

Nota Científica

**NOTES ABOUT CTENUCHINAE (LEPIDOPTERA: ARCTIIDAE)
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The Ctenuchinae (= Syntomidae, Euchromidae, Amatidae, Ctenuchidae) comprise a group of moths that have been poorly studied all over the world, Venezuela is not the exception. For this reason, this work is the first of a series of publications that will allow a better understanding about Ctenuchinae fauna in Venezuela.

The Yacambú Park is located in southeast Lara State between the counties of Andrés Eloy Blanco and Jiménez, in the central-west region of Venezuela, it is in the Sierra Portuguesa portion of the Andes Mountains (Cordillera de los Andes). This region has an area of 14,580 ha with altitudes from 500 to 2,200 meters above sea level. The average annual rainfall is 1,886 mm., with two well distinguished seasons: a rainy season from April to November and a dry season from December to March. The average annual temperature is 20.6 °C. The type of vegetation is that of a cloud forest, with at least 600 plant species reported for this region (Marrero 1995).

The material for this study was collected from April 28 through May 4, 2003, in the locality called "El Blanquito" (9.70647° N y 69.57608°

W), 1,463 m. elevation. The working sessions took place from 18:00 to 6:00 hrs of the next day, a light trap with white screen was used, the light sources were a mercury vapor bulb (Phillips H37KB-250 Watts), combined with a second ultraviolet light tube (General Electric 40BLB-20 Watts). All the material was prepared according to the conventional techniques for Lepidoptera (Steyskal *et al.* 1986). Identification were made based on Draudt (1916-1919), and supported with Piñas and Manzano (2003) Hernández-Baz (1992) and some comparisons belonging to the National Entomological Collection of the Agriculture Zoology Museum of the Central University of Venezuela, as well as the private ctenuchinae collection of the author of this study.

After six days of sampling comprising 78 working hours, a total of 210 individuals representing were collected, 40 species. See Table 1.

This is the first report of ctenuchinae for the Yacambú National Park. Based on ours observations in the diverse natural ecosystems of this park, we are estimate that the richness of this group would be about 300 species.

Table 1.

List of preliminary Ctenuchinae from the Yacambú National Park

Arctiidae

Ctenuchinae

Ctenuchini

1. *Euchlorostola megathyris* (Hampson 1914)
2. *Coreura euchromoides* (Walker, 1861)
3. *Coreura simsoni* (Druce, 1885)
4. *Correbia lycoides* (Walker, 1854)
5. *Correbia undulata* (Druce, 1884)
6. *Ctenucha cyaniris* Hampson, 1898
7. *Cyanopepla fastuosa* (Walker, 1854)
8. *Cyanopepla micans* (Herrich-Schäffer, 1854)
9. *Cyanopepla cinctipennis* (Walker, 1865)
10. *Episcepsis inornata* (Walker, 1856)
11. *Episcepsis endodasia* Hampson, 1898
12. *Episcepsis littoralis* Rothschild, 1911
13. *Eucereon exile* Strand, 1901
14. *Eucereon phaeoproctum* Hampson, 1898.
15. *Eucereon striatum* (Druce, 1889)
16. *Eucereon tarona* Hampson, 1898
17. *Eucereon tigrata* (Herrich-Schäffer, 1855)
18. *Galethalea pica* (Walker, 1855)
19. *Nelphe setosum* (Sepp, 1848)

Euchromiini

20. *Myrmecopsis ichneumonea* (Herrich-Schäffer, 1854)
21. *Cosmosoma melanopera* (Hampson, 1898)
22. *Cosmosoma auge* (Linnaeus, 1767)
23. *Cosmosoma coccinifera* Dognin, 1912
24. *Cosmosoma festivum* (Walker, 1854)
25. *Cosmosoma telephus* (Walker, 1854)
26. *Andrenimorpha flavitarsis* (Walker, 1854)
27. *Andrenimorpha lyrcea* (Druce, 1883)
28. *Andrenimorpha carabayana* (Rothschild, 1911)
29. *Andrenimorpha lucens* (Dognin, 1902)
30. *Homoeocera crassa* Felder, 1874
31. *Homoeocera albizonata* Dognin, 1914
32. *Sphecosoma felderi* (Druce, 1883)
33. *Macrocneme lades* (Cramer, 1776)
34. *Mesothera erythaema* Hampson, 1898
35. *Phaio albicincta* (Schaus, 1896)
36. *Phaio sylvia* (Schaus, 1896)
37. *Poliopastea chrysotarsia* (Hampson, 1898)
38. *Poliopastea nigratarsia* (Hampson, 1898)
39. *Sarosa helotes* Druce, 1900
40. *Saurita diffusa* Schaus, 1911

The present results are part of the project "The Ctenuchinae (Lepidoptera:Arctiidae) of the American Continent" code: 22314200592, under the support of the Universidad Veracruzana. All the studied material is kept in the world collections of Ctenuchinae with scientific collection registration. Code: (SEMARNAT / CITES / CP-0026-VER/05)

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