



East African giant millipedes of the tribe Pachybolini (Diplopoda, Spirobolida, Pachybolidae)

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Abstract

The East African species of the millipede tribe Pachybolini are revised. Three new genera are described: *Crurifarcimen* n. gen. (monotypic, type species: *C. vagans* n. sp., Tanzania), *Hyperbolus* n. gen. (type species: *H. apicomplexus* n. sp., Tanzania and Uganda; further species: *H. morogoroensis* Kraus, 1958, Tanzania, transferred from *Pachybolus*), *Parabolus* n. gen. (type species: *Trigoniulus dimorphus* Carl, 1909, Tanzania, transferred from *Pachybolus*, further species: *P. calceus* n. sp., Kenya). *Hadrobolus* Cook, 1897 and its only species, *H. crassicollis* (Peters, 1855), Mozambique, are redescribed. *Epibolus bravensis* (Silvestri, 1897) and *E. mossabicensis* Lawrence, 1967, are both synonymised under *E. pulchripes* (Gerstäcker, 1873), Somalia to Mozambique, rendering *Epibolus* Cook, 1897, monotypic. *Pachybolus* Cook, 1897, is restricted to its poorly known type species, *P. tectus* Cook, 1897, Zanzibar. A cladistic analysis of Pachybolini (W Africa, E Africa, Madagascar) does not support monophyly of the East African genera, but does support a clade consisting of *Crurifarcimen*+*Hyperbolus*+*Parabolus*, as well as monophyly of the two latter genera.

Key words: New genera, new species, *Crurifarcimen*, *Hyperbolus*, *Parabolus*, *Pachybolus*, *Hadrobolus*, *Epibolus*, Tanzania, Kenya, Uganda, Eastern Arc Mountains