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Nomenclatural changes in Neotropical Tracheini with the description of *Hylaeogena aeneonitens* sp. nov. (Coleoptera: Buprestidae) from the Orinoco basin in Venezuela

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Abstract

Investigations of specimens belonging to the genus *Hylaeogena* Obenberger, 1923 from South America and especially from Venezuela and corresponding types in European institutional collections has led to the detection of a number of new synonyms and new combinations. These proposed nomenclatural changes are for species in the genera *Hylaeogena* Obenberger, 1923 and *Pachyschelus* Solier, 1833. The following nomenclatural changes are proposed: *Hylaeogena atroviridis* (Fisher, 1922) = *H. insidiosa* Cobos, 1978 syn. nov. = *H. venezuela* Bellamy, 1996 syn. nov., *Hylaeogena capitata* (Kerremans, 1903) comb. nov., *Hylaeogena cincta* (Waterhouse, 1889) = *H. circumciliata* Cobos, 1967 syn. nov., *Hylaeogena circularis* (Kerremans, 1899) = *H. bruchi* (Kerremans, 1903) syn. nov. = *H. scutellaris* Obenberger, 1925 syn. nov., *Hylaeogena circumdata* (Kerremans, 1897) comb. nov. = *H. achardi* Obenberger, 1925 syn. nov., *Hylaeogena circumscripta* (Kerremans, 1903) = *H. bryanti* Théry, 1940 syn. nov., *Hylaeogena speculum* (Klug, 1827) = H. *cordieri* Obenberger, 1923 syn. nov., and *Pachyschelus lunifer* Waterhouse, 1889 comb. nov. Lectotype and paralectotype for *H. speculum* (Klug) are designated. *Hylaeogena aeneonitens* sp. nov. from the Orinoco basin in Venezuela is described and illustrated. Furthermore, new country records for the occurrence of the genus *Hylaeogena* in Venezuela are given.

Resumen

Las investigaciones de especímenes pertenecientes al género *Hylaeogena* Obenberger, 1923 de Suramérica y especialmente de Venezuela y los tipos correspondientes de colecciones institutionales europea llevó a la detección de una serie de sinónimos y combinaciones nuevas. Estos cambios nomenclaturales propuestos están afectando los géneros *Hylaeogena* Obenberger, 1923 y *Pachyschelus* Solier, 1833. Los cambios nomenclaturales que se sugieren son: *Hylaeogena atroviridis* (Fisher, 1922) = *H. insidiosa* Cobos, 1978 syn. nov. = *H. venezuela* Bellamy, 1996 syn. nov., *Hylaeogena capitata* (Kerremans, 1903) comb. nov., *Hylaeogena cincta* (Waterhouse, 1889) = *H. circumciliata* Cobos, 1967 syn. nov., *Hylaeogena circularis* (Kerremans, 1899) = *H. bruchi* (Kerremans, 1903) syn. nov. = *H. scutellaris* Obenberger, 1925 syn. nov., *Hylaeogena circumdata* (Kerremans, 1897) comb. nov. = *H. achardi* Obenberger, 1925 syn. nov., *Hylaeogena circumscripta* (Kerremans, 1903) = *H. bryanti* Théry, 1940 syn. nov., *Hylaeogena speculum* (Klug, 1827) = *H. cordieri* Obenberger, 1923 syn. nov. y *Pachyschelus lunifer* Waterhouse, 1889 comb. nov. Lectotipo y paralectotipo para *H. speculum* (Klug) se designan. Se describe e ilustra *Hylaeogena aeneonitens* sp. nov. de la cuenca del Orinoco en Venezuela. Además se publican nuevos registros de la ocurrencia del género *Hylaeogena* para el territorio de Venezuela.

Keywords: Coleoptera, Buprestidae, Agrilinae, Pachyschelina, Hylaeogena, Pachyschelus, new species, faunistic, Venezuela

Introduction

The leaf-mining jewel beetle (Coleoptera: Buprestidae) genus *Hylaeogena* Obenberger, 1923 is distributionally confined to Central and South America. It comprises 106 valid taxa according to the recent listing by Bellamy (2008). The dispersion of type specimens and especially the lack of comprehensive study material make any profound modern systematic effort quite complicated. The revision by Obenberger (1923) is the only existing extensive treatment. His collection, preserved in Prague's National Museum (Kunratice), represents the ideal resource

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