, black, thread-like tail tipped with white at the end of  $Cu_2$ ; anal lobe black edged inwardly with white which extends up the inner margin; inner marginal fold brownish gray; fringe at end of  $Cu_1$  tipped with white. All wings beneath dark ashy gray. Primaries: shaded on outer margin and at apex with brownish; toward the base and in the discal portion with a yellowish lustre; the postdiscal band almost obsolete. Secondaries: sprinkled with whitish scales from near the base to the submarginal band and from  $A_2$  to  $R_s$ , the portion of the wing between  $R_s$  and the costal margin having no white scaling; a dark cell-end streak edged inwardly and outwardly



with white; the postdiscal line dark brown, edged outwardly with white and arranged similarly to that of *tephræus* Hübner; dark brown submarginal lunules edged inwardly with white; between  $Cu_2$  and  $Cu_1$  a red spot outwardly broken by a triangular black space; anal lobe black, bordered above by reddish. Length of primary, 14 mm.

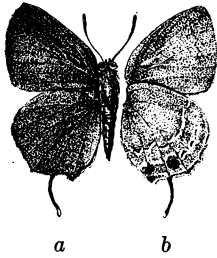


Fig. 1. Male *Thecla lutzi*, new species: a, upper side; b, under side.

Similar to *T. tephreus* Hübner, but the stigma is much narrower in shape and placed nearer the base of the wing; the stigma of *lutzi* is blackish white, that of *tephreus* is a rich brown. Beneath, the ground color of the wings is darker than in *tephreus* and the postdiscal band of the primaries is almost obsolete.

Described from a male taken by the author on Barro Colorado Island, December 2, 1930, in the clearing at "Rear Light 8." Type in The American Museum of Natural History, New York, N. Y.

Named for my friend Dr. Frank E. Lutz, Curator of Entomology, American Museum of Natural History, New York, N. Y.

#### ***Thecla syncellus* Cramer**

Barro Colorado Island, November 12, 13, 1930, 3 males, 1 female; December 2, 1930, 2 females. Corozal, February 4, 1929, 1 male (Curran). The specimens recorded from Barro Colorado were taken on blossoms at the water's edge and at the "Rear Light 8" clearing.

#### ***Thecla pion* Godman and Salvin**

Barro Colorado Island, December 1, 3, 1930, 1 male, 2 females. Taken on flowering shrubs at the "Rear Light 8" clearing.

#### ***Thecla ambrax* Westwood, Doubleday and Hewitson**

Barro Colorado Island, December 2, 1930, 1 female. Taken at the "Rear Light 8" clearing.

#### ***Thecla enenia* Hewitson**

Barro Colorado Island, November 14, 1930, 1 female.

#### ***Thecla greppa* Dyar**

Barro Colorado Island, November 13, 1930, 1 female. Taken resting on the leaf of a tree at the water's edge.

#### ***Thecla stilbia* Hewitson**

Barro Colorado Island, December 3, 1930, 1 male. This identification is provisional. This specimen was taken on a flowering shrub in the "Rear Light 8" clearing.

**Thecla hesperitis** Butler

Barro Colorado Island, November 11, 1930, 1 female; December 3, 1930, 1 male. The specimen found November 11 was taken on the Frank Drayton Trail. The specimen dated December 3 was taken at the "Rear Light 8" clearing.

**Thecla watsoni**, new species

## Figure 2

MALE.—Palpi whitish gray below, brown above. Thorax above blackish brown, overlaid with blue scales having a slight tinge of green. Abdomen above blackish brown, the anterior half overlaid with blue scales, beneath whitish. Primaries: above blackish brown, the basal half heavily sprinkled with blue scales having a slight tinge of green which extends from the inner margin into the cell; at the end of the cell a quadrate, brownish black stigma. Secondaries: above blackish brown; between  $A_2$  and  $M_2$  sprinkled with blue scales having a slight greenish tinge. Fringes brown. All wings beneath brownish gray marked similarly to *camissa* Hewitson but with less brown in the ground color. Primaries: with a blackish-brown discal band edged distally with white, which extends from the costal margin to  $Cu_2$ . Secondaries: with a blackish-brown discal band edged distally with white, very similar to *camissa* Hewitson but straighter and more regular in outline; near the outer margin a series of brownish lunules bordered anteriorly and distally with white; between  $Cu_2$  and  $Cu_3$  an orange spot with a distal black dot and a similar spot at anal angle. Length of primary, 12 mm.

FEMALE (Fig. 2).—Thorax and abdomen above dark brown, beneath whitish. All wings above dull dark brown. Secondaries: between  $A_2$ – $Cu_3$  and  $Cu_2$ – $Cu_3$ , faint blackish triangular maculations close to the distal margin; before the margin a fine, white line extending from  $A_2$  to  $Cu_3$ ; at the end of  $Cu_2$  a blackish brown, threadlike tail tipped with white and at end of  $Cu_3$  a second but very short tail. All wings beneath similar to the male but with the ground color slightly paler and with more white scales bordering the brownish lunules before the outer margin of the secondaries.

