

**ADAMOSTENUS NOM. NOV., A REPLACEMENT NAME
FOR THE ROVE BEETLES SUBGENUS *METASTENUS*
ADAM, 1987 (COLEOPTERA: STAPHYLINIDAE)**

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ABSTRACT: A junior homonym was detected amongst the rove beetles genus group names and the following replacement name is proposed: *Adamostenus* nom. nov. for *Metastenus* Adam, 1987. Accordingly, new combinations are herein proposed for the species group names currently included in this subgenus.

KEY WORDS: nomenclatural change, homonymy, replacement name, Staphylinidae, Coleoptera.

Subgenus *ADAMOSTENUS* nom. nov.

Metastenus Adam, 1987. *Nat Hist Natl Parks Hung* 5: 135. (Insecta: Coleoptera: Polyphaga: Staphyliniformia: Staphylinoidae: Staphylinidae: Steninae). Preoccupied by *Metastenus* Walker, 1834. *Entom. Mag.*, 2 (3), 301. (Insecta: Hymenoptera: Apocrita: Terebrantes: Chalcidoidea: Pteromalidae: Pteromalinae).

Remarks on nomenclatural change: Adam (1987) proposed the genus name *Metastenus* with the type species *Stenus binotatus* Ljungh, 1804 for rove beetles (Staphylinidae). Puthz (1999) gave it as *Stenus* (*Metastenus*) Adam, 1987 (reduced in rank from genus *Metastenus*). The genus *Stenus* Latreille, 1797 has 5 subgenera (incl. *Metastenus* Adam, 1987) for the present. It is still used as a valid genus group name in Staphylinidae (e.g. Löbl & Smetana, 2004). According to Löbl & Smetana (2004), the subgenus *Stenus* (*Metastenus*) Adam, 1987 includes 34 species. Unfortunately, the genus group name was already preoccupied by Walker (1834), who had described the genus *Metastenus* with the type species *Metastenus concinnus* Walker, 1834 for Hymenoptera. Also, it is still used as a valid genus name in Hymenoptera (e.g. Neuenschwander et al., 1987; Fry, 1989; Garrido Torres & Nieves-Aldrey, 1999; Noyes, 2003). The genus *Metastenus* Walker, 1834 which is distributed in Democratic Republic of Congo (Zaire), Europe, Guinea-Bissau, Nigeria, North Africa and Togo includes 5 species as *Metastenus concinnus* Walker, 1834; *Metastenus townsendi* (Ashmead, 1904); *Metastenus sulcatus* (Dodd, 1915); *Metastenus caliginosus* Szelenyi, 1981 and *Metastenus indicus* Sureshan & Narendran, 2002. Thus, the subgenus *Metastenus* Adam, 1987 is a junior homonym of the generic name *Metastenus* Walker, 1834. So we propose a new replacement name *Adamostenus* **nom. nov.** for *Metastenus* Adam, 1987.

Etymology: from L. Adam who is the current author of preexisting subgenus *Metastenus*.

Summary of nomenclatural changes:

Genus *Stenus* Latreille, 1797

Subgenus *Stenus* (*Adamostenus*) **nom. nov.**

= *Stenus* (*Metastenus*) Adam, 1987 (non Walker, 1834).

Stenus (*Adamostenus*) *aestivus* Naomi, 1988 **comb. nov.**

= *Stenus* (*Metastenus*) *aestivus* Naomi, 1988

Distribution: Japan.

Stenus (*Adamostenus*) *algiricus* Puthz, 1994 **comb. nov.**

= *Stenus* (*Metastenus*) *algiricus* Puthz, 1994

Distribution: Algeria.

Stenus (*Adamostenus*) *arabicus* Saulcy, 1865 **comb. nov.**

= *Stenus* (*Metastenus*) *arabicus* Saulcy, 1865

Distribution: Armenia, Iran, Israel, Jordan, Lebanon, Syria, Turkey, China (Liaoning).

