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

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Keywords:

Coleoptera; taxonomy;
Dermestidae; new species;
Attageninae; description;
Attagenus; Ivory Coast.

Abstract. – The species *Attagenus* (*Attagenus*) *matsumotoi* sp. nov. from Ivory Coast is described, illustrated and compared with similar species.

Háva J., 2022. – A new *Attagenus* species (Coleoptera: Dermestidae: Attageninae) from Ivory Coast. *Faunitaxys*, 10(25): 1 – 3.

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Introduction

The genus *Attagenus* Latreille, 1802 is one of the most numerous genera within the Dermestidae family and it currently includes more than 251 species, most of them found in Palaearctic, Oriental, Ethiopian or Nearctic Regions (Háva 2015, 2022). The genus *Attagenus* is currently split into three subgenera: *Aethriostoma* Motschulsky, 1858, *Telopes* Redtenbacher in Russegger, 1843 and *Attagenus* s. str. Since 2015, few new species of *Attagenus* have been described from the Afrotropical Region (Háva 2016a,b, 2017a,b, 2020; Herrmann & Háva 2016, 2020a,b; Herrmann, Háva & Kadej 2016, 2017; Herrmann, Kadej & Háva 2015). The present article deals with a new species collected in Ivory Coast.

Material and methods

- All photos were made with a camera Olympus SZX16.

- The following measurements were made:

TL total length: linear distance from anterior margin of pronotum to apex of elytra.

EW elytral width: maximum linear transverse distance.

- Type material is deposited in:

BMNH: Natural History Museum (formerly British Museum, Natural History), London, United Kingdom;

JHAC: Jiří Háva, Private Entomological Laboratory and Collection, Prague-west, Czech Republic.

- Type specimens were provided with red labels:

« HOLOTYPE [or PARATYPE] *Attagenus* (*Attagenus*) *matsumotoi* sp. nov. Jiří Háva det. 2022 ».

Taxonomy

Attagenus (*Attagenus*) *matsumotoi* sp. nov.

(Fig. 1, 5, 7, 9)

ZooBank: <http://zoobank.org/C4633800-788C-4599-98ED-9DFBA14BB7D1>

Holotype, ♂: Ivory Coast, Mt Sangbe NP, 08°08'26.5"N, 07°21'17.5"W, 10-13.xi.15, 444 m / On Flower, Aristophanous M., Moretto P., Ruzzier E. lgt, BMNH(E) 2015-177 / NHMUK 013796029, (BMNH).

Paratypes: 3 ♂: same data as holotype but NHMUK 013796030-NHMUK 013796032, (2 BMNH, 1 JHAC).

Description of the holotype.

Measurements (mm). – TL 2.6 mm, EW 1.3 mm.

Body (Fig. 1). – Elongated and oval, slightly convex; dorsally and ventrally unicolorous dark brown, shiny; dorsum covered with long and erect, brown and golden setation; thoracic underside with comparatively long and recumbent, yellow setation and black; visible abdominal ventrites with recumbent, yellow setation, sparser than that on thoracic surface.

Head. – Finely punctate. – **Palpi** dark brown. Frontal median ocellus present. – **Antennae** brown (antennomeres VIII-XI dark brown) with long, yellow setation, composed of 11 antennomeres, antennal club compact with 3 antennomeres, terminal antennomere longly triangular (Fig. 5).

Pronotum. – Finely punctate on the disc, coarsely punctate on lateral margins; covered by yellow setation (Fig 7). – **Hypomeron** matt, coarsely punctate.

Scutellum. – Small and triangular, shining, with rounded apex, without setation.

Elytra. – Coarsely punctate on humeri and with one small humeral bump, other parts finely punctate; anterior part with yellow setation other parts covered by intermixed brown and yellow setation.

Ventral surface. – **Epipleuron** dark brown, short, coarsely punctate with short yellow setae. – **Prosternum** without “collar”, mouthparts free. Prosternal process long and narrow. – **Meta-mesosternum** coarsely punctate discally and laterally, with yellow, recumbent setation. – **Abdomen** brown, with five visible abdominal ventrites, each ventrite laterally with small depressions, covered by recumbent, yellow setation.

