



Nomenclatorial and faunistic notes on some world Aderidae (Coleoptera)

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Abstract

New records are provided for the following species: *Aderus populneus* (Creutzer, 1796) from Armenia, Azerbaijan and Cyprus; *Otolelus flaveolus* (Mulsant & Rey, 1866a) from Tessin and Valais (Switzerland), *O. neglectus* (Jacquelin du Duval, 1863) from Switzerland; *O. ruficollis* (Rossi, 1794) from Jordan, and *Pseudanidorus pentatomus* (Thomson, 1864) from Italy. *Euglenes oculatus* (Paykull, 1798) is excluded from the Italian fauna. The southernmost records for *Pseudanidorus pentatomus* (Italy, Latium) and *Phytobaenus amabilis amabilis* R. F. Sahlberg, 1834 (Italy, Calabria) are provided.

The following synonymies are established: *Xylophilus pruinosus* var. *testaceus* Baudi di Selve, 1877b (not *X. testaceus* Kolenati, 1846) = *Otolelus pruinosus pruinosus* (Kiesenwetter, 1861) **n. syn.**; *Xylophilus testaceus* var. *humeralis* Favre, 1890 (not *X. humeralis* Champion, 1890a) = *Otolelus neglectus* (Jacquelin du Duval, 1863) **n. syn.**

Escalerosia **n. gen.** (type species *Hylophilus aculithorax* Escalera, 1922) is described by validation of *Escalerosia* Báguena Corella, 1948 [*nomen nudum*].

Type species are designated for the following genus-group names: *Pseudolotelus* Pic, 1901 (type species *Euglenes punctatissimus* Reitter, 1885), *Syzeton* Blackburn, 1891 (type species *Syzeton laetus* Blackburn, 1891), and *Syzetoninus* Blackburn, 1891 (type species *Syzetoninus mundus* Blackburn, 1891).

The following names are established to be unavailable: *Carinatophilus* Báguena Corella, 1948; *Escalerosia yebonensis* ab. *benzanensis* Báguena Corella, 1948; *E. severini* ab. *telluricus* Báguena Corella, 1948; *E. bicolor* var. *binigropedes* Báguena Corella, 1962; *Hylophilus curtippennis* var. *tauricus* Pic, 1917, and *H. monstrosipes* var. *semibrunnescens* Pic, 1917. *Otolelus* Mroczkowski, 1987, established as replacement name for *Olotelus* Mulsant & Rey, 1866a (not *Olotelus* Solier, 1851), lacks a type species and is an unavailable name; its authorship is attributed to Klinger (2000), who fixed *Xylophilus pruinosus* Kiesenwetter, 1861 as type species. *Euglenes pygmaeus* (DeGeer, 1775) is an incorrect subsequent spelling of *pygmeus* but is in prevailing usage, thus it is deemed to be a correct original spelling. *Notoxus ruficollis* Rossi, 1794, currently *Otolelus ruficollis* (Aderidae), and *Notoxus ruficollis* Champion, 1890 (Anthicidae) are homonyms but the senior homonym was placed in a separate genus before the junior name was described, so no immediate nomenclatorial action is required. *Xylophile* Latreille, 1825 is confirmed to be a vernacular unavailable name, whereas *Xylophilus* Latreille, 1829 (type species *Notoxus populneus* Creutzer, 1796) is a synonym of *Aderus* Stephens, 1829 **n. syn.** *Xylophilus* Curtis, 1830 (type species *Anthicus oculatus* Paykull, 1798), is removed from synonymy with *Aderus* Stephens, 1829 and is established to be an objective synonym of *Euglenes* Westwood, 1830 **n. syn.** *Xylophilus bimaculatus* is confirmed to be only a subsequent incorrect spelling (unavailable name) of *X. bisbimaculatus* Hampe, 1850. *Euglenus*, *Aglenes*, *Helophilus*, *Pseudolotelus*, *Tokyophilus*, *Tokiophylus*, *Xilophilus* and *Xylophylus* are established to be subsequent incorrect spellings (unavailable names) of *Euglenes* Westwood, 1830, *Hylophilus* Berthold, 1827, *Pseudolotelus* Pic, 1901, *Tokiophilus* Pic, 1921 and *Xylophilus* Latreille, 1829, respectively. *Xylophila* Lamarck, 1817 is excluded from the Aderidae; a formal assignment of this genus to a family based on a type species selection has not been done.

Key words: Coleoptera, Aderidae, Anthicidae, nomenclature, new synonymies, new records, type species designations, unavailable names, Afrotropical region, Palaearctic region, Panama, Australia.