

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-