Length of primary, 12 mm.

The male of this species differs from *camissa* Hewitson, on the upperside, in having the greenish-blue scales overlaid on the blackish-brown ground color, while in *camissa* the wings are bright violet-blue with a broad black apex and costal margin and there is no stigma. Beneath, the two species are very similar.

Described from one male and one female taken by the author on Barro Colorado Island, November 10, 1930, and December 1, 1930, respectively. Holotype male and allotype female in the collection of The American Museum of Natural History, New York, N. Y.

Named for my friend Mr. Frank E. Watson of The American Museum of Natural History.



Fig. 2.  
Female  
*Thecla*  
*watsoni*  
new species, under side.

***Thecla xeneta* Hewitson**

Barro Colorado Island, December 3, 1930, 1 male. Taken at the "Rear Light 8" clearing.

***Thecla beon* Cramer**

Barro Colorado Island, October 14, 1928, 1 female (Bell); January 16, 1929, 1 female (Curran); November 16, 1930, 1 female. Corozal, February 4, 1929, 1 male (Curran); November 17, 1930, 1 female. Chiva Chiva Trail, October 20, 1928, 1 female (Bell).

***Thecla vibulena* Hewitson**

Barro Colorado Island, November 30, 1930, 2 males. Both these specimens were taken at the edge of the "Lookout" clearing. Seitz makes *vibulena* a synonym of *beon* Cramer, but the two species appear quite distinct.

***Thecla atrius* Herrich-Schäffer**

Corozal, February 4, 1929, 1 male (Curran).

***Thecla carla* Schaus**

Barro Colorado Island, December 3, 1930, 1 female. Taken in the clearing at "Rear Light 8."

***Thecla cerata* Hewitson**

Barro Colorado Island, January 8, 1929, 1 male (Curran); February 21, 1929, 1 male (Curran); Corozal, January 19, 1929, 1 female (Curran).

***Thecla celmus* Cramer**

Barro Colorado Island, January 6, 1929, 1 female (Curran).

***Thecla inoa* Hewitson**

Paitilla Point, November 20, 1930, 1 female.

***Thecla basalides* Hübner**

Chiva Chiva Trail, October 22, 1928, 1 female (Bell).

***Thecla cardus* Hewitson**

Barro Colorado Island, December 2, 1930, 1 male. Corozal, November 17, 1930, 1 male. Chiva Chiva Trail, November 24, 1930, 1 female. The Barro Colorado specimen was taken in the clearing at "Rear Light 8."

**Thecla yojoa** Reakirt

Barro Colorado Island, November 10, 13, 23, 1930, 1 male, 5 females; December 1, 2, 4, 1930, 3 males, 1 female. This species is found in clearings.

**Lycæninæ****Hemiargus hanno** Stoll

Barro Colorado Island, November 22, 1930, 1 male; December 1, 1930, 1 female. Corozal, February 4, 1929, 3 males, 1 female (Curran); November 17, 1930, 2 males. Paitilla Point, January 15, 19, 1929, 3 males, 4 females (Curran). Fort Amador, October 23, 1928, 2 males (Bell).

**Leptotes cassius** Cramer

Corozal, November 17, 1930, 1 male. Paitilla Point, November 20, 1930, 1 female.

**HESPERIIDÆ****Pyrrhopyginæ****Pyrrhopyge phidias** Linnæus

Chiva Chiva Trail, October 22, 1928, 3 males, 1 female (Bell); November 24, 1930, 1 male. Corozal, January 16, 1929, 2 males (Curran); February 4, 1929, 1 male (Curran). Fort Sherman, February 5, 1929, 1 male (Curran). The specimen obtained on the Chiva Chiva Trail, November 24, 1930, may later be referred to an, as yet, undescribed species.

**Pyrrhopyge erythrosticta** Godman and Salvin

Barro Colorado Island, February 19, 1929, 1 male (Curran). Fort Sherman, February 5, 1929, 1 male (Curran).

**Mysoria venezuelæ** Scudder

Chiva Chiva Trail, October 22, 1928, 1 female (Bell). Corozal, November 17, 1930, 1 female. Summit, November 26, 1930, 1 male, 1 female. Frijoles, November 9, 1930, 1 female. This species frequents open places and has the habit of resting with out-stretched wings on the upper side of leaves.

**Pyrginæ****Goniurus simplicius** Stoll

Barro Colorado Island, November 15, 1930, 1 male; November 29, 1930, 1 female. Paitilla Point, January 15, 1929, 1 male (Curran). Corozal, November 17, 1930, 1 male. Summit, November 26, 1930, 1 male. Common on flowers in open places.

