

**A new fossil species of *Elaphidion* Audinet-Serville, 1834
with systematic notes on the Lamiinae from Dominican amber
(Coleoptera Cerambycidae)**

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Summary - A new fossil species, *Elaphidion inclusum* **nov. sp.** (Elaphidiini), included in Dominican amber (Early Miocene) is described. The genus *Pterolophosoma* Vitali, 2005 (Dominican amber, Early Miocene) is transferred from Lamiinae *incertae sedis* to the tribe Desmiphorini Lacordaire, 1872. The systematic position of *Paleohemilophus dominicanus* Martins & Galileo, 1998 (Dominican amber, Early Miocene) is analysed, stating its very close relationship with the North American genus *Hemierana* Aurivillius, 1923.

Resumen - En esta nota es descrita una nueva especie fósil incluida en el ámbar Dominicano (Mioceno Inferi6r): *Elaphidion inclusum* **nov. sp.** (Elaphidiini). El g6nero *Pterolophosoma* Vitali, 2005 (ámbar Dominicano, Mioceno Inferi6r) es trasferido de Lamiinae *incertae sedis* en la tribu Desmiphorini Lacordaire, 1872. La posici6n sistemática de *Paleohemilophus dominicanus* Martins & Galileo, 1998 (ámbar Dominicano, Mioceno Inferi6r) es analizada evidenciando su estrecha relaci6n con el g6nero Nord americano *Hemierana* Aurivillius, 1923.

Key-words - Coleoptera, Cerambycidae, Cerambycinae, Elaphidiini, *Elaphidion*, Lamiinae, Desmiphorini, *Pterolophosoma*, Hemilophini, *Paleohemilophus*, new species, systematics, fossil, Dominican amber.

Introduction

While the description of the first long-horned beetles preserved in Baltic amber goes back to the second half of the 19th century, that of the species preserved in Dominican amber is a relatively recent history. Through the description of MARTINS & GALILEO (1999), VITALI (2004), NEARNS & BRANHAM (2005) and VITALI (2006), four species are known today. Nonetheless, the total amount of species is in all likelihood much wider, since POINAR (1992) listed several specimens belonging to current genera *Methia*, *Eburia*, *Caribbomerus*, *Elaphidion*, *Plectromerus* and ?*Eugamandus*.

In this paper the fifth longicorn preserved in Dominican amber is described; it belongs to a genus currently well represented and widespread in Tropical America and in the Antilles.