

LEPIDOPTERA OF THE YALE-DOMINICAN EXPEDITION OF 1913.

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A list of Dominican Lepidoptera was published many years ago by Godman and Salvin and Herbert Druce.¹ The present list adds some species, but others already reported are missing from this collection. All the specimens were taken by H. W. Foote, either in June and July, 1913, or without definite data. The data are therefore omitted under the specific headings. The names of the species are followed by the number of specimens taken.

PAPILIONOIDEA.

- DANAIS PLEXIPPUS Linnaeus. 1.
COLAENIS CILLENE Cramer. 5.
AGRAULIS VANILLAE Linnaeus.
JUNONIA COENIA Hübner. 4.
ANARTIA JATROPHAE Linnaeus.
DIDONIS BIBLIS Fabricius. 1.
LYCAENA HANNO Stoll. 4.
LYCAENA CASSIUS Cramer. 2.
THECLA SALONA Hewitson. 2.
THECLA OTOHEBA, new species.

Brownish black; anal angle of hind wing red, with a white speck; tail at vein 2 long, at 3 short, both white-tipped. Beneath brown-gray; fore wing with slightly oblique brown band from costa to vein 2 and an irregularly tremulous submarginal one across the wing. Hind wing with a mesial dark crimson band, dislocated at vein 4, arcuate between 2 and 1b, retreating to inner margin, edged outwardly with silvery white arcs between the veins; an irregular blackish subterminal line, dentate on the veins, followed by red from inner margin to vein 4, looped up between 2 and 4 for a large red patch; a large black spot at anal angle and interspace 2-3, small ones between 3 and 7, a black, blue-powdered area between 1b and 2; a black terminal line preceded by silvery white. Expanse, 21 mm.

Cotypes.—Two females, No. 18055, U.S.N.M.; Dominica, June-July, 1913 (H. W. Foote).

¹ Proceedings of the Zoological Society of London, 1884, pp. 314 to 326.

- TERIAS DEBA Doubleday. 10.
 TERIAS EUTERPE Ménétries. 1.
 CALLIDRYAS EUBULE Linnaeus. 5.
 CALLIDRYAS TRITE Linnaeus. 2.
 PAPILIO POLYDAMAS DOMINICUS Rothschild and Jordan. 1.
 CATIA RAVOLA Godman and Salvin. 14.
 HYLEPHILA PHYLAEUS Drury. 4.
 PROTEIDES ANGASI Godman and Salvin. 2.
 PYRGUS SYRICHTUS Fabricius. 1.
 ACOLASTUS AMYNTAS Fabricius. 6.
 EUDAMUS SANTIAGO Lucas, variety. 9.
 PRENES NERO Fabricius. 2.
 PRENES ARES Felder. 2.

The markings of the under side are fainter than usual and blurred with brown.

- EANTIS THRASO Hübner. 1.

SPHINGOIDEA.

- PROTOPARCE JAMAICENSIS Butler. 1.

BOMBYCOIDEA.

- SYNTOMEIDA SYNTOMOIDES Boisduval. 1.
 COSMOSOMA DEMANTRIA Druce. 2.
 ECPANTHERIA ERIDANUS Cramer. 2.
 UTETHEISA ORNATRIX Linnaeus. 3.
 AMASTUS ALSA Druce. 1.
 RIFARGIA CHOCOTOA, new species.

Dark brown, the lines coarsely wavy, black; subbasal doubled, the inner irregularly triple, the outer followed by a duplicating shade with black dashes on the veins and preceded by a somewhat distant line; subterminal line whitish, a little stronger at costa; terminal line fine, black, forming black streaks between the veins, cut by yellowish dashes, the black marks seeming to be followed by pale instead of preceded, as in most *Rifargia*; discal markings slight, a little pale, followed by a cloud. Hind wing black-brown, palest at base; fringe yellowish white. Expanse, 60 mm.

Cotypes.—Two females, No. 16056, U.S.N.M.; Dominica, June–July, 1913 (H. W. Foote).

Nearest to *R. tethys* Schaus.