**Goniurus eurycles** Latreille

Barro Colorado Island, October 13, 1928, 1 female (Bell); December 26, 1928, 1 male (Curran); November 7, 1930, 1 female; November 29, 1930, 1 male; December 3, 1930, 1 female. Summit, October 17, 1928, 1 female (Bell); November 26, 1930, 2 females. Corozal, January 16, 1929, 1 female (Curran); November 17, 1930, 1 male. Frijoles, November 9, 1930, 1 male. Flies with the preceding species and is common on flowers in open places.

**Goniurus chalco** Hübner

Corozal, November 17, 1930, 3 females. These specimens were taken at the edge of a thicket.

**Goniurus auginus** Hewitson

Barro Colorado Island, December 4, 1930, 1 female. This one specimen was taken in the clearing at "Rear Light 8."

**Goniurus undulatus** Hewitson

Summit, November 26, 1930, 1 male.

**Goniurus doryssus** Swainson

Barro Colorado Island, February 19, 1929, 1 male (Curran).

**Goniurus carmelita** Herrich-Schäffer

Corozal, January 9, 1929, 1 male (Curran). Fort Randolph, February 6, 1929, 1 male (Curran).

**Goniurus proteus** Linnæus

Barro Colorado Island, February 14, 1929, 1 female (Curran). Chiva Chiva Trail, October 20, 1928, 1 male (Bell).

**Goniurus acawoios** Williams

Barro Colorado Island, December 23, 1928, 3 males (Curran); January 5, 1929, 1 male (Curran); January 7, 1929, 1 male (Curran).

**Goniurus dorantes** Stoll

Barro Colorado Island, February 16, 1929, 1 female (Curran). Paitilla Point, January 15, 1929, 1 female (Curran). Fort Amador, October 23, 1928, 1 male, 1 female (Bell).

**Goniurus ceculus** Herrich-Schäffer

Barro Colorado Island, January 6, 1929, 1 male (Curran).



**Chioides catillus** Cramer

Chiva Chiva Trail, October 20, 1928, 1 male, 1 female (Bell); November 24, 1930, 1 male. Corozal, January 21, 1929, 1 male (Curran); November 17, 1930, 2 males, 1 female. Summit, November 26, 1930, 1 female. Common on flowers in open places in company with *Goniurus simplicius* and *Goniurus eurycles*.

**Spathilepia clonius** Cramer

Chiva Chiva Trail, October 20, 22, 1928, 3 males (Bell). Summit, November 26, 1930, 1 female.

**Epargyreus exadeus** Cramer

Chiva Chiva Trail, November 24, 1930, 1 male. This single specimen was taken in a damp place at the side of the Trail.

**Telegonus anaphus** Cramer

Summit, November 26, 1930, 1 male.

**Telegonus talus** Cramer

Barro Colorado Island, December 23, 1928, 1 female (Curran).

**Telegonus creteus** Cramer

Barro Colorado Island, February 14, 1929, 1 male (Curran); November 12, 1930, 1 female.

**Telegonus aulestes** Cramer

Barro Colorado Island, November 25, 1930, 1 male.

**Telegonus fuligator** Walch

Barro Colorado Island, December 23, 1928, 1 female (Curran); January 12, 1929, 1 male (Curran).

**Telegonus egregius** Butler

Barro Colorado Island, February 16, 1929, 1 male (Curran).

**Bungalotis midas** Cramer

Barro Colorado Island, November 9, 1930, 1 male. Fort Randolph, January 23, 1929, 1 male (Curran). The Barro Colorado specimen was taken by Donato, the Indian caretaker, on flowers of an ornamental shrub near the Laboratory, at about 5:45 p.m.

**Cecropterus neis** Geyer

Barro Colorado Island, October 13, 1928, 1 male (Bell); January 12, 1929, 1 male (Curran); February 14, 1929, 2 males (Curran). Corozal, February 1, 1929, 1 male (Curran). Chiva Chiva Trail, October 20, 22, 1928, 2 males, 1 female (Bell). Summit, November 26, 1930, 1 female.

**Cecropterus aunus** Fabricius

Barro Colorado Island, December 23, 1928, 1 female (Curran); November 21, 1930, 1 male; November 23, 1930, 1 male. Paitilla Point, January 15, 1929, 1 male (Curran). Chiva Chiva Trail, October 20, 22, 1928, 5 males, 2 females (Bell).

**Murgaria leucophrys** Mabille

Corozal, November 17, 1930, 1 male. Taken in an open space near a thicket.

**Cogia calchas** Herrich-Schäffer

Chiva Chiva Trail, October 16-20, 1928, 1 male (Bell); November 24, 1930, 4 males. Corozal, January 21, 1929, 1 female (Curran); February 4, 1929, 2 males, 1 female (Curran); November 17, 1930, 6 males, 1 female. Frijoles, November 9, 1930, 1 male, 1 female. Fort Amador, October 23, 1928, 1 male (Bell). Paitilla Point, November 20, 1930, 1 female. An abundant species in open places. Bell (Journal N. Y. Ent. Soc., XXXIX, No. 1, p. 87) states that he observed the females of this species ovipositing on the "sensitive plant," *Mimosa pudica*.

