

AMERICAN MUSEUM NOVITATES

Number 611

Published by
THE AMERICAN MUSEUM OF NATURAL HISTORY
New York City

May 8, 1933

59.57, 89 (87)

ERYCINIDAE AND LYCAENIDAE (LEPIDOPTERA, RHOPALOCERA) FROM THE REGIONS OF MT. RORAIMA AND MT. DUIDA

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This is a report on material collected by Mr. G. H. H. Tate in the course of two expeditions to northern South America under the auspices of The American Museum of Natural History. The Lee Garnet Day Expedition was made in the latter part of 1927 and extended into early January, 1928, visiting Mt. Roraima, which lies at the junction of the boundaries of Brazil, Venezuela, and British Guiana. The Tyler Duida Expedition was undertaken during the latter part of 1928 and the beginning of 1929, its objective being Mt. Duida in southern Venezuela. Descriptions of both these regions are to be found in *The Geographical Review* for January, 1930.¹

The expedition to Mt. Roraima brought back five species of Erycinidae and an equal number of species of Lycaenidae. The Mt. Duida Expedition furnished sixteen species of Erycinidae and eleven species of Lycaenidae.

The Hesperidae collected by Mr. Tate on these two expeditions have been reported upon by Mr. E. L. Bell, in *American Museum Novitates*, No. 555, and the Pieridae are the subject of a paper by Mr. F. Martin Brown, in *American Museum Novitates*, No. 572.

LEE GARNET DAY EXPEDITION TO MT. RORAIMA

BRAZIL

Paulo.—Ten miles southwest of Mt. Roraima. Altitude, 4000 feet.

Arabupu.—Ten miles southeast of Mt. Roraima. Altitude, 4200 feet. Savannas.

Upper Swamp Camp, Mt. Roraima.—Altitude, 5800 feet.

Summit of Mt. Roraima.—Altitude, 8600 feet.

BRITISH GUIANA

Anundabaru.—At the headwaters of the Copenang River, one hundred miles east of Mt. Roraima. Altitude, 2000 feet.

¹Tate and Hitchcock, 'The Cerro Duida Region of Venezuela,' *XX*, pp. 31-52; and Tate, 'Notes on the Mount Roraima Region,' *XX*, pp. 53-68.

Tukeit.—On the Potaro River. Altitude, 2000 feet.

ERYCINIDAE

Euselasiinae

Euselasia artos Herrich-Schäffer

Paulo, Brazil, November 5, 1927, 1 male.

RANGE.—Bolivia, Surinam, and the Amazon region.

Erycininae

Mesosemia parishi Druce

Arabupu, Brazil, December 26, 1927, 1 male.

RANGE.—Colombia, the Guianas, and the Amazon.

Mesosemia philocles Linnaeus

Anundabaru, British Guiana, January, 1928, 1 male.

RANGE.—The Guianas and the Amazon.

Nymphidium baeotia Hewitson

Tukeit, British Guiana, January, 1928, 2 females.

Anundabaru, British Guiana, January, 1928, 1 male.

RANGE.—The Guianas and the Amazon region.

Nymphidium cachrus Fabricius

Anundabaru, British Guiana, January, 1928, 3 males.

RANGE.—Colombia, the Guianas, and the Amazon region.

LYCAENIDAE

Theclinae

Thecla linus Fabricius

Arabupu, Brazil, December 26, 1927, 1 male.

Anundabaru, British Guiana, January, 1928, 4 males.

RANGE.—Colombia, Venezuela, the Amazon, and Bolivia.

Thecla ahola Hewitson

Upper Swamp Camp, Mt. Roraima, October 28, 1927, 1 female.

RANGE.—Mexico, Colombia, Venezuela.

Thecla beon Cramer

Arabupu, Brazil, December 26, 1927, 1 female.

Summit of Mt. Roraima, November 27, 1927, 2 females.

RANGE.—Central and South America as far as southeastern Brazil.

Thecla crethona Hewitson

Arabupu, Brazil, December 26, 1927, 1 female.

RANGE.—Seitz ('Macrolepidoptera of the World,' V, p. 799) gives the range of this species as being Cuba and Jamaica. The writer is unaware of any other records from so far south as Brazil.

Lycaeninae**Leptotes cassius** Cramer

Tukeit, Potaro River, British Guiana, January, 1928, 1 female.

RANGE.—Mexico and the West Indies to Argentina. Widely distributed and generally common.

