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Description of a new *Attagenus* species from Afrotropical region (Coleoptera: Dermestidae)

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Abstract. *Attagenus havai* sp. n. from Angola is described, illustrated and compared.

INTRODUCTION

The dermestid genus *Attagenus* Latreille, 1802 comprises about 195 species and subspecies (Háva 2003, 2005). Over half of known species have been recorded in Afrotropical region (Háva, 2003, 2005; Mroczkowski, 1968). In material studied recently, the present author has found specimens representing a new species, whose description is given below.

MATERIAL AND METHODS

Explanation of abbreviations:

JHAC	Jiří HÁVA, Private Entomological Laboratory and Collection, Prague, Czech Republic;
MK	Marcin KADEJ collection (Institiut of Zoology, University of Wroclaw);
NMNW	National Museum of Namibia, Windhoek, Namibia.

AFL	antennal fossa length (measured along the antennal fossa).
BL	body length (measured from the head anterior margin to the apex of the elytra).
BW	body width (measured between two anterolateral humeral calli).
LMP	length of lateral margin of pronotum (measured as a distance between inferior part of pronotum and exterior angle).
PL	pronotum length (measured from the top of the anterior margin to scutellum).
PW	pronotum width (measured between the two posterior angles of pronotum).
SL	sternites length (measured from the anterior margin to the apex of posterior margin).
SW	sternites width (measured between two lateral margins in the anterior part of sternites).

All measurements are given in millimeters. The morphological structures (antenna, wing, leg, genitalia, galea and lacinia, pygidium, eighth sternit, ninth abdominal sternite, ninth abdominal

tergite) were observed under phase contrast microscope Nikon Eclipse E 600 with a drawing attachment in transparent light in glycerin. All morphological structures were put into plastic micro vials with glycerin under proper specimens. Photos were taken with the camera Nikon Coolpix 4500.

All type specimens were labelled with red, printed labels bearing the text as follows: "HOLOTYPE [or ALLOTYPE or PARATYPE, respectivelly] *Attagenus havai* sp. n. det. M. Kadej, 2005".

DESCRIPTION

Attagenus havai sp. n.

(Figs 1-11)

Type material. Holotype (♂): [Angola], Kunene [Cunene riv.] R. M. SE 1711 Bd, 21 Oct. 1978, S. Louw, M-L. Penrith. Allotype and 3 paratypes: the same data as holotype; 2 paratypes: Angola, Lagoa da Carvalhao, E. at 15º46'S, 12º01E, 23-25 Nov. 1974. Holotype, allotype and 3 paratypes deposited in NMNW, 1 paratype in MK, 1 paratype in JHAC.