**Hydrænomia orcinus** Felder

Barro Colorado Island, January 6, 1929, 1 female (Curran).

**Lignyostola lacydus** Druce

Barro Colorado Island, January 6, 1929, 1 male (Curran); November 15, 1930, 1 male.

**Hyalothyrsus neleus** Linnaeus

Barro Colorado Island, January 6, 1929, 1 female (Curran); November 8, 13, 25, 1930, 3 females. Along trails in the forest.

**Phanus vitreus** Cramer

Barro Colorado Island, January 5, 1929, 1 male (Curran); February 19, 1929, 1 male (Curran).

**Phanus marshalli** Kirby

Corozal, February 1, 1929, 1 female (Curran).

**Entheus cramerianus** Mabilie

Corozal, January 19, 1929, 1 female (Curran).

**Quadrus contubernalis** Mabilie

Barro Colorado Island, November 22, 1930, 1 female. This single specimen was taken at the beginning of the Snyder-Molino Trail.

**Quadrus cerialis** Cramer

Barro Colorado Island, October 19, 1928, 1 female (Bell); December 28, 1928, 1 male (Curran); January 5, 1929, 1 male (Curran).

**Pellicia bromias** Godman and Salvin

Corozal, January 22, 1929, 1 male (Curran).

**Pellicia dimidiata** Herrich-Schäffer

Chiva Chiva Trail, October 20, 1928, 1 male (Bell). Corozal, November 17, 1930, 1 male. The Corozal specimen was taken at roadside flowers.

**Pellicia licisca** Plötz

Barro Colorado Island, November 7, 1930, 1 male. Bell (Journal N. Y. Ent. Soc., XXXIX, No. 1, p. 88) records having taken three males of this species at Tapia Bridge, Republic of Panama, October 15, 1928.

**Pellicia polycrator** Prittwitz

Paitilla Point, November 20, 1930, 1 male.

**Cyclosaemia subcærulea** Schaus

Barro Colorado Island, December 4, 1930, 1 female. This specimen was taken near Snyder-Molino Trail 1.

**Mycteris cærulea** Mabilie

Barro Colorado Island, January 6, 1929, 1 female (Curran). "The single female is provisionally referred to this species." (Bell, Journal N. Y. Ent. Soc., XXXIX, No. 1, p. 89.)

**Celænorhynchus eligius** Cramer

Barro Colorado Island, February 19, 1929, 1 male (Curran); November 23, 1930, 1 male. Chiva Chiva Trail, October 22, 1928, 1 male (Bell). The specimen recorded from Barro Colorado, November 23, 1930, was taken near the Laboratory.

***Xenophanes tryzus* Cramer**

Barro Colorado Island, November 22, 1930, 1 male, 1 female. Chiva Chiva Trail, October 22, 1928, 1 male (Bell). Summit, November 26, 1930, 1 male. Frijoles, November 9, 1930, 1 male. The Barro Colorado specimens were taken in the clearing around "Redwood House" at the end of the Allison Armour Trail.

***Ouleus fridericus* Geyer**

Summit, October 17, 1928, 1 male, 1 female (Bell). Chiva Chiva Trail, October 20, 22, 1928, 2 males (Bell).

***Sostrata scintillans* Mabilie**

Barro Colorado Island, November 30, 1930, 1 female.

***Sostrata leucorrhoea* Godman and Salvin**

Barro Colorado Island, November 23, 1930, 1 male. Chiva Chiva Trail, October 20, 1928, 1 male (Bell).

***Paches loxus* Westwood, Doubleday and Hewitson**

Barro Colorado Island, October 19, 1928, 2 males (Bell); December 19, 1928, 1 male (Curran); December 26, 1928, 1 male (Curran); January 8, 1929, 1 male (Curran); November 6, 12, 30, 1930, 3 males; December 3, 1930, 1 male. Corozal, January 22, 1929, 1 male (Curran). The author took this species on Barro Colorado in the Laboratory clearing and in the "Rear Light 8" clearing.

***Paches subalbata* Plötz**

Barro Colorado Island, November 28, 1930, 1 female. This specimen was taken in the clearing at the "Lookout." Bell records taking a female at Old Panama City, Republic of Panama, October 16, 1928, on the flower of lantana in company with *Paches loxus* and remarks on the possibility that *subalbata* may be a form of the female of *loxus* (Journal N. Y. Ent. Soc., XXXIX, No. 1, p. 90).

***Pythonides proxenus* Godman and Salvin**

Barro Colorado Island, December 28, 1928, 1 female (Curran).

***Eantis thraso* Hübner**

Barro Colorado Island, October 19, 1928, 1 male (Bell); January 6, 1929, 1 female (Curran).

**Antigonus nearchus** Latreille

Barro Colorado Island, October 18, 1928, 1 male (Bell); January 7, 1929, 1 male (Curran).

