

## Some notes on Ecuadorian Saturniidae II

(Lepidoptera, Hemileucinae)

by

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In the present paper the author gives an account of 60 Hemileucinae collected in Ecuador during august 1982, december 1986, may–june 1992, april–may 1993, and october–november 1993. New distributional data of some scarcely known species, such as *Automeris styx*, *Automeris denticulata*, *Leucanella newmanni*, *Pseudoautomeris pohli*, *Hylesia teratex*, *Hylesia indurata*, *Pseudodirphia menander*, improve the Catalogue of ecuadorian Saturniidae (LEMAIRE & VENEDICTOFF, 1989). Some difficulty arises on the classification of the species of the genus *Hylesia*, and about 8 taxa are still under investigation.

### Abbreviations

Pichincha (PI); Napo (NA); Los Rios (LR); Tungurahua (TU); Morona-Santiago (MS); Guayas (GU); Distr. = Collecting sites.

*Lonomia (Lonomia) descimoni descimoni* LEMAIRE, 1972

Distr. Misahualli (NA); Tena (NA).

*Lonomia (Lonomia) achelous achelous* (CRAMER, 1777)

Distr. Misahualli (NA).

*Catacanta stramentalis* (DRAUDT, 1929)

Distr. Misahualli (NA); Macas (MS); Pununo (NA).

*Automeris janus* (CRAMER, 1775)

Reported by LEMAIRE & VENEDICTOFF (1989) for Lumbaqui, Sangay, Limon 16–17 km, and Zamora.

Distr. Misahualli (NA); Macas (MS).

*Automeris egeus* (CRAMER, 1775)

Distr. Misahualli (NA).

*Automeris hamata* SCHAUS, 1906

Distr. S. Domingo (PI); Quevedo (LR); Misahualli (NA); S. Rosa (NA).

*Automeris duchartei* BOUVIER, 1936

The identification of *A. duchartei*, *A. cinctistriga*, and *A. fieldi*, of the same species group (LEMAIRE, 1971), is difficult also because of the variability of male genitalic structure.

Distr. Huacamayo S. Elena (NA).

*Automeris cinctistriga* (R. FELDER & ROGENHOFER, 1874)

Distr. Tena (NA); Macas (MS).

*Automeris liberia* (CRAMER, 1780)

Distr. Macas (MS); Pununo (NA); Tena (NA); Rio Blanco (TU).

*Automeris banus argentifera* LEMAIRE, 1966

Distr. Alluriquin (PI); Tandapi (PI); Quevedo (LR).

*Automeris amanda subobscura* WEYMER, 1909

Distr. Huacamayo S. Elena, 1800 m (NA).

*Automeris denticulata* CONTE, 1906

Distr. Tena, Paquisha Loma (NA).

*Automeris belti zaruma* SCHAUS, 1921

Distr. Alluriquin (PI).

*Automeris styx* LEMAIRE, 1982

The species was originally described by LEMAIRE (1982) from Peru, Tingo Maria, Huanuco, 800 m, and subsequently found in Ecuador, Limon km 22.5, Morona Santiago, about 850 m (LEMAIRE & VENEDICTOFF, 1989). The altitudinal range of the species seems to fit the transitional belt between the eastern rain forest and pre-montane forest.

Distr. Misahualli (NA).

*Automeris pomifera* SCHAUS, 1906

Distr. Huacamayo S. Elena, 1800 m (NA).

*Automeris schwartzi* LEMAIRE, 1967

Distr. Misahualli (NA).

*Automeris orestes* (BOISDUVAL, 1875)

Distr. Rio Blanco (TU).

*Automeris grammodes* JORDAN, 1912

Distr. Alluriquin (PI); Huacamayo S. Elena (NA).

*Leucanella lynx* (BOUVIER, 1930)

Distr. Tandapi (PI).

*Leucanella contaeptha contaeptha* (LEMAIRE, 1967)

Distr. Tena (NA).

*Leucanella newmanni* (LEMAIRE, 1967)

Reported by LEMAIRE & VENEDICTOFF (1989) for Lumbaquí and Puente Azuela, this species has been collected in the upper Pastaza valley at Rio Blanco, 1600 m. Although a scarce

species, it is probably widely distributed in the pre-Andean area.

Distr. Rio Blanco (TU).

*Pseudoautomeris pohli* LEMAIRE, 1967

Distr. Tena (NA).

*Pseudoautomeris irene armirene* (STRAND, 1920)

Distr. Misahualli (NA); Huacamayo, S. Elena (NA).

*Pseudoautomeris lata* (CONTE, 1906)

Distr. Tena (NA).

*Gamelia abasia* (STOLL, 1781)

Distr. Quevedo (LR); Misahualli (NA).

*Gamelia neidhoeferi* LEMAIRE, 1967

Distr. Huacamayo S. Elena (NA).

*Hyperchiria nausica* (CRAMER, 1779)

Distr. Rio Blanco (TU); Misahualli (NA).

*Automerina (Automerina) cypria* (GMELIN, 1790)

Distr. Misahualli (NA).

