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New species of butterflies for Reserva Silvestre Privada  
El Jaguar.

Marcel Niederberger



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**Foto de la portada:** *Marpesia zerynthia dentigera* (picture by Marcel Niederberger).

## New species of butterflies for Reserva Silvestre Privada El Jaguar.

Marcel Niederberger<sup>1</sup>

### RESUMEN

Este trabajo presenta 15 especies de mariposas de la Reserva Silvestre Privada El Jaguar, adicionales a las 166 reportadas por Zawadzki, Gauthier, Hernández & Maes (2018).

### ABSTRACT

This document presents 15 species of butterflies from “Reserva Silvestre Privada El Jaguar”, additional to the 166 species reported by Zawadzki, Gauthier, Hernandez & Maes (2018).

### INTRODUCTION

El Jaguar is privately protected area comprising good patches of cloud forest mixed with organic coffee. Despite the relatively small area, the protected area is rich in Biodiversity. Arboreal ferns, some giant oaks, many species of birds give testimony of the valuable for conservation this area is.

In butterflies, 15 species including in the present paper represent nearly an additional 10 % to the 166 reported ones in 2018, giving us a total of 181 butterflies species. A little bit more effort in Lycaenidae, Riodinidae and Hesperiidae will surely raised this number over 200 species.

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***Dismorphia eunoe desine* (Hewitson, 1869).**

*Leptalis desine* Hewitson, 1869 [Nicaragua].

*Leptalis deione* Hewitson, 1870 [Nicaragua: Chontales].

Range: Nicaragua to Panama.

Distribution in Nicaragua: Jinotega, Matagalpa, Chontales, RACN (RAAN).

Foodplants: Fabaceae:

- *Inga herrerae*
- *Inga semialata*

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 12 - IV - 2019,  
col. Marcel Niederberger (1 ex.).



Male: dorsal and ventral, specimen from El Jaguar

***Eurema salome jamapa* (Reakirt, 1866)**

Range: USA (south New Mexico, South Texas) to Panama.

Distribution in Nicaragua: Jinotega, Matagalpa, Esteli.

Foodplants: Fabaceae: *Diphysa robinoides*.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 13/17 - IV - 2019, col. Marcel Niederberger (2 ex.).



Male: dorsal and ventral, specimen from El Jaguar



Female: dorsal and ventral, specimen from El Jaguar

***Strymon istapa istapa* (Reakirt, 1867)**

Range: USA (south Texas), Mexico to Argentina.

Distribution in Nicaragua: Jinotega, Matagalpa, Managua.

Foodplants: Malvaceae:

- *Malvastrum coromandelium*.
- *Sida spinosa*.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14 - IV - 2019, col. Marcel Niederberger (1 ex.).



Female: dorsal and ventral, specimen from El Jaguar

***Laothus barajo* (Reakirt, 1867)**

*Thecla barajo* Reakirt, 1867: 333 [Mexico].

*Thecla desdemona* Hewitson, 1867: 30, pl. 45, figs. 189-190 [Guatemala].

Range: SE Mexico to Panama.

Distribution in Nicaragua: Jinotega, Chontales, RACS (RAAS).

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 13/16 - IV - 2019, col. Marcel Niederberger (2 ex.).



View: dorsal and ventral, specimen from El Jaguar

***Consul fabius cecrops* (E. Doubleday, 1849)**

*Protagonius cecrops* Doubleday & Hewitson, 1849 [Ecuador].

Range: Mexico to Bolivia.

Distribution in Nicaragua: Jinotega, Matagalpa, Chinandega, Managua, Masaya, Granada, Ometepe, Chontales, Rio San Juan.

Foodplants: Piperaceae: *Piper santi-felicis*.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14/16 - IV - 2019, col. Marcel Niederberger (2 ex.).



View: dorsal and ventral, specimen from El Jaguar

***Adelpha iphicleola iphicleola* (H. Bates, 1864)**

Range: Mexico to Panama.

Distribution in Nicaragua: Jinotega, Boaco, Chontales, Managua, RACS (RAAS), Rio San Juan.

Foodplants: Rubiaceae:

- *Calycophyllum candidissimum*.
- *Guettarda macroisperma*.
- *Uncaria tomentosa*.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14 - IV - 2019, col. Marcel Niederberger (1 ex.).



View: dorsal and ventral, specimen from El Jaguar

***Vanessa virginiensis* (Drury, 1773)**

Range: Bahamas, Great Antilles, Hawaii, Canary Is., N. Am. to Colombia.

Distribution in Nicaragua: Jinotega, Matagalpa.

Foodplants: various Asteraceae, Malvaceae and Scrophulariaceae.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14 - IV - 2019, col. Marcel Niederberger (1 ex.).