**Systasea erosus** Hübner

Barro Colorado Island, October 19, 1928, 1 male (Bell). Summit, October 17, 1928, 1 male (Bell). Chiva Chiva Trail, October 22, 1928, 1 male (Bell). Corozal, February 4, 1929, 3 males (Curran).

**Ebrietas ecliptica** Butler

Barro Colorado Island, December 3, 1930, 1 male; December 4, 1930, 1 female. Both these specimens were taken at the clearing around "Rear Light 8."

**Ebrietas undulatus** Herrich-Schäffer

Corozal, February 4, 1929, 1 male (Curran).

**Camptopleura theramenus** Mabille

Corozal, November 17, 1930, 1 male.

**Helias palpalis** Latreille

Chiva Chiva Trail, October 20-22, 1928, 3 males (Bell).

**Gorgythion begga** Prittwitz

Chiva Chiva Trail, October 20, 1928, 1 female (Bell); November 24, 1930, 1 female. The last-mentioned specimen was taken in an open space near the Trail.

**Anisochoria polysticta** Mabille

Chiva Chiva Trail, October 22, 1928, 2 females (Bell). Corozal, February 4, 1929, 1 male (Curran).

**Staphylus aurocapilla** Staudinger

Barro Colorado Island, October 18, 1928, 2 males, 1 female (Bell); November 7, 10, 16, 21, 29, 1930, 6 males; December 3, 1930, 1 male. Common and flying in clearings with *Staphylus mazans*.

**Staphylus mazans** Reakirt

Barro Colorado Island, October 13, 18, 19, 1928, 3 males, 1 female (Bell); November 7, 8, 22, 25, 29, 1930, 3 males, 2 females. Chiva Chiva Trail, October 20-22, 1928, 1 male, 2 females (Bell). Frijoles, November 9, 1930, 1 female. Paitilla Point, November 20, 1930, 1 male, 2 females. On Barro Colorado, this species was common about the Laboratory clearing.

**Staphylus imbras** Godman and Salvin

Barro Colorado Island, October 18, 1928, 1 male (Bell).

**Paramimus stigma** Felder

Chiva Chiva Trail, October 20-22, 1928, 3 males (Bell). Corozal, January 21, 22, 1929, 2 females (Curran). Paitilla Point, January 15, 1929, 1 female (Curran).

**Heliopetes arsalte** Linnæus

Summit, October 17, 1928, 1 male (Bell). Fort Amador, October 23, 1928, 1 male (Bell). Corozal, January 19, 21, 1929, 1 male, 1 female (Curran); February 4, 1929, 1 male (Curran). Bell (Journal N. Y. Ent. Soc., XXXIX, No. 1, pp. 92-93) says that some of these specimens show a tendency toward the form *petrus* Hübner.

**Heliopetes arsalte** form *petrus* Hübner

Chiva Chiva Trail, November 24, 1930, 1 female. Corozal, November 17, 1930, 2 males, 1 female. Frijoles, November 9, 1930, 1 male, 2 females. Common in open places.

**Heliopetes alana** Reakirt

Barro Colorado Island, October 13, 1928, 1 male (Bell).

**Heliopetes macaira** Reakirt

Corozal, February 4, 1929, 2 males (Curran).

**Heliopetes nivella** Mabille

Chiva Chiva Trail, October 20, 1928, 1 female (Bell).

**Pyrgus orcus** Cramer

Barro Colorado Island, October 13, 1928, 5 males, 1 female (Bell); December 30, 1928, 1 female (Curran); November 6, 12, 16, 1930, 1 male, 3 females; December 2, 1930, 1 female. Corozal, November 17, 1930, 1 male. Paitilla Point, January 15, 1929, 5 males (Curran); November 20, 1930, 1 male. Summit, October 17, 1928, 1 female (Bell). Chiva Chiva Trail, November 24, 1930, 1 female. In open places. One of the commonest of the Hesperiidæ.

**Chiomara asychis** Cramer

Corozal, November 17, 1930, 1 male. Specimen taken in an open place near road.

***Erynnis gesta* Herrich-Schäffer**

Fort Amador, October 23, 1928, 1 female (Bell). Corozal, November 17, 1930, 1 male, 1 female. This species occurs in open places.

**Hesperiinae*****Apaustus menes* Cramer**

Barro Colorado Island, October 13, 18, 1928, 2 males (Bell); November 13, 1930, 1 male. Chiva Chiva Trail, October 22, 1928, 1 female (Bell). The specimen taken on Barro Colorado by the author was found flying in a grassy place near the Laboratory.

***Chærephon citrus* Mabille**

Fort Amador, October 23, 1928, 7 males, 19 females (Bell).

***Hylephila phylæus* Drury**

Summit, October 17, 1928, 1 female (Bell). Fort Amador, October 23, 1928, 1 male, 3 females (Bell). Fort Randolph, February 6, 1929, 1 male (Curran).