Stenus (*Adamostenus*) *audax* Sahlberg, 1900 **comb. nov.**

= *Stenus* (*Metastenus*) *audax* Sahlberg, 1900

Distribution: Finland, North of European Russia, Sweden.

Stenus (*Adamostenus*) *auriger* Eppelsheim, 1893 **comb. nov.**

= *Stenus* (*Metastenus*) *auriger* Eppelsheim, 1893

Distribution: East Siberia, Far East, China (Liaoning), Mongolia, North Korea.

Stenus (*Adamostenus*) *benefactor* Ryvkin, 1985 **comb. nov.**

= *Stenus* (*Metastenus*) *benefactor* Ryvkin, 1985

= *Stenus* *kanmiyai* Naomi, 1988

Distribution: Far East, Japan.

Stenus (*Adamostenus*) *bifoveolatus* Gyllenhal, 1827 **comb. nov.**

= *Stenus* (*Metastenus*) *bifoveolatus* Gyllenhal, 1827

= *Stenus* *nitidus* Stephens, 1833

= *Stenus* *phaeopus* Stephens, 1833

= *Stenus* *plancus* Erichson, 1840

Distribution: Europe, East Siberia.

Stenus (*Adamostenus*) *binaghii* Puthz, 1970 **comb. nov.**

= *Stenus* (*Metastenus*) *binaghii* Puthz, 1970

Distribution: Italy.

Stenus (Adamostenus) binotatus Liungh, 1804 **comb. nov.**

= *Stenus (Metastenus) binotatus* Liungh, 1804

= *Stenus carens* Rey, 1884

= *Stenus pilosulus* Stephens, 1833

Distribution: Europe, East and West Siberia, Kazakhstan, Syria, Turkey.

Stenus (Adamostenus) butrintensis Smetana, 1959 **comb. nov.**

= *Stenus (Metastenus) butrintensis* Smetana, 1959

Distribution: Europe, Turkey.

Stenus (Adamostenus) canescens Rosenhauer, 1856 **comb. nov.**

= *Stenus (Metastenus) canescens* Rosenhauer, 1856

= *Stenus major* Mulsant & Rey, 1861

Distribution: Europe, Algeria, Morocco, Tunisia.

Stenus (Adamostenus) claritarsis Puthz, 1971 **comb. nov.**

= *Stenus (Metastenus) claritarsis* Puthz, 1971

Distribution: Europe, Iran, Tadjikistan, Turkmenia, Turkey.

Stenus (Adamostenus) depressus Puthz, 1973 **comb. nov.**

= *Stenus (Metastenus) depressus* Puthz, 1973

Distribution: East Siberia, Far East, Japan, China (Sichuan), Taiwan.

Stenus (Adamostenus) flavipes flavipes Stephens, 1833 **comb. nov.**

= *Stenus (Metastenus) flavipes flavipes* Stephens, 1833

= *Stenus filum* Erichson, 1839

= *Stenus payeri* Krauss, 1899

Distribution: Europe, Algeria, Morocco, Tunisia.

Stenus (Adamostenus) flavipes dobberti Quedenfeldt, 1882 **comb. nov.**

= *Stenus (Metastenus) flavipes dobberti* Quedenfeldt, 1882

Distribution: Italy, Portugal, Spain, Morocco.

Stenus (Adamostenus) ganglbaueri Bernhauer, 1905 **comb. nov.**

= *Stenus (Metastenus) ganglbaueri* Bernhauer, 1905

= *Stenus syriacus* Bernhauer, 1912

Distribution: Europe, Iran, Israel, Lebanon, Syria, Turkmenia, Turkey.

Stenus (Adamostenus) israel Puthz, 1972 **comb. nov.**

= *Stenus (Metastenus) israel* Puthz, 1972

Distribution: Israel, Syria.

Stenus (Adamostenus) kryzhanovskii Puthz, 1977 **comb. nov.**

= *Stenus (Metastenus) kryzhanovskii* Puthz, 1977

Distribution: East Siberia, Nearctic Region.

