

Revisional study on African *Apophyllia* (Coleoptera: Chrysomelidae: Galerucinae). Part 4.

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Abstract. This study of African *Apophyllia* Thomson, 1858 revises the species related to *A. nobilitata* Gerstaecker, 1871 and *A. vernallis* (Allard, 1889). *Apophyllia cervenkai* sp. nov. (from Ethiopia, Oman and Yemen), *A. neavei* sp. nov. (from Malawi and South Africa), *A. oborili* sp. nov. (from Malawi), *A. snizeki* sp. nov. (from Kenya), *A. mila* sp. nov. (from Tanzania) and *A. kaffa* sp. nov. (from Ethiopia) are described. The lectotype is designated for *Apophyllia mauritanica* Pic, 1944. The following new synonym is proposed: *A. vernallis* (Allard, 1889) = *A. mauritanica* Pic, 1944, syn. nov. Male genitalia of all species are illustrated.

Key words. Taxonomy, new species, lectotype designation, synonymy, Coleoptera, Chrysomelidae, Galerucinae, *Apophyllia*, Afrotropical Region.

Introduction

The genus *Apophyllia* Thomson, 1858, is distributed in the Afrotropical, Oriental and eastern Palaearctic regions. In my previous papers I have revised the Asian (BEZDĚK 2003a,b,c,d, 2004a) as well as some African species (BEZDĚK 2004b, 2005a,b).

This revisional study of African *Apophyllia* deals with species closely related to *A. nobilitata* Gerstaecker, 1871 and *A. vernallis* (Allard, 1889). All species presented in this study are externally very similar and represent a group of closely related taxa. However, the examination of aedeagi resulted in a clear separation of eight species, six of which are new to science and described below. The lectotype is designated for *Apophyllia mauritanica* Pic, 1944 and this species is synonymized with *A. vernallis*.

Materials and methods

All morphological measurements were made with an ocular grid of the MBS-10 binocular microscope at 16x magnification for the body length and 32x magnification for the remaining measurements.