***Polites vibex* Geyer**

Corozal, February 4, 1929, 1 male (Curran). Fort Amador, October 23, 1928, 4 males, 3 females (Bell).

***Polites athenion* Hübner**

Barro Colorado Island, October 13, 14, 1928, 3 males (Bell); December 29, 1928, 1 female (Curran); November 6, 8, 16, 29, 1930, 10 males, 1 female. Chiva Chiva Trail, November 24, 1930, 5 males, 1 female. Corozal, January 16, 1929, 1 male (Curran); January 19, 1929, 1 male (Curran); February 4, 1929, 1 male, 2 females (Curran); November 17, 1930, 1 male. Paitilla Point, November 20, 1930, 1 male. Frijoles, November 9, 1930, 1 female. Fort Amador, October 23, 1928, 2 males, 2 females (Bell). Summit, October 17, 1928, 2 females (Bell). Fort Randolph, January 23, 1929, 1 male (Curran). Very common on Barro Colorado about the Laboratory.

***Catia otho* Abbot and Smith**

Summit, November 26, 1930, 1 female.

***Zariaspes mys* Hübner**

Chiva Chiva Trail, October 20, 1928, 1 male (Bell).

**Atrytone tristis** Lindsey

Barro Colorado Island, November 23, 1930, 1 male. Chiva Chiva Trail, November 24, 1930, 1 male. Corozal, November 17, 1930, 1 female. The Barro Colorado specimen was taken in the neighborhood of "Redwood House."

**Calpodes ethlius** Cramer

Fort Amador, October 23, 1928, 2 males (Bell).

**Prenes sylvicola fusina** Hewitson

Barro Colorado Island, January 21, 1929, 1 female (Curran).

**Prenes ocola** Edwards

Barro Colorado, February 15, 1929, 1 male (Curran); December 2, 3, 1930, 2 males, 1 female. The specimens recorded as obtained December 2 and 3, 1930, were taken by the author in the "Rear Light 8" clearing.

**Prenes vala** Mabille

Barro Colorado Island, October 13, 1928, 1 female (Bell); November 10, 1930, 1 female.

**Aides dysoni** Godman

Barro Colorado Island, October 18, 19, 1928, 5 males, 3 females (Bell). Fort Randolph, January 23, 1929, 1 male (Curran).

**Xeniades pteras** Godman

Barro Colorado Island, October 18, 19, 1928, 2 males (Bell). Bell (Journal N. Y. Ent. Soc., XXXIX, No. 1, p. 97) says that this species was taken on the hibiscus flowers in company with *Aides dysoni*, flying early in the day.

**Vaccera litana** Hewitson

Barro Colorado Island, February 14, 1929, 1 male (Curran).

**Vaccera egla** Hewitson

Barro Colorado Island, October 13, 1928, 1 male (Bell); December 26, 1928, 1 male (Curran).

**Rhinthon cynea** Hewitson

Barro Colorado Island, December 29, 1928, 1 male (Curran); January 8-12, 1929, 4 males (Curran).



**Rhinthon megalops** Godman

Chiva Chiva Trail, October 22, 1928, 1 female (Bell).

**Cobalus cannæ** Herrich-Schäffer

Barro Colorado Island, January 6, 1929, 1 female (Curran).

**Cobalus fidicula** Hewitson

Barro Colorado Island, December 29, 1928, 1 female (Curran).

**Cobalus virbius** Cramer

Barro Colorado Island, January 5, 6, 1929, 1 male, 1 female (Curran); February 16, 1929, 1 male (Curran); November 23, 1930, 1 male. Corozal, January 19, 1929, 1 male (Curran). The specimen taken on Barro Colorado, November 23, 1930, was found at the edge of the clearing at "Redwood House."

**Cobalus percosius** Godman

Chiva Chiva Trail, November 24, 1930, 1 female. This species is found in open places.

**Cobalus laureolus** Schaus

Barro Colorado Island, December 3, 1930, 1 male. This specimen was taken in the clearing about "Rear Light 8."

**Cobalopsis pelora** Plötz

Barro Colorado Island, February 14, 1929, 1 male (Curran).

**Morys valerius** Möschler

Chiva Chiva Trail, October 22, 1928, 1 male (Bell).

**Perimeles remus** Fabricius

Barro Colorado Island, November 23, 1930, 1 male. Chiva Chiva Trail, October 20, 22, 1928, 1 male, 2 females (Bell). Summit, October 17, 1928, 2 males (Bell). Paitilla Point, November 20, 1930, 3 males, 1 female. This species frequents grassy places near thickets.

**Tigasis zalates** Godman

Barro Colorado Island, February 16, 1929, 1 male (Curran).

**Euroto compta** Butler

Barro Colorado Island, October 18, 1928, 2 males, 1 female (Bell); December 22, 1928, 1 male (Curran); January 8-10, 1929, 1 male, 1

female (Curran); November 22, 1930, 1 female. Taken by the author in the clearing at "Redwood House."