Pygidium. – Brown with short yellow setae.

Legs. – Brown, covered with comparatively short and thick, yellow setation. Tarsi moderately long.

Aedeagus. – As in Fig. 9.

Reviewer :

Andreas Herrmann (*Stade Deutschland, Germany*)

Homepage: www.Dermestidae.com

ZooBank: <http://zoobank.org/AD5F7951-8404-4434-9418-EDA2FC21244D>



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Differential diagnosis. – The new species is visually similar to species *Attagenus: balakaensis* Háva, 2016, *lategriseus* Kalík, 1955 and *africanus* Mroczkowski, 1958, but differs from them by the following characters:

1. Setation on pronotum type A (Fig. 6)	2
— Setation on pronotum type B (Fig. 7)	3
2. Antenna (Fig. 3); prosternal process short and broad (<i>Malawi</i>)	<i>A. balakaensis</i> Háva, 2016
— Antenna (Fig. 2); prosternal process long and broad (<i>Congo, Ethiopia, Nigeria</i>)	<i>A. africanus</i> Mroczkowski, 1958
3. Antenna (Fig. 4); aedeagus (Fig. 8), tip of median lobe (Fig. 8); apical part of each elytron only with black setation (<i>Burundi; Congo; Rwanda; Uganda</i>)	<i>A. lategriseus</i> Kalík, 1955
— Antenna (Fig. 5); aedeagus (Fig. 9), tip of median lobe (Fig. 9); apical part of each elytron with intermixed golden and black setation (<i>Ivory Coast</i>)	<i>A. matsumotoi</i> sp. nov.

Etymology. – The epithet is a patronym honouring of my friend and colleague Keita Matsumoto (BMNH).

Female. – Unknown.

Variability. – Body: TL 2.6-2.8 mm, EW 1.3-1.6 mm.

Acknowledgements

I am indebted very much to Miloslav Rakovič (Prague, Czech Republic) for English revision of the manuscript. The paper was supported by the Ministry of Agriculture of the Czech Republic, institutional support MZE-RO0118.

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Résumé

Háva J., 2022. – Une nouvelle espèce du genre *Attagenus* (Coleoptera: Dermestidae: Attageninae) décrite de Côte d'Ivoire. *Faunitaxys*, 10(25) : 1 – 3. *Attagenus (Attagenus) matsumotoi* sp. nov. est décrite de la Côte d'Ivoire. Elle est illustrée et comparée avec les espèces les plus proches.

Mots-clés. – Coleoptera, Dermestidae, Attageninae, *Attagenus*, taxinomie, nouvelle espèce, description, Côte d'Ivoire.



Ivory Coast, Mt Sangbe NP.

