

Anthaxia (Melanthaxia) zarazagai Arnáiz & Bercedo, 2003, **resurrected** from synonymy with *A. (M.) carmen carmen* Obenberger, 1912; type material studied.

Comments

Anthaxia subgen. *Anthaxiola* Richter, with as type species *Anthaxia anatolica* Chevrolat, 1838 (by monotypy), was established already in Richter, 1945 (ICZN, Art. 12.2.5).

Anthaxia subgen. *Chrysanthaxia* Richter, with as type species *Anthaxia polychloros* Abeille de Perrin, 1894 (by monotypy), was established already in Richter, 1945 (ICZN, Art. 12.2.5).

Anthaxia subgen. *Mesanthaxia* Richter, with as type species *Anthaxia olympica* Kiesenwetter, 1880 (by monotypy) was established already in Richter, 1945 (ICZN, Art. 12.2.5).

Buprestidae: Agrilus

E. Jendek

Comments

There are currently 37 valid subgenera in the genus *Agrilus* Curtis, 1825, of which 23 are relevant for the Palaearctic fauna. Relatively few species are assigned to these subgenera, while many species remain unassociated. This is due to the fact that these subgenera were established based on a limited fauna, in disregard of the tremendous diversity of the worldwide genus *Agrilus*, and in the absence of any phylogenetical study. As a result this classification is useless, and it promotes instability within the genus.

However, since the subgenera are at present considered valid, they were used in the Catalogue, but only tentatively, until a meaningful phylogenetical study of the lineages within the genus *Agrilus* becomes available.

Ressurrection

Agrilus violaceus Nonfried, 1892, is available. It was incorrectly suppressed because of its presumed homonymy with *Agrilus violacellus* J. Thomson, 1879.

New synonyms

Agrilus nonfriedi Kerremans, 1900, **syn. nov.** of *A. violaceus* Nonfried, 1892; it was proposed as an unnecessary replacement name.

Agrilus supremus Obenberger, 1917, **syn. nov.** of *A. pseudocyaneus* Kiesenwetter, 1857

Agrilus hokkaidoensis Tôyama, 1985, **syn. nov.** of *A. shibatai* Kurosawa, 1964

Agrilus angustulus var. *maroccanus* Obenberger, 1923, **syn. nov.** of *Agrilus angustulus bicoloratus* Abeille de Perrin, 1893

Note

Agrilus minusculus Marseul, 1866 described from "Autriche [= Austria]" is a North American species with erroneous type locality and therefore removed from the Palaearctic fauna.

Byrrhidae

O. Jaeger & A Pütz

Designation of type species

Pseudobyrrhus Fiori, 1952 was described as a subgenus of *Byrrhus*. The author failed to designate the type species, and the name is therefore unavailable. The taxon is characterized in Fiori, 1952: 377. *Byrrhus pilosellus* A. Villa & G. B. Villa, 1833, originally included in *Pseudobyrrhus* by Fiori, 1952, is here designated as the type species of *Pseudobyrrhus*.

Elmidae

M. A. Jäch & J. Kodada

New replacement names

Stenelmis insufficiens Jäch & Kodada **nom. nov.** for *Stenelmis sinuata* Z. Zhang & J. Yang, 1995

Stenelmis zhangii Jäch & Kodana, **nom. nov.** for *Stenelmis subsulcata* Z. Zhang, Su & C. Yang, 2003