Stenus (Adamostenus) languidus Erichson, 1840 **comb. nov.**

= *Stenus (Metastenus) languidus* Erichson, 1840

Distribution: Europe, Algeria, Morocco, Tunisia.

Stenus (Adamostenus) latitarsis Sharp, 1889 **comb. nov.**

= *Stenus (Metastenus) latitarsis* Sharp, 1889

Distribution: Japan.

Stenus (Adamostenus) leprieuri Cussac, 1851 **comb. nov.**

= *Stenus (Metastenus) leprieuri* Cussac, 1851

= *Stenus atlantis* Peyerimhoff, 1921

= *Stenus linkei* L. Benick, 1929

= *Stenus sculptus* Rey, 1884

Distribution: Europe, Morocco.

Stenus (Adamostenus) monachus Bernhauer, 1905 **comb. nov.**

= *Stenus (Metastenus) monachus* Bernhauer, 1905

= *Stenus beieri* Scheerpeltz, 1931

Distribution: Albania, Greece.

Stenus (Adamostenus) nitidiusculus nitidiusculus Stephens, 1833 **comb. nov.**

= *Stenus (Metastenus) nitidiusculus nitidiusculus* Stephens, 1833

= *Stenus juncorum* Stephens, 1833

= *Stenus obliquus* Heer, 1839

= *Stenus tempestivus* Erichson, 1839

Distribution: Europe.

Stenus (Adamostenus) nitidiusculus quadratipennis Bernhauer, 1915 **comb. nov.**

= *Stenus (Metastenus) nitidiusculus quadratipennis* Bernhauer, 1915

Distribution: France, Portugal, Spain.

Stenus (Adamostenus) niveus Fauvel, 1865 **comb. nov.**

= *Stenus (Metastenus) niveus* Fauvel, 1865

= *Stenus cavifrons* Mulsant & Rey, 1870

= *Stenus vista* Sanderson, 1946

Distribution: Europe, East Siberia, Far East, Nearctic Region.

Stenus (Adamostenus) pallitarsis pallitarsis Stephens, 1833 **comb. nov.**

= *Stenus (Metastenus) pallitarsis pallitarsis* Stephens, 1833

= *Stenus plantaris* Erichson, 1839

Distribution: Europe, Algeria, Morocco, Tunisia, East and West Siberia, Kirgizia, Turkey, Uzbekistan.

Stenus (Adamostenus) pallitarsis abanticola Puthz, 1972 **comb. nov.**

= *Stenus (Metastenus) pallitarsis abanticola* Puthz, 1972

Distribution: Armenia, South European Russia, Georgia, Turkey.

Stenus (Adamostenus) paludicola Kiesenwetter, 1858 **comb. nov.**

= *Stenus (Metastenus) paludicola* Kiesenwetter, 1858

Distribution: Europe, Israel, Turkey.

Stenus (Adamostenus) paracanescens Puthz, 1972 **comb. nov.**

= *Stenus (Metastenus) paracanescens* Puthz, 1972

Distribution: Georgia, Turkey.

Stenus (Adamostenus) picipennis Erichson, 1840 **comb. nov.**

= *Stenus (Metastenus) picipennis* Erichson, 1840

Distribution: Europe, Algeria, Morocco, Tunisia.

Stenus (Adamostenus) picipes picipes Stephens, 1833 **comb. nov.**

= *Stenus (Metastenus) picipes picipes* Stephens, 1833

= *Stenus rufimanus* Heer, 1841

= *Stenus rusticus* Erichson, 1840

= *Stenus spretus* Fairmaire & Laboulbene, 1856

= *Stenus testaceicornis* Perris, 1857

= *Stenus vulturinus* L. Benick, 1951

Distribution: Europe, Jordan, Lebanon, Syria, Turkey.

Stenus (Adamostenus) picipes brevipennis Thomson, 1851 **comb. nov.**

= *Stenus (Metastenus) picipes brevipennis* Thomson, 1851

= *Stenus brevicollis* Thomson, 1857

= *Stenus foveicollis* Kraatz, 1857

Distribution: Europe.

Stenus (Adamostenus) pubescens pubescens Stephens, 1833 **comb. nov.**

= *Stenus (Metastenus) pubescens pubescens* Stephens, 1833

= *Stenus laevior* Stephens, 1833

= *Stenus laevis* Stephens, 1833

= *Stenus subimpressus* Erichson, 1839

Distribution: Europe, East Siberia, Far East, Nearctic Region.

Stenus (Adamostenus) pubescens fraternus (Casey, 1884) **comb. nov.**

= *Stenus (Metastenus) pubescens fraternus* (Casey, 1884)

= *Stenus sandersonianus* Puthz, 1972

Distribution: East Siberia, Far East, Mongolia, Nearctic Region.

Stenus (Adamostenus) salinus Brisout de Barneville, 1863 **comb. nov.**

= *Stenus (Metastenus) salinus* Brisout de Barneville, 1863

= *Stenus subconvexus* Rey, 1884

Distribution: France, Italy, Portugal, Spain, Algeria, Morocco, Tunisia.

Stenus (Adamostenus) tardus Puthz, 1970 **comb. nov.**

= *Stenus (Metastenus) tardus* Puthz, 1970

Distribution: Italy, Spain.

Stenus (Adamostenus) transformis Puthz, 1977 **comb. nov.**

= *Stenus (Metastenus) transformis* Puthz, 1977

Distribution: France, Spain.

Stenus (Adamostenus) umbratilis (Casey, 1884) **comb. nov.**

= *Stenus (Metastenus) umbratilis* (Casey, 1884)

= *Stenus pseudopubescens* A. Strand, 1940

Distribution: Europe, East Siberia, Nearctic Region.

Stenus (Adamostenus) wuesthoffi Benick, 1941 **comb. nov.**

= *Stenus (Metastenus) wuesthoffi* Benick, 1941

Distribution: South European Russia, Ukraine, Kazakhstan, Uzbekistan, West Siberia.

LITERATURE CITED

Adam, L. 1987. Staphylinidae of the Kiskunsag National Park (Coleoptera). Nat. Hist. Natl. Parks Hungary 5: 126-128.

Fry, J. M. 1989. Natural enemy databank, 1987. A catalogue of natural enemies of arthropods derived from records in the CIBC Natural Enemy Databank. pp. 11 CAB International, Wallingford, Oxford, UK

Garrido Torres, A. M. & Nieves-Aldrey, J. L. 1999. Pteromalids from the Autonomus Community of Madrid (CAM) (Spain): faunistics and catalogue (Hymenoptera: Chalcidoidea: Pteromalidae). Graellsia 55: 67.

International Commission of Zoological Nomenclature. 1999. International Code of Zoological Nomenclature. Fourth Edition. The International Trust for Zoological Nomenclature, London.

Löbl, I. & Smetana, A. 2004. Catalogue of Palaearctic Coleoptera. Stenstrup: Apollo Books, 2: 942 pp.

Neuenschwander, P., Hennessey, R. D. & Herren, H. R. 1987. Food web of insects associated with the cassava mealybug, *Phenacoccus manihoti* Matile-Ferrero (Hemiptera: Pseudococcidae), and its introduced parasitoid, *Epidinocarsis lopezi* (De Santis) (Hymenoptera: Encyrtidae), in Africa. Bulletin of Entomological Research 77 (2): 189.

Noyes, J. S. 2003. Universal Chalcidoidea Database. World Wide Web electronic publication. www.nhm.ac.uk/entomology/chalcidoids/index.html [accessed 05-Sep-2003].

Puthz, V. 1999. Zwei neue afrikanische Arten der Gattung *Stenus* Latreille, 1796 und eine taxonomische Bemerkung (Col., Staphylinidae). 259. Beitrag zur Kenntnis der Steninen. Zeitschrift der Arbeitsgemeinschaft für Österreichische Entomologen 51 (1): 15-20.

Walker, F. 1834. Monographia Chalciditum. (Continued.) Entomological Magazine 2 (3): 286-309.