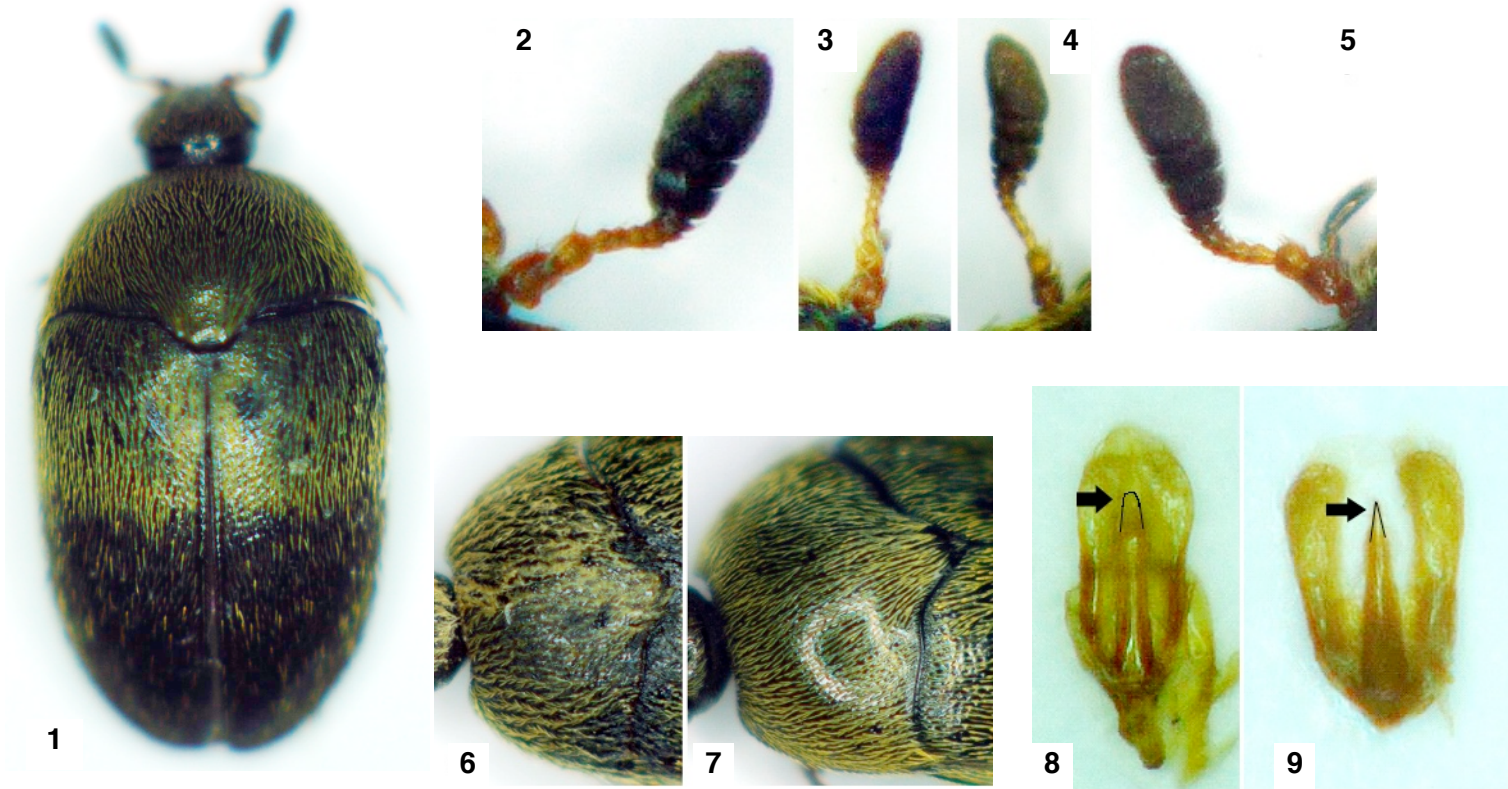
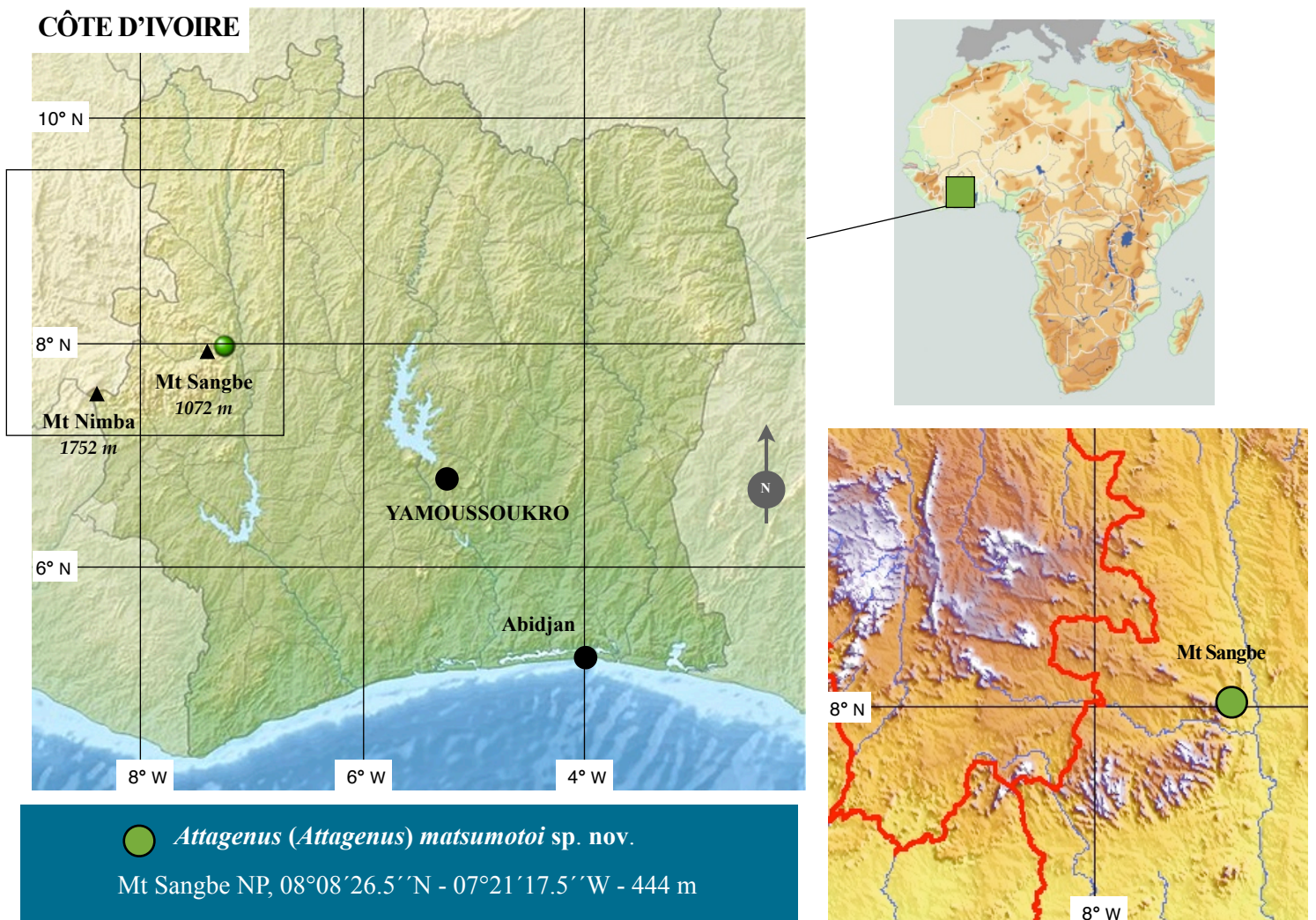


