

[研究文章 Research Article]

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## New Distributional Records of *Pseudendestes andrewesi* (Grouvelle, 1908) (Coleoptera: Zopheridae) from Taiwan

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**Abstract.** *Pseudendestes andrewesi* (Grouvelle, 1908) is newly recorded from Taiwan, and figured and diagnosed.

**Key words:** Zopheridae, *Pseudendestes*, new faunistic record, Taiwan

### Introduction

The genus *Pseudendestes* contains 5 species (*P. robertsi*, *P. australis*, *P. lawrencei*, *P. andrewesi*, *P. namdaphaensis*) in the world (Aoki et al., 2008). Among these species, *Pseudendestes andrewesi* (Grouvelle, 1908) has been recorded from Japan (Ishigakijima Island) and India (Aoki, 2012) but not from region between India and Japan. Recently, I've examined zopherid specimens at Taiwan Agricultural Research Institute (TARI) and found two specimens of *Pseudendestes andrewesi* collected in Taiwan, which is previously unknown from Taiwan. New records of the species from Taiwan are provided as below.

### Material and methods

The materials examined in this paper are deposited at Taiwan Agricultural Research Institute, Wufeng, Taichung, Taiwan (TARI, Dr. Chi-Feng Lee). The species was identified as *P. andrewesi* (Grouvelle, 1908) based on Aoki et al. (2008). Measurements were taken as follows and expressed as ratios in the measurements: body width (BW, the greatest body width); body length (BL, the length from the anteromedian edge of the pronotum to apex of elytra); pronotal width (PW, the greatest pronotal width); pronotal length (PL, the median length of the pronotum); elytral width (EW, the greatest width of the combined elytra); elytral length (EL, the length along the suture including the scutellar shield).

### Results

#### *Pseudendestes andrewesi* (Grouvelle, 1908)

(Figs. 1–3)

*Endestes andrewesi* Grouvelle, 1908: 414, pl. 9, fig. 5.

*Pseudendestes andrewesi*: Lawrence, 1980: 299; Aoki et al., 2008: 1, fig. 1; Aoki, 2009: 118, fig (p. 119).

**Material examined.** 1 ex., Lanyu, Taitung, Taiwan, 27. VII. 2015, Y.-T. Wang leg.; 1 ex., Kuraru [=Kueitzuchiaio, Kenting National Park, Hengchun Township, Pingtung County], Taiwan, 25. VIII. 1932, Y. Miwa leg.

**Measurements.** Specimen from Lanyu Island (n = 1): BL = 4.8 mm; BW = 1.0 mm; PL = 1.4 mm; PW = 1.0; EL = 3.4 mm; EW = 1.0 mm; PL/PW = 1.4 mm; EL/EW = 3.4.

Specimen from Pintung (n = 1): BL = 4.7 mm; BW = 1.0 mm; PL = 1.4 mm; PW = 0.9 mm; EL = 3.3 mm; EW = 1.0 mm; PL/PW = 1.56; EL/EW = 3.3.

**Diagnosis.** *Pseudendestes andrewesi* (Grouvelle, 1908) can be distinguishable from other species by the combination of following characters: slender body; antennae with 3 segmented club; elytra with 3 ridge line (Aoki et al., 2008).

**Distribution.** Japan (Ishihgaki-jima Island); India; Taiwan (new record).



Figure 1. The habitus of *Pseudendestes andrewesi* (Grouvelle) from Taiwan, showing slender body. Scale: 1.0 mm.



Figure 2. Dorsal view of antennae with 3 segmented club. Scale: 0.1 mm.