**Euroto lyde** Godman

Barro Colorado Island, November 9, 16, 22, 1930, 2 males, 2 females; December 4, 1930, 1 male. In the clearings about the Laboratory and "Rear Light 8."

**Euroto miccythus** Godman

Barro Colorado Island, November 21, 1930, 2 females; December 3, 1930, 1 female; December 4, 1930, 1 female. In the clearings about the Laboratory and "Rear Light 8."

**Euroto chlorocephala** Godman

Barro Colorado Island, November 10, 1930, 1 female. This identification is provisional.

**Lerema accius** Abbot and Smith

Barro Colorado Island, October 19, 1928, 1 female (Bell). Summit, October 17, 1928, 1 male (Bell); November 26, 1930, 1 male. Chiva Chiva Trail, October 20, 22, 1928, 2 males (Bell). Fort Amador, October 23, 1928, 3 males (Bell). Corozal: November 17, 1930, 1 male.

**Papias infuscata** Plötz

Barro Colorado Island, November 23, 1930, 2 males. Taken in the clearing at "Redwood House."

**Metron chrysogastra** Butler

Barro Colorado Island, January 7, 1929, 1 male (Curran). Corozal, February 4, 1929, 2 males (Curran).

**Metiscus atheas** Godman

Barro Colorado Island, October 13, 1928, 1 male (Bell).

**Thargella fuliginosa** Godman

Barro Colorado Island, January 8, 1929, 1 male (Curran); January 21, 1929, 1 male (Curran); December 26, 1928, 1 female (Curran); November 12, 13, 15, 1930, 3 males, 1 female; December 4, 1930, 1 male. This species occurs in clearings.

**Mnasitheus simplicissimus** Herrich-Schäffer

Barro Colorado Island, December 26, 1928, 1 male (Curran); February 19, 1929, 1 male (Curran); December 2, 1930, 1 female. Chiva Chiva Trail, October 22, 1928, 2 males, 1 female (Bell). Summit, October 17, 1928, 1 male (Bell). Taken on Barro Colorado by the author in clearing about "Rear Light 8."

**Mnasitheus zeteki** Bell

Barro Colorado Island, October 18, 1928, 1 male (Bell). This species is described by Bell in the Journal of the New York Entomological Society, XXXIX, No. 1, pp. 100-101.

**Mnasilus penicillatus** Godman

Corozal, February 4, 1929, 1 female (Curran). Paitilla Point, January 15, 1929, 1 female (Curran).

**Vehilius illudens** Mabille

Barro Colorado Island, October 13, 18, 1928, 3 males, 2 females (Bell); November 6, 10, 16, 29, 1930, 3 males, 5 females. Chiva Chiva Trail, October 22, 1928, 3 males, 1 female (Bell). Summit, October 17, 1928, 4 males, 2 females (Bell); November 26, 1930, 2 males. Frijoles, November 9, 1930, 1 female. This is a common species and was taken by the author on Barro Colorado flying about the grass near the Laboratory.

**Vehilius scheria** Plötz

Barro Colorado Island, January 5, 6, 1929, 2 males (Curran); February 15, 1929, 1 male (Curran); November 5, 1930, 1 male; November 7, 1930, 1 male.

**Vehilius celeus** Mabille

Barro Colorado Island, November 6, 1930, 2 males. Chiva Chiva Trail, October 22, 1928, 3 males, 1 female (Bell). The Barro Colorado specimens were taken in the Laboratory clearing.

**Megistias tripunctata** Latreille

Barro Colorado Island, October 19, 1928, 2 females (Bell); December 19, 1928, 1 male (Curran); December 26, 1928, 1 male. (Curran).

**Megistias labdacus** Godman

Barro Colorado Island, October 13, 18, 1928, 3 males (Bell); November 6, 1930, 2 females. Summit, October 17, 1928, 4 males, 3 females (Bell). Chiva Chiva Trail, October 20, 1928, 1 female (Bell). Fort Amador, October 23, 1928, 4 males, 1 female (Bell). The author took this species flying low over the grass about the Laboratory on Barro Colorado.

**Megistias edata** Plötz

Barro Colorado Island, November 8, 1930, 1 female. Pedro Miguel, October 20, 22, 1928, 4 females (Bell). Summit, October 17, 1928, 1 female (Bell).

**Megistias noctis** Plötz

Barro Colorado Island, October 13-19, 1928, 4 males, 7 females (Bell); January 10, 21, 1929, 2 males (Curran); November 25, 1930, 1 female; December 4, 1930, 1 male. Chiva Chiva Trail, October 20-22, 1928, 19 males, 5 females (Bell). Summit, October 17, 1928, 1 male (Bell). Corozal, February 1, 1929, 1 male (Curran). The specimens obtained by the author on Barro Colorado were taken in the clearings about the "Lookout" and "Rear Light 8."

