

## ***Caccoleptus (Bicaccoleptus) westerduijni* sp. n. from Peru (Coleoptera: Dermestidae: Megatomini)**

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*Caccoleptus (Bicaccoleptus) westerduijni* sp. n. from Peru is described, illustrated and compared with the related species.

Key words: taxonomy, new species, Coleoptera, Dermestidae, *Caccoleptus*, Peru.

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### **INTRODUCTION**

The present paper follows the preceding articles about the genus *Caccoleptus* Sharp, 1902 (Beal 1978, 1979, Háva 2004 a, b).

### **MATERIAL AND METHODS**

Locality labels of the mentioned material are cited in the original version. The size of the beetles or of their body parts can be useful in species recognition, and thus, the following measurements were provided: total length (TL) – linear distance from anterior margin of pronotum to apex of elytra; elytral width (EW) – maximal linear transverse distance.

Holotype specimens provided with label: „HOLOTYPE *Caccoleptus (Bicaccoleptus)*

*westerduijni* sp. n. J. Háva & A. Herrmann det. 2007". [red label, printed].

### ***Caccoleptus (Bicaccoleptus) westerduijni* sp. n.**

**Type material. Holotype** (female): „Peru, Loreto, Padre Isla, 100 m, 18.ii.2006, R. Westerduijn leg.“. Holotype deposited in coll. A. Herrmann (Stade, Germany).

**Description.** Female habitus as illustrated (Fig. 1). Measurements: TL 1.8 EW 1.2 mm. Dorsal integument black and orange-red, pubescence white and black. Ventral integument brown, pubescence white. Head finely punctured, with black integument covered by long, white pubescence. Median ocellus on frons present. Antennae brown, 11-segmented, with 3-segmented antennal club (Fig. 2). Pronotum with black in-

tegument; with long white pubescence; finely punctured. Elytra with integument black with broad median orange-red transverse band, not reached sutura and orange-red apical part; elytra covered by subrecumbent white pubescence on orange-red parts and black on other parts; on humera coarsely punctured, other part finely punctured. Ventral surfaces with recumbent, white pubescence; integument of thoracic sterna dark brown; integument of abdominal sterna brown with white short pubescence. Prosternal

process broad. Mesosternum strongly transverse. Legs brown with short white setae. Male. Unknown.

**Differential diagnosis.** The new species belongs to the genus *Caccoleptus* Sharp, 1902, subgenus *Bicaccoleptus* Háva, 2004b according to the bi- or tri-coloured integument of elytra. The subgenus contains two species, the new species differs from them by the following characters:

1(2) Integument of pronotum brown

a(b) Integument of elytra tri-coloured, black, yellow and brown; each elytron with one small yellowish-orange transverse fasciae, not reaching the sutura and one circular black spot; prosternum narrow laterally (Brazil) ..... *C. (B.) ornatus* Háva, 2004a

b(a) Integument of elytra bicoloured, orange and dark-brown; each elytron with one orange transverse fasciae, reaching the sutura and orange apical part; prosternum broad laterally (British Guiana; Colombia; Panama; Venezuela) ..... *C. (B.) wicki* Beal, 1978

2(1) Integument of pronotum black; integument of elytra bicoloured, orange and black; each elytron with one orange-red transverse fasciae, not reaching sutura and orange-red apical part; prosternum broad laterally (Peru) ..... *C. (B.) westerduijni* sp. n.



Figs 1-2. *Caccoleptus (Bicaccoleptus) westerduijni* sp. n.: 1- habitus dorsal aspect, 2- antennae and head.

**Bionomy.** Beating the foliage of fruiting *Averrhoa carambola* on annually flooded woodland.

**Name derivation.** Patronymic, dedicated to the collector of the new species, Mr. Rob Westerduijn (Peru).

## ACKNOWLEDGEMENTS

We are much obliged to the collector of the new species (Rob Westerduijn) for donating the holotypus.

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