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## On the validity of some species names of South American longhorn beetles (Coleoptera, Cerambycidae)

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### Abstract

In this work, we propose the following taxonomic acts: in Elaphidiini, *Ambonus variatus* (Newman, 1841) is transferred to *Centrocerum* Chevrolat, 1861 and has as new junior synonyms *Elaphidion elegans* Chevrolat, 1861 and *E. elegans* var. *hirsutum*, var. *jocosum*, and var. *puberulum*, all names proposed by Chevrolat in 1861 as varieties and deemed here as available. In Acanthocinini, *Leptostylus neivai* Melzer, 1930 is raised from synonymy with *L. ovalis* Bates, 1863 based on morphological and distributional data. In Acanthoderini, a new synonymy is proposed between *Acanthoderes leucogaeus* Erichson, 1847 and *A. virescens* Fuchs, 1962, while in Anisocerini, *Tetrasarus lineatus* Bréthes, 1920 (described in Acanthoderini) is here considered a junior synonym of *Caciomorpha genalis* (Aurivillius, 1908).

**Key words:** Synonymy, *Centrocerum*, *Leptostylus*, *Acanthoderes*, *Caciomorpha*

### Resumo

Neste trabalho, nós propomos os seguintes atos taxonômicos: em Elaphidiini, *Ambonus variatus* (Newman, 1841) é transferida para *Centrocerum* Chevrolat, 1861 e tem como novos sinônimos *Elaphidion elegans* Chevrolat, 1861 e *E. elegans* var. *hirsutum*, var. *jocosum* e var. *puberulum*, todos nomes propostos por Chevrolat, em 1861, como variedades e considerados aqui como disponíveis. Em Acanthocinini, *Leptostylus neivai* Melzer, 1930 é revalidada da sinonímia com *L. ovalis* Bates, 1863 baseado em dados morfológicos e de distribuição. Em Acanthoderini, é proposta nova sinonímia entre *Acanthoderes leucogaeus* Erichson, 1847 e *A. virescens* Fuchs, 1962, enquanto em Anisocerini, *Tetrasarus lineatus* Bréthes, 1920 (descrita em Acanthoderini) é aqui considerada como sinônimo júnior de *Caciomorpha genalis* (Aurivillius, 1908).

### Introduction

During the last few years, we had the opportunity to visit several institutions and examine type material of many species of Neotropical Cerambycidae. Among those institutions are: The Natural History Museum, London, and the Hope Entomological Collections, Oxford University Museum of Natural History, Oxford, both in the United Kingdom, and the Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Buenos Aires, Argentina. As a result of this examination of type specimens, as well as of non-type material, we reassess the validity and generic placement of some species names and propose here five new synonymies, one species revalidation, and one new generic combination.

### Material and methods

Abbreviations used in this work are as follows: