



## Type species designations of Afrotropical Ablaberini and Sericini genera (Coleoptera: Scarabaeidae: Melolonthinae)

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### Abstract

Type species are designated for 20 genus-group names of Afrotropical Melolonthinae. The following type species designations are made for the tribe Ablaberini: *Ablabera* Dejean, 1833 (*Melolontha splendida* Fabricius, 1781); *Diploptropis* Boheman, 1857 (*Diploptropis nigrina* Fåhræus, 1857); *Eucamenta* Péringuey, 1904 (*Camenta transvaalensis* Péringuey, 1904); *Hybocamenta* Brenske, 1898 (*Hybocamenta benitoana* Brenske, 1898); *Paracamenta* Péringuey, 1904 (*Camenta bohemani* Brenske, 1896); and *Tulbaghia* Péringuey, 1904 (*Tulbaghia lightfooti* Péringuey, 1904). The following type species designations are made for the tribe Sericini: *Allokotarsa* Péringuey, 1904 (*Allokotarsa clypeata* Péringuey, 1904); *Alogistotarsa* Péringuey, 1904 (*Alogistotarsa straminea* Péringuey, 1904); *Comaserica* Brenske, 1897 (*Omaloplia conspurcata* Blanchard, 1850); *Doleroserica* Péringuey, 1904 (*Doleroserica gentilis* Péringuey, 1904); *Euronycha* Péringuey, 1904 (*Euronycha rhodesiana* Péringuey, 1904); *Hyboserica* Péringuey, 1904 (*Triodonta caffra* Fåhræus, 1857); *Lamproserica* Brenske, 1897 (*Lamproserica mombasana* Brenske, 1901); *Loboserica* Kolbe, 1914 (*Loboserica gracilis* Kolbe, 1914); *Mesotrochalus* Kolbe, 1914 (*Mesotrochalus docilis* Kolbe, 1914); *Onychoserica* Moser, 1916 (*Onychoserica flabellata* Moser, 1916); *Phylloserica* Brenske, 1899 (*Pleophylla brenskei* Brancsik, 1892); *Pseudotrochalus* Quendenfeldt, 1884 (*Trochalus sulcipennis* Gerstäcker, 1867); *Stenoserica* Brenske, 1901 (*Stenoserica kolbei* Brenske, 1901); and *Tammoserica* Brenske, 1899 (*Omaloplia mutans* Blanchard, 1850). The following genus-group name was determined to be unavailable: "*Eotrochalus* Buregon, 1943" resulting in the following new combinations: *Trochalus kisantuensis* (Burgeon, 1943), *Trochalus motoensis* (Burgeon, 1943), and *Trochalus puncticeps* (Burgeon, 1943). Lectotypes are designated for the following species-group names: *Allokotarsa clypeata* Péringuey, 1904; *Alogistotarsa straminea* Péringuey, 1904; *Doleroserica gentilis* Péringuey, 1904; *Euronycha rhodesiana* Péringuey, 1904; *Lamproserica mombasana* Brenske, 1901; *Omaloplia conspurcata* Blanchard, 1850; *Omaloplia mutans* Blanchard, 1850; *Onychoserica flabellata* Moser, 1916; *Stenoserica kolbei* Brenske, 1901; and *Trochalus sulcipennis* Gerstäcker, 1867.

**Key words:** Afrotropical Region, scarab beetles, type species

### Introduction

The chafer beetle tribes Ablaberini and Sericini have often been placed in the subfamily Sericinae (e.g. Machatschke 1959, Baraud 1992, Ahrens 2006a) and are thought to be sister groups phylogenetically (Machatschke 1959, Ahrens 2006b). With more than 200 established genus-group names and about 3500 species described Ablaberini and Sericini belong to one of the more diverse groups of chafers. In contrast to the ecological and economic importance of these groups, their taxonomy and systematics are still poorly understood. The purpose of this paper is to advance the nomenclature and classification of Ablaberini and Sericini by designating type species for 20 Afrotropical genus-group names for which no type species have yet been fixed and, as far as practicable, by designating lectotypes for the type species. This will enhance significantly future studies on the taxonomy and phylogenetic relationships of these groups. Note that Afrotropical genera of Ablaberini and Sericini with type species that have already been validly fixed are not treated in this paper.