- LYCOPHOTIA INFECTA Ochseneheimer. 2.
 ERIOPYGA VESQUESA Dyar. 1.
 PRODENIA DOLICHOS Fabricius. 1.
 XYLOMYGES ERIDANIA Cramer. 1.
 HETEROCHROMA POSTALBIDA, new species.

Brown, a little mottled with blackish; reniform, orbicular and claviform large, contiguous, black outlined, the orbicular and reniform partly pale creamy filled; lines scarcely traceable, single, the outer excurved over disk and submedian; subterminal line pale, wavy and

irregular, crossed by several black streaks on the interspaces; a black streak prolonging claviform to the outer line; a black shade from base near the inner margin to inner line. Hind wing white; veins fuscous outwardly; a narrow dark marginal border. Expanse, 17–18 mm.

Cotypes.—Two males, No. 18057, U.S.N.M.; Dominica (H. W. Foote).

CYDOSIA SUBMUTATA Walker. 1.

EULEPIDOTIS ADDENS Walker. 1.

REMIGIA MEGAS Guenée. 2.

REMIGIA LATIPES Guenée. 3.

PHURYS IMMUNIS Guenée. 2.

LETIS MYCERINA Fabricius. 1.

MELIPOTIS CONTORTA Guenée. 2.

ANTICARSIA REPUGNANS Hübner. 1.

A. ferruginea Smith¹ is a synonym.

ZETHES UMBRATA Walker. 1.

ARGADESA APTA Moore. 1.

PANULA INCONSTANS Guenée. 1.

GONODONTA ELABORANS, new species.

Fore wing bronzy brown, anal angle yellow brown; two parallel brown streaks arising from the subbasal tooth; subterminal line fine, crenulate, dark brown, obscure, violet-white powdered without, approaching the margin at vein 2. Hind wing black, with a small round orange patch on the discal nervules. Front of head and palpi within whitish. Expanse, 37 mm.

Type.—Male, No. 18058, U.S.N.M.; Dominica (H. W. Foote).

NEPHELOLEUCA ATOMARIA, new subspecies.

A form of *politia* Cramer with the costo-subapical patch small, narrow, broken into strigæ, not rounded or whitish filled.

Cotypes.—Four females, No. 18059, U.S.N.M.; Dominica, June–July, 1913 (H. W. Foote).

MELANCHROIA CEPHISE Cramer. 2.

TEPHROSIA MADEFACTARIA, new species.

Wings pale brownish, all beyond the outer line overspread with brown and black, except a small square patch below apex; sparsely dotted; inner line fine, black, waved, curved, accompanied by a little shading; median shade moderate, touching the small round discal dot; outer line irregular, excurved between veins 4 and 2; subterminal line of whitish dots. Hind wing similar, without the inner line or pale apical spot, the outer line nearly straight. Expanse, 39 mm.

Type.—Female, No. 18060, U.S.N.M.; Dominica, June–July, 1913 (H. W. Foote).

PERICLINIA TRIATRAPATA, new species.

Reddish brown with purplish strigæ, dense along the costa; two thick straight purple brown lines on fore wing, scarcely diverging

toward costa, one on hind wing, very little curved; a round blackish discal dot on each wing. Expanse, 31 mm.

Type.—Male, No. 18061, U.S.N.M.; Dominica, June–July, 1913 (H. W. Foote).

PERICLINA TRANSMIGRATA, new species.

Bright red-brown, peppered, faint blackish strigæ along costa and apex; two parallel straight pale reddish lines, one on the hind wing; a minute black discal dot on fore wing. Expanse, 32 mm.

Type.—Female, No. 18062, U.S.N.M.; Dominica, June–July, 1913 (H. W. Foote).

TINEOIDEA.

GLYPHODES HYALINATA Linnaeus. 1.

GLYPHODES ELEGANS Müschler. 1.

SYLEPTA SIMMIALIS Walker. 1.

PHRYGANODES PROLONGALIS Guenée. 1.

SPARGAMIA GIGANTALIS Guenée.

ATTEVA PUNCTELLA Cramer. 1.