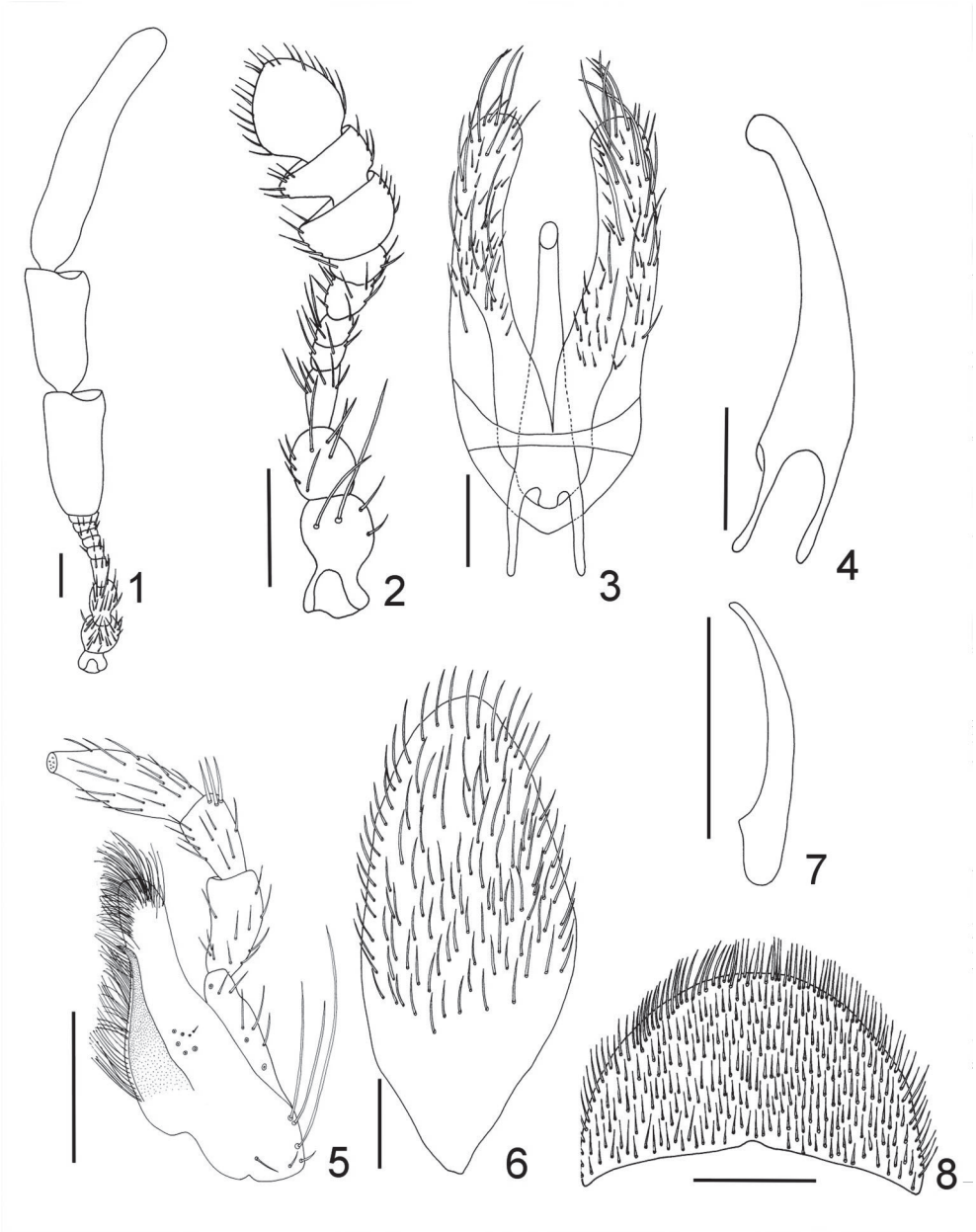
Description. Body convex, elongated, covered with brown pubescence (BL: 2.75-3.35; BW: 1.35-1.4) (Fig. 9). Head with big convex eyes. Frons with gentle punctuation, covered with dark pubescence. Maxilla with galea and lacinia separate but overlaping (Fig. 5). Both with numerous setae on the top and interior lateral margin. Maxillary palp 4- segmented, covered with numerous setae. Antenna of both sexes brown, antennal club 3-segmented. Male antenna 11- segmented (Fig. 1) and antennal club is about ¾ of the total length of antennae. The remaining segments of antenna narrow and oblate. Pronotum (PL: 0.55-0.6; PW: 1.1-1.3) and elytra dark-brown, gently but densely punctate, covered with black pubescence which might seem to be grey in transparent light. Each elytron with one orange transverse band. Abdominal sternite (SL: 2.0; SW: 1.25) dark brown, almost black, gently but densely punctate, covered with black pubescence which might seem to be grey in transparenting light (Fig. 11). Legs covered with brown pubescence on the dorsum. Trochanter and femora with black-brown coloration, tibia and tarsus light-brown. Tarsus with two narrow tarsal-claws, slightly curved (Fig. 7). Male genitalia as in Fig. 3. Parameres broad, with numerous setae (Fig. 3). Aedeagus V-shaped, median lobe with the apex rounded, slightly curved (Figs 3-4). Ninth abdominal sternite oval, with numerous setae on the almost whole surface (Fig. 6). Sixth abdominal tergite (Fig. 8).

Female similar to male, but differs from it by the form of antennae, last segment oval, covered with ligth-brown pubescence (Fig. 2).

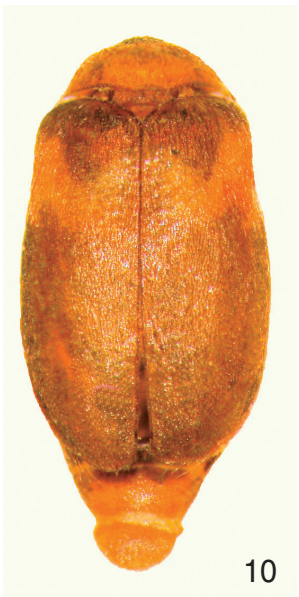
Differential diagnosis. *Attagenus havai* sp. n. according to body form similar to *A. holmi* Kalík & Háva, 2005, but differs from it by the following characters:

A. havai sp. n.: each elytron with one orange-red transverse fasciae in anterion part, male antennal segments 9, 10 are long and broad, median lobe of aedeagus with the apex rounded, slightly curved (Angola).

A. holmi Kalík & Háva, 2005: each elytron with three transverse yellowish-red fasciae or spots; male antennal segments 9, 10 are short and broad; median lobe of aedeagus very broad with tip (South Africa).



Figs 1-8. *Attagenus havai* n. sp.: 1- male antenna; 2- female antenna; 3- male genitalia; 4- aedeagus (dorsolateral view); 5- galea, lacinia and maxillary palp of male; 6- 9th abdominal sternite; 7- tarsal claws; 8- sixth abdominal tergite.



Figs 9-11. *Attagenus havai* n. sp.: 9- habitus dorsal view of male (holotype); 10- habitus dorsal view of female (allotype); 11- abdominal sternites.

Distribution. Angola.

Name derivation. The species name is dedicated to the specialist in Dermestidae (Coleoptera), my friend - Jíři Háva (Prague, Czech Republic).

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