

Taxonomic studies on Anthaxiina Gory & Laporte de Castelnau and Curina Hołyński (Coleoptera: Buprestidae)

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Abstract

Thailandia Bílý, 1990 is considered to be a subgenus of *Anthaxia* Eschscholtz, 1829, and the following new synonymies in *Anthaxia* are proposed: *Anthaxia congolana* Kerremans, 1909 = *A. electra* Cobos, 1967 **syn. n.**; *A. crassa* Obenberger, 1922 = *A. proserpina* Cobos, 1967 **syn. n.** = *A. hunti* Théry, 1930 **syn. n.**; *A. turneri* Obenberger, 1931 = *A. ceres* Cobos, 1967 **syn. n.**; and *A. dilatipes* Obenberger, 1928 = *A. pilosa* Théry, 1928 **syn. n.** *Cylindrophora* Solier, 1849 is considered a full genus (formerly a subgenus of *Anthaxia*) and transferred to *Curina*, and the problem of its type species is discussed. A new genus, *Romanophora* **gen. n.**, is created for *Anthaxia verecunda* (Erichson, 1834) and placed in the *Curina*. The genus *Brasilaxia* Théry, 1935 is discussed, and a new status for *Bilyaxia* Hołyński, 1989 (formerly a subgenus of *Anthaxia*) is suggested together with new synonymy and new combination: *Bilyaxia mariae* (Cobos, 1956) **stat. & comb. nov.**, *B. bucki* (Cobos, 1956) = *B. kaffai* Bílý, 1997, **syn. n.** A modified concept of *Anthaxiina* Gory & Laporte de Castelnau, 1839 and *Curina* Hołyński, 1988 is proposed.

Key words: taxonomy, synonymy, new combinations, Coleoptera, Buprestidae, *Anthaxiina*, *Curina*, *Romanophora* gen. n.

Introduction

After having studied the rich materials of *Anthaxiina* Gory & Laporte de Castelnau, 1838 and *Curina* Hołyński, 1988 in Museo Nacional de Ciencias Naturales, Madrid and Muséum national d'Histoire Naturelle, Paris, I found some taxonomic and nomenclatural problems which should be solved before the major catalogue projects dealing with Buprestidae are finished. Problems in *Anthaxiina* can be simply solved by publishing new synonymy for certain species, changing the status of one genus group name and by a removing one genus name from synonymy. The situation in *Curina* is much more complicated due to the erroneous interpretation of some type species in the past, and thus a more detailed dis-