TYLER DUIDA EXPEDITION

ERYCINIDAE**Euselasiinae****Euselasia erythraea** Hewitson

Mt. Duida, Venezuela, November 15, 1928, 1 male.

RANGE.—Colombia and the Amazon.

Euselasia euphaes Hewitson

Mt. Duida, Venezuela, November 12, 1928, 1 male.

RANGE.—Throughout the entire Amazon region.

Erycininae**Eurybia nicaea** Fabricius

Mt. Duida, Venezuela, November 14, 1928, 1 female.

Rio Negro, Brazil, September 19, 1928, 1 male.

RANGE.—Ecuador, Colombia, the Amazon region to southern Brazil.

Mesosemia menoetes Hewitson

Rio Negro, Brazil, September 19, 1928, 2 males.

RANGE.—Bolivia, the Guianas, and the Amazon region.

Mesosemia cippus Hewitson

Mt. Duida, Venezuela, November 23, 1928, 1 female.

RANGE.—Colombia and the Guianas across the Amazon region to Peru, Bolivia, and central Brazil.

Alesa amesis Cramer

Mt. Duida, Venezuela, November 24, 1928, 1 male, 1 female.

RANGE.—The Guianas and the Amazon region.

Riodina lysippus Linnaeus

Rio Negro, Brazil, September 5, 1928, 1 female.

RANGE.—Colombia, Venezuela, the Guianas, and the Amazon.

Diorina periander Cramer

Mt. Duida, Venezuela, November 24, 1928, 1 male.

RANGE.—Mexico, Central and South America as far as Bolivia to the west and southern Brazil to the east.

Mesene phareus Cramer

Mt. Duida, Venezuela, November 12, 1928, 1 male.

RANGE.—Bolivia, Colombia, Venezuela, and the Guianas.

Anteros formosus Cramer

Mt. Duida, Venezuela, March 5, 1929, 1 male.

RANGE.—From the northern coast of South America to southern Brazil and Peru.

Charis gynea zama Bates

Mt. Duida, Venezuela, November 23, 1928, 2 females.

RANGE.—Amazon region.

Lemonias luciana Fabricius

Mt. Duida, Venezuela, September 19, 1928, 1 male; November 14, 1928, 1 male.

RANGE.—Panama, Venezuela.

Echenais aristus Stoll

Mt. Duida, Venezuela, November 23, 1928, 1 female.

RANGE.—Surinam.

Echenais leucocyana Hübner-Geyer

Mt. Duida, Venezuela, November 12, 1928, 1 male.

RANGE.—The Guianas and the Amazon region.

Nymphidium baetia Hewitson

Mt. Duida, Venezuela, November 14, 1928, 1 male.

RANGE.—The Guianas and the Amazon region.

Nymphidium mantus Cramer

Mt. Duida, Venezuela, November 14, 1928, 2 males.

RANGE.—Venezuela and the Guianas to Brazil.

LYCAENIDAE**Theclinae*****Thecla atys* Cramer**

Mt. Duida, Venezuela, November 24, 1928, 1 male.

RANGE.—Panama and Colombia.

***Thecla color* Druce**

Mt. Duida, Venezuela, November 23, 1928, 1 male.

RANGE.—The Guianas.

***Thecla beon* Cramer**

Mt. Duida, Venezuela, November 23, 1928, 1 female.

RANGE.—Central and South America to southeast Brazil.

***Thecla atrius* Herrich-Schäffer**

Rio Negro, Brazil, September 12, 1928, 1 male.

RANGE.—Guatemala to the Amazon.

***Thecla vesulus* Cramer**

Mt. Duida, Venezuela, March 5, 1929, 2 females.

RANGE.—The Guianas to the Amazon.

***Thecla anthora* Hewitson**

Mt. Duida, Venezuela, March 5, 1929, 1 female.

RANGE.—The Guianas to the Amazon.

***Thecla cerata* Hewitson**

Mt. Duida, Venezuela, March 5, 1929, 1 female.

RANGE.—Guatemala to the Amazon.

***Thecla celmus* Cramer**

Mt. Duida, Venezuela, November 24, 1928, 1 female.

RANGE.—Mexico to southern Brazil.

***Thecla ceromia* Hewitson**

Rio Negro, Brazil, November 19, 1928, 1 female.

RANGE.—Bolivia and the Amazon region.

***Thecla basalides* Hübner**

Mt. Duida, Venezuela, February 7, 1929, 1 male.

RANGE.—Widely distributed from Mexico to southeastern Brazil.

