

**Assignment of *Attagenus admirabilis* Háva, 2015  
to a new genus *Chilattagenus* gen. nov.  
(Coleoptera: Dermestidae: Attageninae)**

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**Taxonomy, new genus, new combination, Coleoptera, Dermestidae, *Chilattagenus*, Chile**

**Abstract.** A new genus of Attageninae from Chile - *Chilattagenus* gen. nov. with the species *Chilattagenus admirabilis* (Háva, 2015) comb. nov. is described, illustrated and compared with a very similar genus *Attagenus* Latreille, 1802.

## INTRODUCTION

The family Dermestidae (Coleoptera) recently contains about 1700 species and subspecies worldwide; the subfamily Attageninae currently comprises 5 tribes with 11 genera (Háva 2020). The one species from Chile considered here was described by Háva (2015) as *Attagenus admirabilis* Háva, 2015. According to the original description, the species is very different from all other known *Attagenus* Latreille, 1802 species. In the present work, the species is newly transferred to a new genus *Chilattagenus* gen. nov. as *Chilattagenus admirabilis* (Háva, 2015) comb. nov.

## MATERIAL AND MRETHODS

All photos were made with a camera Olympus SZX16.

The following abbreviations were used:

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

EW (elytral width) - maximum linear transverse distance.

The type material deposited in (JHAC) - Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic.

## RESULTS

### *Chilattagenus* gen. nov.

**Type species:** *Attagenus admirabilis* Háva, 2015.

**Description.** See the species description.

**Diagnosis.** The new genus is very similar to *Attagenus* Latreille, 1802 but differs from it by the following characters:

*Chilattagenus* Body very slightly convex, shiny; antennal club with very long setation; hypomeron very shiny, smooth and without punctures; terminal palpomere very short; male genitalia: median lobe and parameres very long and narrow (Fig. 5).

*Attagenus* Body convex, not too shiny or matt; antennal club with short setation; hypomeron matt with punctures; terminal palpomere long; male genitalia: median lobe and parameres broad (Fig. 6).

**Etymology.** A name combined from the country name Chile (*Chil-*) and generic name *Attagenus*. Masculine gender.

**Distribution.** Chile.

### *Chilattagenus admirabilis* (Háva, 2015) comb. nov.

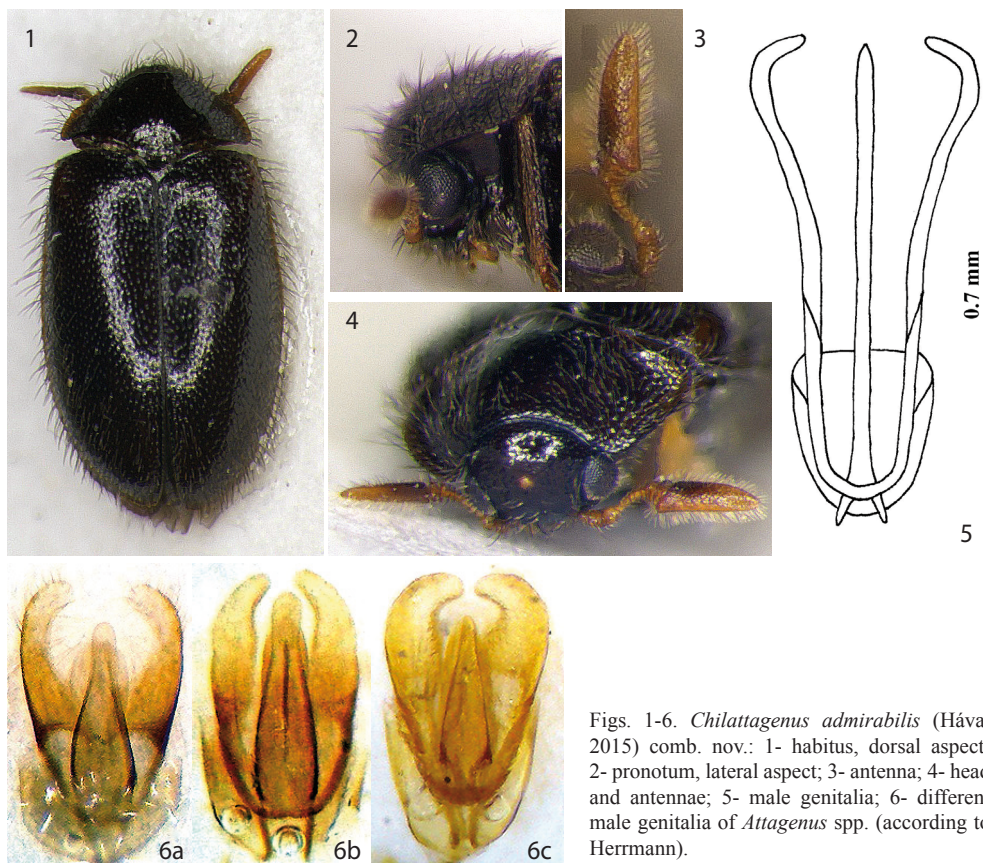
(Figs. 1-5)

**Type material.** Holotype (♂): Chile, Melipilla Curacavi, Lingues de Miraflores, Metropolitana de Santiago reg., 8.9.2001, (JHAC).

**Original description.** Male: Body: TL 2.8 mm, EW 1.5 mm; elongated and oval (Fig. 1), very slightly convex; dorsally and ventrally unicolorous dark brown, shiny; dorsum covered with dark, long and erect, brown setation; thoracic underside with comparatively long and recumbent, brown setation; visible abdominal ventrites with recumbent, yellow setation, sparser than that on thoracic surface. Head finely punctate. Palpomeres brown, very short. Frontal median ocellus present. Antennae brown with very long, white setation, composed of 11 antennomeres, antennal club compact, with 3 antennomeres (Figs. 3-4). Pronotum finely punctate on the disc, coarsely punctate on lateral margins. Hypomeron very shiny without punctures (Fig. 2). Scutellum small and triangular, shiny, with rounded apex, without setation. Elytra coarsely punctate on humeri and with one small humeral bump, other parts finely punctate. Epipleuron brown, very short, with short brown setae. Prosternum without “collar”, mouthparts free. Prosternal process very short and narrow. Meso- and metasternum finely punctate on disc, coarsely punctate laterally, with yellow, recumbent setation. Abdomen brown, with five visible abdominal ventrites, each ventrite laterally with small depressions, covered by

recumbent, yellow setation. Legs brown, covered with comparatively short and thick, yellow setation. Tarsi moderately long. Aedeagus 0.7 mm long, difficult to see (parameres very long and very narrow, with slightly curved tips, median lobe very narrow) (Fig. 5).

Female: Unknown.



Figs. 1-6. *Chilattagenus admirabilis* (Háva, 2015) comb. nov.: 1- habitus, dorsal aspect; 2- pronotum, lateral aspect; 3- antenna; 4- head and antennae; 5- male genitalia; 6- different male genitalia of *Attagenus* spp. (according to Herrmann).

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## REFERENCES

- HÁVA J. 2015: A new species from Chile, *Attagenus* (s. str.) *admirabilis* sp. nov. (Coleoptera: Dermestidae: Attageninae), with a key to *Attagenus* (s. str.) species from the Neotropical and Andean Regions. *Archivos Entomolóxicos* 14: 173-175.
- HÁVA J. 2020: *Dermestidae World (Coleoptera)*. - World Wide Web electronic publication (open in 2004): <http://www.dermestidae.wz.cz> (version 2018, update January 2020)

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