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A review of the genus *Dudaia* Hedicke, 1923 (Diptera, Sphaeroceridae)

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Abstract

Species of the Afrotropical genus *Dudaia* Hedicke, 1923 of the subfamily Copromyzinae are revised. The status of *Afroboborus* Curran, 1931 as a junior synonym of *Dudaia* is corroborated. Twelve species have been described hitherto, two of them are proposed here to be junior synonyms: *Copromyza* (*Dudaia*) *simulatilis* Richards, 1980, and the name it replaced, *Borborus* (*Dudaia*) *similis* Vanschuytbroeck, 1948, are junior synonyms of *Copromyza* (*Gymnometopina*) *jeanneli* Richards, 1938; and *Borborus* (*Dudaia*) *uelensis* Vanschuytbroeck, 1959 is a junior synonym of *Dudaia straeleni* (Vanschuytbroeck, 1948). Ten species new to science are described: *Dudaia abdita* **sp. nov.** (Kenya), *Dudaia aethiopica* **sp. nov.** (Ethiopia), *Dudaia albimana* **sp. nov.** (Madagascar), *Dudaia brevis* **sp. nov.** (Madagascar), *Dudaia communis* **sp. nov.** (Democratic Republic of Congo, Republic of Congo, Ghana, Nigeria, and Tanzania), *Dudaia malagasiensis* **sp. nov.** (Madagascar), *Dudaia microtuberculata* **sp. nov.** (South Africa), *Dudaia pseudohumeralis* **sp. nov.** (Democratic Republic of Congo), *Dudaia spangleri* **sp. nov.** (Kenya), and *Dudaia steineri* **sp. nov.** (Madagascar).

Key words: Copromyzinae, new species, species revision, Afrotropical Region

Introduction

In the course of preparation by the senior author of the manuscript for the Sphaeroceridae chapter for the forthcoming Manual of Afrotropical Diptera, the need for revision of the genus *Dudaia* became apparent. It is the only Afrotropical genus of the subfamily Copromyzinae that had not formerly been revised partly (e.g., *Norrbomia*, Papp 1988) or completely (e.g., *Gymnometopina*, Norrbom & Kim 1987). For bibliographic data see Roháček *et al.* (2001) and Marshall *et al.* (2011). The work on this revision was begun in the first years of the nineteen-eighties by the junior author. All his notes, descriptions and pencil figures were used in the course of this revision.