

A new species of the genus *Xyletinus* (s. str.) from the Canary Islands (Coleoptera: Bostrichoidea: Ptinidae)

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Abstract. *Xyletinus* (s. str.) *hawai* sp. nov. from the Canary Islands (Gran Canaria I.) is described, illustrated and compared with similar species from the Canary Islands and adjacent countries.

INTRODUCTION

The genus *Xyletinus* Latreille, 1809 consists of six subgenera (Zahradník & Háva 2014). Only two species from subgenus *Calypterus* Mulsant et Godart, 1859 occur on the Canary Islands: *Xyletinus* (*Calypterus*) *fimicola* (Wollaston, 1861) and *X. (C.) wollastoni* (Gottwald, 1977) (Zahradník 2007). Other species live in North Africa (Morocco) and Iberian Peninsula. They are *X. (Calypterus) bucephalus* (Illiger, 1807), *X. (Evaniocerus) semilimbatus* Pic, 1899, *X. (Pseudocalypterus) pectiniferus* Fairmaire, 1879, *X. (Xeronthobius) lecerfi* Kocher, 1956, *X. (Xyletinus) ater* (Creutzer in Panzer, 1796), *X. (X.) formosus* Mannerheim, 1849, *X. (X.) laticollis* (Duftschmid, 1825), *X. (X.) muehle* Gottwald, 1983, *X. (X.) ruficollis* (Gebler, 1833), *X. (X.) subrotundatus* Lareynie, 1852, *X. (Xyletomimus) leprieuri* Chobaut, 1894 and *X. (X.) sanguineocinctus* Fairmaire, 1859 (Español 1992; Gottwald 1977, 1983; Kocher 1956; Zahradník 2007). *X. (X.) hawai* sp. nov. is the first species from the nominotypical subgenus found in the Canary Islands.

MATERIAL AND METHODS

I studied all original descriptions of the Canary Island, Morocco and Iberian Peninsula species (Chobaut 1894; Creutzer 1796; Duftschmid 1825; Fairmaire 1859, 1879; Gebler 1833; Gottwald 1977, 1983; Illiger 1807; Kocher 1956; Lareynie 1852; Mannerheim 1849; Pic 1899; Wollaston 1861) and most identified beetles from different collections living in the Canary Islands and neighbouring countries (Morocco, Spain, Portugal).

The habitus photograph was made by a digital camera using Olympus DP 72 on stereobinocular microscope Olympus SZX 16 using the programme Quick Photo Camera 2.3 and Deep Focus 3.0 for the modification of pictures.

The new described species is provided with a red, printed label showing the following words: "Holotype"; on the second white, printed label, there is the text: "*Xyletinus (Xyletinus) / hawai* sp. n. / P. Zahradník det.". Holotype is deposited in author's collection.

RESULTS

***Xyletinus* (s. str.) *hawai* sp. nov.**

(Figs. 1-2)

Type material. Holotype (♀): (E) CANARY IS./Gran Canaria south/12.-18.9. 2005/San Augustin env./Playa del Ingles/Jiří Háva sen. lgt.

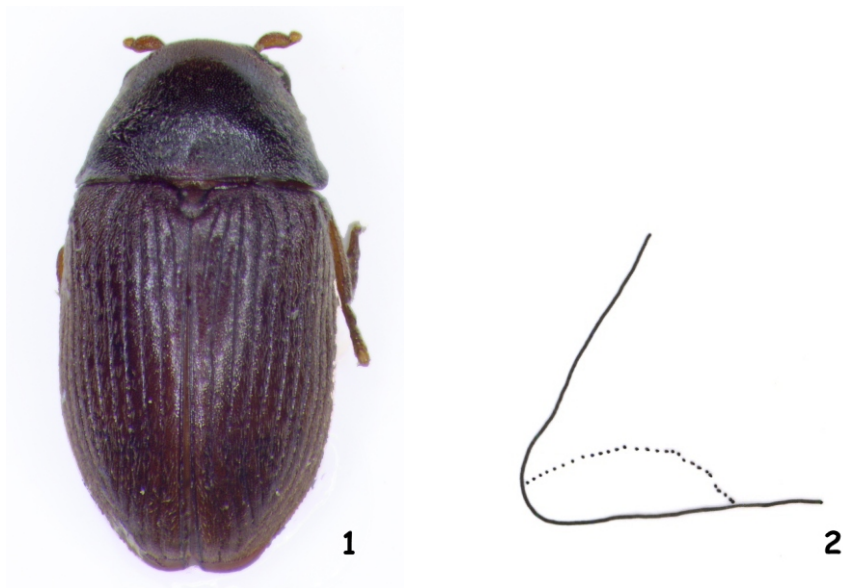


Fig. 1. *Xyletinus* (*Xyletinus*) *havai* sp. nov. – habitus.

Fig. 2. *Xyletinus* (*Xyletinus*) *havai* sp. nov. – left posterior angle of pronotum with transversal impression (schematic).

Description. Female (holotype). Shortly elongate, transversally and longitudinally convex, body length 2.7 mm, the greatest width 1.5 mm (Fig. 1). Ratio elytra length : elytra width of 1.3. Dark brown, pronotum and elytra slightly darker. Head piceous black. Torso of antennae and legs rusty, palpi dark brown. Pubescence silvered.

Head almost flattened. Frons slightly deepened, vertex with slight distinct longitudinal blunt keel in middle. Surface of head shining matt, with two types of punctuation - the first very dense, fine, punctures almost touched, the second sparse, coarse, distance between these punctures equals to their diameter. Pubescence almost missing. Sharp narrow edge going slant from margin of eye to clypeus. Front 3.8 times wider than width of eye in dorsal view. Eyes rounded, slightly convex, without hairs. Antennae probably consist of eleven antennomers, only two antennomers from both antenna remain - the first is robust, the second is almost rounded.

Pronotum transverse, ratio length : width 0.5. The greatest width shortly before base. Anterior angles invisible, posterior angles blunt rounded (from dorsal view). Posterior angle with transversally bent impression (Fig. 2). Base of pronotum slightly bent. Surface of pronotum shining with two types of punctuation - the first very dense, fine, punctures almost touched, the second sparse, coarse, irregular, distance between punctures are multiples of their diameter. Pubescence very sparse, short, recumbent, inclined almost backwards. Scutellum squared.

Elytra shortly oval, with distinct shoulders. Each elytron with 12 striae. The first stria, beside suture, very short, extending shortly behind scutellum, further six fine, very narrow and further ones broader, the last one ending in half of elytron and touching side of elytron. The second connected with the eleventh before apex of elytra, the third with the tenth, the fourth with the ninth,

the fifth with the eighth and the sixth with the seventh, always more distanced from apex of elytron. Surface of elytra shining, densely and finely punctate, punctures almost touched. Pubescence short, sparse, recumbent, inclined backwards.

Legs robust and short.

All ventrites of the same length, all transversal sutures straight.

Male. Unknown.

Differential diagnosis. This species differs from all other species from the subgenus *Xyletinus* by presenting of distinct transversal impression, which has not any other species from subgenus *Xyletinus*.

Name derivation. Dedicated to my friend, Jiří Háva, well-known specialist of family Dermestidae (Coleoptera).

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