

A new *Attagenus* species from Kenya (Coleoptera: Dermestidae: Attageninae)

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Abstract. The species *Attagenus kibwezianus* sp. nov. from Kenya is described, illustrated and compared with similar species. New species differs in the colour, body shape, structure of antennae and male genitalia.

INTRODUCTION

The family Dermestidae currently consists of 62 genera, containing ca. 1500 species worldwide (Háva 2015). The genus *Attagenus* Latreille, 1802 is one of the most numerous genera within the Dermestidae family and currently includes more than 200 species, most of them being found in Palaearctic, Ethiopian or Nearctic Regions (Háva 2015). The genus includes the species defined by the following combination of features: first segment of hind tarsi almost half as long as the second, free mouthparts, three-jointed antennal club and lack of distinct antennal cavity on the hypomeron. The most characteristic feature of the larvae is an extremely long caudal brush and elongate, cylindrical, strongly sclerotized body (Peacock 1993; Kadej & Háva 2014). The genus *Attagenus* is currently split into two subgenera *Aethriostoma* Motschulsky, 1858 (with six known species), and *Attagenus* s. str. (with nearly 200 species). Since 2005, few new species of *Attagenus* have been described from the Afrotropical Region (Háva 2005, 2016a,b; Kalík & Háva 2005; Kadej 2006; Herrmann & Háva 2007; Háva 2008; Háva & Kadej 2008; Herrmann & Háva 2014, Herrmann, Kadej & Háva 2015, 2017). The present article describes a new species collected in Kenya and belonging to the nominotypical subgenus *Attagenus* (s. str.).

MATERIAL AND METHODS

All photos were made with the Olympus SZX16 camera.

The following measurements were made:

Total length (TL) - linear distance from anterior margin of pronotum to apex of elytra.

Elytral width (EW) - maximum linear transverse distance.

Abbreviation of the holotype deposit: JHAC - Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Praha-západ, Czech Republic.

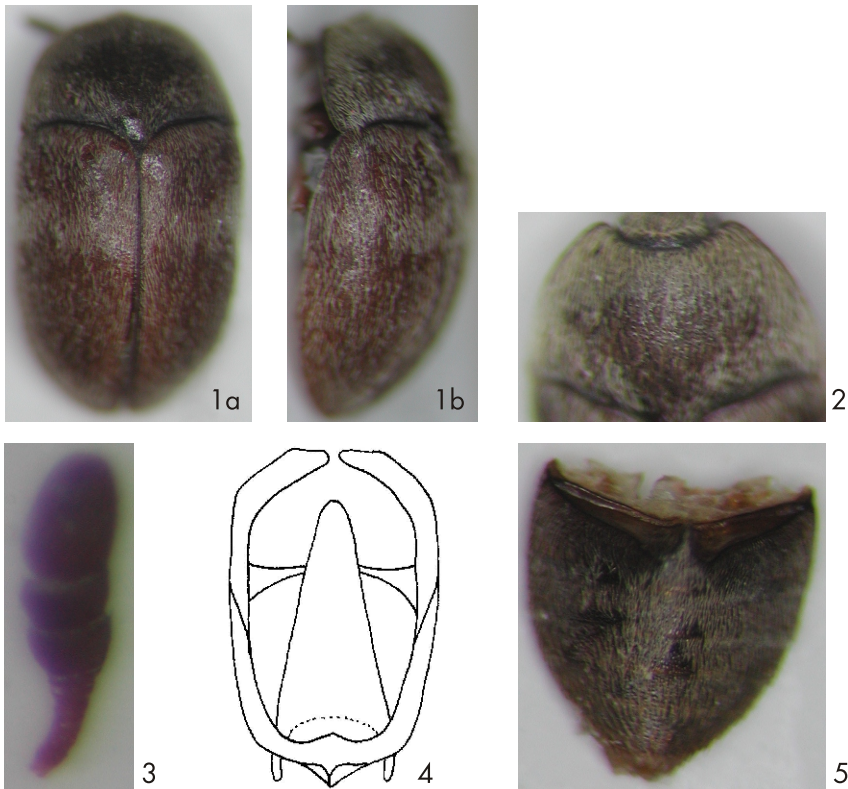
RESULTS

***Attagenus kibwezianus* sp. nov.**

(Figs. 1-5)

Type material. Holotype (♂): „Kenya, Kibwezi, 23.v.1980, D. Furth [leg.]”, (JHAC). The type specimen is provided with a red printed label: “HOLOTYPE *Attagenus kibwezianus* sp. nov. Jiří Háva det. 2017”.

Description. Male. Body measurements (in mm): TL 3.1 mm, EW 1.8 mm; oblong-oval (Fig. 1), slightly convex; dorsally and ventrally unicolorously brown, matt; dorsum covered with short and erect, brown and grey setation; thoracic underside with comparatively long and recumbent, grey setation; visible abdominal ventrites with recumbent, grey setation, sparser than that on thoracic surface. Head finely punctured. Palpi brown. Frontal median ocellus present. Antennae brown, with short, yellow setation, consisting of 11 antennomeres, antennal club compact, with 3 antennomeres (Fig. 3). Pronotum (Fig. 2) finely punctate on the disc, coarsely punctate on lateral margins, covered by grey and brown setation; brown setation discally forming large spot. Hypomeron matt with very small punctures. Scutellum narrow, small and triangular, matt, with rounded apex, without setation. Elytra coarsely punctate on humeri and with a small humeral bump, other parts finely punctate, covered by intermixed grey and brown setation with two transverse fasciae of grey setation (one near pronotum and one medially) (Fig. 1). Epipleuron brown, very short, with short grey setae. Prosternum without "collar", mouthparts free. Prosternal process very short and narrow. Meta- and mesosternum finely punctate discally, laterally coarsely punctate, with grey, recumbent setation. Abdomen (Fig. 5) brown, with five visible abdominal ventrites, each ventrite laterally with small depressions, covered by recumbent, grey setation. Legs dark brown, covered with comparatively short and thick, grey setation and with short, brown thorns. Tarsi moderately short. Male genitalia as in (Fig. 4).



Figs. 1-5. *Attagenus kibwezianus* sp. nov.: 1a- habitus, dorsal aspect; 1b- habitus, lateral aspect; 2- pronotum; 3- antennal club of male; 4- male genitalia; 5- abdomen.

Female. Unknown.

Differential diagnosis. The new species is similar to *Attagenus conradsi* Pic, 1951 and *A. samei* Háva, 2016a, but differs from them by the following characters:

Attagenus conradsi Pic, 1951: cuticle dark brownish-black; pronotum and elytra covered by yellow and black setation; anterior elytral fascia divided into spots; antennae brown with dark three-antennomered antennal club.

Attagenus samei Háva, 2016a: cuticle brown; pronotum covered by grey setation; elytral fascia reaches to suture and is not divided into spots; antennae brown except terminal dark antennomere.

Attagenus kibwezi sp. nov.: cuticle brown; pronotum covered by grey and brown setation (brown setation forming discal spot); median transverse fascia reaches to suture; antennae uniformly brown.

Etymology. Toponymic, named after the type locality, Kibwezi (Kenya).

Distribution. Kenya.

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