*Automerina (Automerula) auletes* (HERRICH-SCHÄFFER, 1854)

Distr. Misahualli (NA).

*Hylesia nanus* (WALKER, 1855)

Distr. Misahualli (NA); Rio Topo (TU).

*Hylesia coex rex* DYAR, 1913

Distr. Misahualli (NA); Pununo (NA).

*Hylesia athlia* DYAR, 1913

Distr. Misahualli (NA).

*Hylesia continua colombiana* DOGNIN, 1922

Distr. Alluriquin (NA).

*Hylesia olivenca* SCHAUS, 1927

Distr. Macas (MS).

*Hylesia bouvereti* DOGNIN, 1889

Distr. Cosanga (6 km S.) (NA).

*Hylesia umbrata* SCHAUS, 1911

Distr. Misahualli (NA); Macas (MR); Quevedo (LR); Alluriquin (PI).

*Hylesia teratex* DRAUDT, 1929

The species is known only for Lumbaquí, 829 m (LEMAIRE & VENEDICTOFF, 1989).

Distr. Misahualli (NA).

*Hylesia mymex* DYAR, 1913

Distr. Misahualli (NA).

*Hylesia indurata* DYAR, 1910

Distr. Misahualli (NA); Rio Topo (TU).

*Hylesia praeda* DOGNIN, 1901

Distr. Misahualli (NA); Alluriquin (NA); Tandapi (NA).

*Hylesia index* DYAR, 1913

Distr. Misahualli (NA); Tena (NA).

*Hylesia melanostigmata* (HERRICH-SCHÄFFER, 1855)

Distr. Misahualli (NA); Gualaquiza (MS).

*Hylesia gyrex* DYAR, 1913

Distr. Misahualli (NA).

*Molippa nibasa* (MAASSEN, 1885)

Distr. Misahualli (NA).

*Molippa latemedia* (DRUCE, 1890)

Distr. Misahualli (NA).

*Paradirphia geneforti* (BOUVIER, 1923)

Distr. Huacamayo S. Elena (NA); Cosanga (7 km S.) (NA).

*Paradirphia oblita oblita* (LEMAIRE, 1976)

Distr. Macas (MS); Misahualli (NA).

*Cerodirphia wellingi* LEMAIRES, 1973

Distr. Huacamayo S. Elena (NA).

*Cerodirphia mota napoensis* LEMAIRES, 1982

Distr. Huacamayo S. Elena (NA).

*Cerodirphia nadiana* LEMAIRES, 1975

Described by LEMAIRES (1975) from a specimen from Baeza (1 km W, 1950 m), and subsequently reported from Baeza 2002 m, and Cosanga (km 6–10.2 S.) (LEMAIRE & VENEDIC-

TOFF 1989). Probably the species has a very restricted range.

Distr. Huacamayo S.Elena (NA).

*Dirphia crassifurca* LEMAIRE, 1971

Distr. Huacamayo S. Elena (NA).

*Dirphia avia* (STOLL, 1782)

Distr. Tena (NA); Rio Topo (TU); Macas (MS).

*Dirphia panamensis* (SCHAUSS, 1921)

Distr. Misahualli (NA); Pununo (NA).

*Dirphia fraterna fraterna* (R. FELDER & ROGENHOFER, 1874)

Distr. Misahualli (NA); Puerto Napo (NA).

*Dirphia thliptophana thliptophana* (R. FELDER & ROGENHOFER, 1874)

Distr. Misahualli (NA); Huacamayo S. Elena (NA); Macas (MS).

*Periphoba hircia* (CRAMER, 1775)

Distr. Pununo (NA); Misahualli (NA).

*Pseudodirphia agis agis* (CRAMER, 1775)

Distr. Misahualli (NA); Tzazayacu (NA); Puerto Napo (NA).

*Pseudodirphia eumedidoides* (VUILLOT, 1892)

Distr. Misahualli (NA); Tzazayacu (NA).

*Pseudodirphia andicola* BOUVIER, 1930

Distr. Cosanga (6 km. S) (NA).

*Pseudodirphia menander* (DRUCE, 1886)

Apparently known only for Tinalandia (LEMAIRE & VENEDICTOFF, 1989).

Distr. Guayaquil (GU).

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#### References

- LEMAIRE, C. (1971): Revision du genre *Automeris* HÜBNER et des genre voisins. Biogeographie, ethologie, morphologie, taxonomie. (Lep. Attacidae). – Mem. Mus. Nat. Hist. Nat. (N.S.) **68**: 1–232.

- LEMAIRE, C. (1975): Description de six Attacidae nouveaux de l'Equateur. (Lep.). – Lambillionea **75** (bis): 52–68.
- LEMAIRE, C. (1988): Vingt-huit Saturniidae neotropicaux inedits (Lep.). – Anns Soc. ent. Fr. (N.S.) **18** (1): 55–88.
- LEMAIRE, C. & N. VENEDICTOFF (1989): Catalogue and biogeography of the Lepidoptera of Ecuador. I Saturniidae. With a description of a new species of *Meroleuca* PACKARD. – Bull. Allyn Mus. **129**: 1–60.

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