

***Trichodesma timorensis* sp. nov., a new species from Timor Island
(Coleoptera: Bostrichoidea: Ptinidae)**

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Abstract. A new species from Timor Island *Trichodesma timorensis* sp. nov. is described, illustrated and compared with related species.

INTRODUCTION

The genus *Trichodesma* LeConte, 1861 contains more than sixty species, distributed worldwide, except from Australian Region. Timor Island is near to border between the Oriental and Australian Regions (only 460 km north of Australia). This new described species is similar to Japanese or Taiwanese species (without large black spots on elytra, with transversal line).

A new species group is established.

The *Trichodesma fasciculare* group contains the following species:

<i>T. fasciculare</i> (Reitter, 1877)	Japan
<i>T. japonica</i> Pic, 1906	Japan
<i>T. kurosawai</i> Sakai, 1986	Taiwan
<i>T. lewisii</i> Kiesenweter, 1879	Japan
<i>T. michioi</i> Sakai, 2005	Japan
<i>T. timorensis</i> sp. nov.	Indonesia - West Timor
<i>T. uruma</i> Sakai, 1985	Japan

MATERIAL AND METHODS

I have studied original descriptions of all the Oriental species (Lesne 1932; Pic 1900, 1915, 1937, 1943, 1956) and Palaearctic species (Kiesenwetter 1879, Pic 1906, Reitter 1877, Sakai 1985, 1986, 2005) and also some identified material of these species.

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

The new species described here is provided with a red printed label showing the following text: "Holotype (red printed label)"; "*Trichodesma / timorensis* sp. n. / P. Zahradník det." (white printed label).

RESULTS

Trichodesma timorensis sp. nov.

(Figs. 1a-c)

Type material. Holotype (♀): INDONESIA, Lesser Bunch, W Timor, Baun env., 370 m, 4.i.2015, J. Horák lgt. Holotype deposited in the author's collection.

Description. Elongate-elliptical, transversally slightly convex. Body length 3.8 mm, the greatest width 1.9 mm. Ratio elytra length : elytra width of 1.2. Body dark brown with yellow pubescence, antennae, palpi and legs a little slighter. Habitus see Figs. 1 (dorsal view) and 2 (lateral view).

Head evenly transversally convex, matt shining, with large punctuation, diameter of puncture twice smaller than distance between them. Surface of head with two types of hairs - the first sparse, long, erect, the second short dense recumbent, cloudy arranged. Eyes large, globular, with sparse long erect hairs. Frons 2.5 times wider than width of eye in dorsal view. Antennae filiform with antennal clubs. The 1st antennomere robust, 1.8 longer than wide. The 2nd antennomere twice long as wide, long as half 1st one. The 3rd antennomere as long as the 2nd, but twice slimmer. Antennomeres 4th to 8th of the same lengths, slightly transverse, 1.2 times wider than long. The 9th and 10th antennomere large, triangular, each as long as 4th to 8th together, 1.6 times longer than wide. The last antennomere twice as long as previous antennomere and twice as long as wide. All antennomeres with sparse long erect hairs. The last segment of maxillary palpi spindleform.

Pronotum transverse, ratio length : width 0.6, the widest in the first third. Middle of pronotum with sharp bump. Lateral sides slightly flattened. Surface of pronotum with two types of hairs - the first dense, long erect, the second short denser than previous, recumbent, cloudy arranged. Puncture coarse and large, distance between these puncture equals to their diameter. Scutellum small, as wide as long, almost pentagonal, with dense short yellow recumbent hairs, inclined backward.

Elytra shortly oval, with distinct shoulders, matt shining, with large coarse umbilicate dense puncture, distance between these puncture as the same as their diameter. Surface of elytra with three types of hairs - the first sparse, long erect, yellow, the second short dense, recumbent or semirecumbent, arranged in small transversal irregular curves, and the third arranged in small sparse brush from black erect dense setae.

Male. Unknown.

Differential diagnosis. This species differs from other known Palearctic and Oriental species by dense yellow pubescence. Other species have combinations of, black or brown pubescence.

Name derivation. Derived from name of island of its distribution - Timor I.

Distribution. Indonesia: West Timor Island.



Figs. 1-3. *Trichodesma timorensis* sp. n. 1- dorsal view; 2- lateral view; 3- antennae.



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