View: dorsal and ventral, specimen from El Jaguar

*Chlosyne janais* (Drury, 1782).

Range: USA (Texas), Mexico to Colombia.

Distribution in Nicaragua: Jinotega, Matagalpa, Chontales, RACN (RAAN), Rio San Juan.

Foodplants: Acanthaceae: *Odontonema* sp.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14 - IV - 2019, col. Marcel Niederberger (3 ex.).



Male: dorsal and ventral, specimen from El Jaguar



Female: dorsal and ventral, specimen from El Jaguar

***Marpesia zerynthia dentigera* (Fruhstorfer, 1907).**

*Timetes coresia* Godart; Godman & Salvin, 1884.

*Megalura dentigera* Fruhstorfer, 1907 [Peru].

Range: E & S Mexico to Ecuador.

Distribution in Nicaragua: Jinotega, Matagalpa, Chontales.

Foodplants: unknown.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 17 - IV - 2019, col. Marcel Niederberger (1 ex.).



View: dorsal and ventral, specimen from El Jaguar

***Heliconius charithonia vazquezae* W. Comstock & F. Brown,  
1950.**

Range: USA (Texas), Mexico through Central America.

Distribution in Nicaragua: Nueva Segovia, Jinotega, Matagalpa, Leon, Managua, Masaya, Granada, Ometepe, Chontales, RACN (RAAN), Rio San Juan.

Foodplants: *Passiflora* spp. and *Tetrastylis lobata*.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14 - IV - 2019, col. Marcel Niederberger (2 ex.).



View: dorsal and ventral, specimen from El Jaguar



View: dorsal and ventral, specimen from El Jaguar

***Pteronymia artena artena* Hewitson, 1855**

Range: E Mexico to Nicaragua.

Distribution in Nicaragua: Jinotega, Matagalpa.

Foodplants: Solanaceae: *Lycianthes*.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 12 - IV - 2019, col. Marcel Niederberger (1 ex.).



View: dorsal and ventral, specimen from El Jaguar

***Pseudoscada timna pusio* (Godman & Salvin, 1877).**

*Ithomia pusio* GODMAN & SALVIN, 1877:61 [Nicaragua: Chontales]  
*Pseudoscada timna pusio* (GODMAN & SALVIN); Zawadski, Gauthier, Hernández  
& Maes, 2018: 164-165.

Range: Nicaragua to Panama.

Distribution in Nicaragua: Jinotega, Matagalpa, Chontales, RACN (RAAN).

Foodplants: Solanaceae.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 12 - IV - 2019,  
col. Marcel Niederberger (1 ex.).



View: dorsal and ventral, specimen from El Jaguar

***Cissia labe* (Butler, 1870).**

Range: S Mexico to Ecuador.

Distribution in Nicaragua: Jinotega, Matagalpa, Boaco, Granada, Chontales, RACN (RAAN), Rio San Juan.

Foodplants: Poaceae: *Ichnanthus*, *Paspalum*.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14/15 - IV - 2019, col. Marcel Niederberger (2 ex.).



View: dorsal and ventral, specimen from El Jaguar



View: dorsal and ventral, specimen from El Jaguar

***Cyllopsis hedemanni hedemanni* R. Felder, 1869.**

Range: E & S Mexico to Panama.

Distribution in Nicaragua: Esteli, Jinotega, Matagalpa.

Foodplants: unknown.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14 - IV - 2019, col. Marcel Niederberger (1 ex.).



Male: dorsal and ventral, specimen from El Jaguar

***Cyllopsis pepredo* (Godman, 1901).**

Range: SE Mexico to Panama.

Distribution in Nicaragua: Jinotega, Matagalpa.

Foodplants: unknown.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14/17 - IV - 2019, col. Marcel Niederberger (2 ex.).



Male: dorsal and ventral, specimen from El Jaguar



Female: dorsal and ventral, specimen from El Jaguar

***Pareuptychia metaleuca* (Boisduval, 1870).**

Range: Mexico to Panama.

Distribution in Nicaragua: Jinotega, Matagalpa, Boaco, Chontales, RACN (RAAN), RACS (RAAS), Rio San Juan.

Foodplants: Poaceae.

Results of the collection:

- Nicaragua: Jinotega: R.S.P. El Jaguar, 13.236634 -86.053377, 14/17 - IV - 2019, col. Marcel Niederberger (1 ex.).



View: dorsal and ventral, specimen from El Jaguar

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## BIBLIOGRAPHY

**ZAWADZKI W., GAUTHIER K., HERNANDEZ B. & MAES J.M. (2018)** Mariposas de la Reserva Silvestre Privada El Jaguar. Revista Nicaraguense de Entomología, 158:296 pp.

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