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Glenurus peculiaris (Walker, 1860)

foto: U. Drechsel

New record of *Crinodes nebulosa* Schaus, 1901 from Paraguay (Lepidoptera: Notodontidae)

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Abstract: The occurrence of *Crinodes nebulosa* Schaus, 1901 in Paraguay is reported, based on recent records in different parts of the central Chaco.

Resumen: Se reporta la ocurrencia de *Crinodes nebulosa* Schaus, 1901 en el Paraguay, en base a registros recientes en distintos lugares del Chaco central.

Zusammenfassung: Das Vorkommen von *Crinodes nebulosa* Schaus, 1901 in Paraguay wird berichtet, basierend auf jüngsten Funden in verschiedenen Teilen des zentralen Chacos.

Key words: Paraguay, Notodontidae, *Crinodes nebulosi*, distribution.

Introduction

The genus *Crinodes* Herrich-Schäffer, 1855 belongs to the widely distributed subfamily Dudusinae Matsumura, 1929 and occurs with 20 species from southern Arizona through Central America and South America up to Northern Argentina. Three species, *Crinodes huebneri* Schintlmeister, 2019, *C. ritsemae* Butler, 1878 and *C. stridata* Schaus, 1901 were known so far from Paraguay (Schintlmeister 2019). Another species, *C. fuscipennis* Rothschild, 1917 is expected to occur in Paraguay, as this has been reported from Brazil, Bolivia and Argentina (Misiones).

Here is presented a further species, *C. nebulosa* Schaus, 1901, which was found recently in several localities of the central and northern part of the Paraguayan Chaco.

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***Crinodes nebulosa* Schaus, 1901**

Although *C. nebulosa* has been known for a long time, no findings from Paraguay have yet been announced. In the recently published revision of the genus (Schintlmeister 2019), only Bolivia (Cochabamba) and Argentina (Tucuman and Jujui) are specified as the distribution area. Giacomelli (1922) reports the species of Cordoba (Argentina) and also announces the caterpillar's forage plant which is *Ziziphus mistol* Griseb. (Rhamnaceae). He also gives a short description of the probably last larval instar and the pupa:

"...oruga que vive sobre el Mistol (*Zizyphus Mistol* Griseb.) Es de color negro morado; con dos series de manchas de color blanco tendiente a crema en forma más o menos de lúnulas, situadas cada una lateralmente, más arriba de la línea de los estigmas; tienen además pelos cortos y ralos, dispuestos en serie longitudinal en toda la región lateral y superior del cuerpo. Patas espurias en el 6°, 7°, 8° y 9° segmento. La crisálida es recogida de forma, de color castaño oscuro usual, y con estigmas muy distintamente visibles. La eclosión a imago sucede después de 3 o 4 semanas."

In Paraguay, *C. nebulosa* was now detected in the central part of the Chaco (sense Prado 1993), namely from all three departments "Presidente Hayes", "Boquerón" and "Alto Paraguay".



Figs 1-4: *Crinodes nebulosa* Schaus, 1901. 1) male, 27. IV. 2015, Laguna Capitan; 2) male, 6. II. 2020, Fortin Toledo; 3) female, 11. IV. 2018, Chaco Lodge; 4) female, 1. V. 2020, Chaco Lodge



Fig. 5: Typical vegetation of the central Chaco at one of the detection sites of *C. nebulosa* "Laguna Capitan"



Fig. 6: Small tree of the forage plant *Ziziphus mistol* at a further detection site of *C. nebulosa* "Fortin Toledo"



Mapa de los registros de *C. nebulosa* in Paraguay

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FRONT COVER PHOTO: *Glenurus peculiaris* (Walker, 1860) (Myrmeleontidae), Paraguay, Dep. San Pedro, Laguna Blanca, 16. II. 2014