Fig. 1. *Attagenus (A.) matsumotoi* sp. nov., habitus, dorsal aspect.

Fig. 2-5. Antennae. 2. *A. africanus* Mroczkowski. 3. *A. balakensis* Háva. 4. *A. lategriseus* Kalík. 5. *A. matsumotoi* sp. nov.

Fig. 6-7. Setation on pronotum. 6. Type A. 7. Type B.

Fig. 8-9. Male genitalia. 8. *A. lategriseus* Kalík. 9. *A. matsumotoi* sp. nov.



Faunitaxys

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SOMMAIRE

Une nouvelle espèce du genre *Attagenus* décrite de Côte d'Ivoire (Coleoptera: Dermestidae: Attageninae).

Jiří Háva 1 – 3

CONTENTS

A new *Attagenus* species (Coleoptera: Dermestidae: Attageninae) from Ivory Coast.

Jiří Háva 1 – 3

Illustration de la couverture : *Colobus polykomos* (Zimmermann, 1780). The King Colobus, also known as the Western Black-and-white Colobus, is a species of Old World monkey, found in lowland and mountain rain forests in a region stretching between Gambia and Côte d'Ivoire within Africa. It eats mainly leaves, but also fruits and flowers. Though it is arboreal, it eats primarily on the ground. It lives in small groups consisting of 3 to 4 females and 1 to 3 males, plus their young.

Crédits photos:

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Marie Hale (CC - Creative Commons Attribution License): couverture

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