**Megistias tripunctus** Herrich-Schäffer

Barro Colorado Island, January 21, 1929, 2 females (Curran); November 21, 1930, 1 female. Chiva Chiva Trail, October 20-22, 1928, 1 female (Bell). Summit, October 17, 1928, 4 females (Bell). Paitilla Point, January 15, 1929, 1 female (Curran); November 20, 1930, 1 male. The author took one specimen of this species on Barro Colorado in the Laboratory clearing.

**Vorates decorus** Herrich-Schäffer

Barro Colorado Island, December 23, 1928, 1 male (Curran); November 7, 1930, 1 male, 1 female. Chiva Chiva Trail, October 20, 1928, 1 male (Bell).

**Padraona epictetus** Fabricius

Barro Colorado Island, October 19, 1928, 1 male (Bell); December 26, 28, 1928, 2 males (Curran); January 4, 1929, 1 male (Curran); February 16, 1929, 1 male (Curran); December 4, 1930, 1 male. Chiva Chiva Trail, October 22, 1928, 2 males (Bell); November 24, 1930, 1 male. Corozal, January 19, 1929, 1 male (Curran). The author took a male of this species on Barro Colorado in the "Rear Light 8" clearing

**Carystus fantasos** Cramer

Paitilla Point, November 20, 1930, 1 male.

**Vettius phyllus** Cramer

Barro Colorado Island, November 25, 1930, 1 female. This specimen was taken along the trail in the forest.

**Zenis calvina** form **dissoluta** Plötz

Barro Colorado Island, January 6, 1929, 1 male (Curran). Bell (Journal N. Y. Ent. Soc., XXXIX, No. 1, p. 104) states that this identification may prove to be incorrect.

**Cœliades fiscella** Hewitson

Barro Colorado Island, January 12, 1929, 1 male (Curran).

**Flaccilla subrufescens** Schaus

Barro Colorado Island, February 14, 1929, 1 male, 1 female (Curran); January 8, 1929, 1 female (Curran).

**Godmania silius** Latreille

Chiva Chiva Trail, October 20, 1928, 1 male (Curran).

**Godmania lunata** form **silene** Plötz

Barro Colorado Island, October 13, 1928, 1 male (Bell); December 22, 1928, 1 female (Curran); January 6, 1929, 1 female (Curran); January 21, 1929, 1 male (Curran); November 15, 1930, 1 male.

**Methionopsis ina** Plötz

Barro Colorado Island, December 28, 1928, 1 female (Curran); February 6, 1929, 1 male (Curran); November 10, 1930, 1 female.

**Methionopsis typhon** Godman

Barro Colorado Island, February 21, 1929, 1 male (Curran).

**Eprius veleda** Godman

Corozal, January 19, 1929, 1 male (Curran).

**Callimormus juvenus** Scudder

Corozal, January 22, 1929, 1 male (Curran).

**Callimormus gracilis** Felder

Barro Colorado Island, October 18-19, 1928, 3 males (Bell); December 22-29, 1928, 3 males, 2 females (Curran); January 10, 1929,

2 males (Curran); November 21, 24, 30, 1930, 1 male, 2 females. This small species was taken flying low over the grass of the Laboratory clearing.

**Callimormus corades** Felder

Barro Colorado Island, October 14, 1928, 1 male (Bell); November 8, 1930, 1 male. Chiva Chiva Trail, October 20, 1928, 2 males (Bell). Fort Amador, October 23, 1928, 1 male (Bell). Summit, October 17, 1928, 2 males, 1 female (Bell). Corozal, November 17, 1930, 1 female. This species flies in clearings.

**Mnestheus ludens** Mabille

Barro Colorado Island, January 7, 1929, 1 male (Curran); February 15, 1929, 1 male (Curran).

**Artines atizies** Godman

Barro Colorado Island, November 10, 1930, 1 female.

**Orses seneca** Latreille

Barro Colorado Island, December 26, 1928, 1 female (Curran). Corozal, January 21, 1929, 1 female (Curran).

**Damas clavus** Herrich-Schäffer

Barro Colorado Island, November 6, 1930, 1 female.

**Thracides luda** Hewitson

Barro Colorado Island, October 18, 1928, 1 female (Bell); January 6, 1929, 1 female (Curran); November 11, 1930, 1 male. The specimen taken by the author on November 11, 1930, was captured on the Wheeler Trail.

**Thracides aroma** Hewitson

Corozal, January 19, 1929, 1 male (Curran).

**Thracides salius** Cramer

Barro Colorado Island, January 5, 1929, 1 female (Curran).

**Thracides telegonus** Hübner

Barro Colorado Island, October 19, 1928, 1 male (Bell).

**Thracides antoninus** Latreille

Barro Colorado Island, January 8, 1929, 1 female (Curran).

**Perichares coridon** Fabricius

Barro Colorado Island, October 18, 1928, 1 female (Bell); December 25, 1928, 1 male (Curran); November 15, 1930, 1 male. Corozal, November 17, 1930, 1 male.