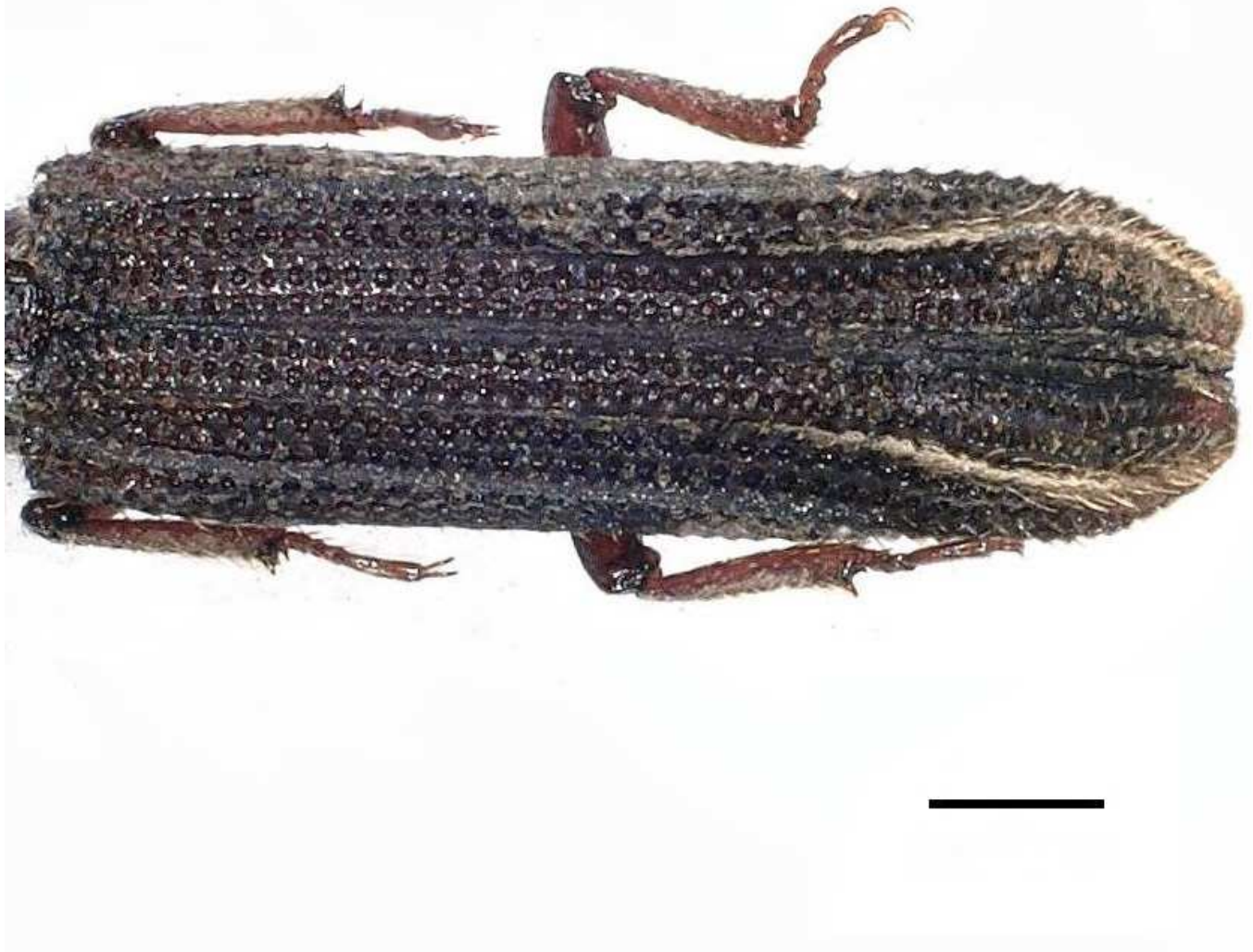


Figure 3. Dorsal view of elytra, showing elytra with 3 ridge line. Scale: 0.5 mm.

#### **Acknowledgment**

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## 臺灣新紀錄種安氏偽長細堅蟲之記述（鞘翅目：瘤擬步行蟲科）

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**摘要:** 安氏偽長細堅蟲 *Pseudendestes andrewesi* (Grouvelle, 1908) 首次發現於臺灣，本文同時提供標本細節照片及其診斷性差異。

**關鍵詞:** 瘤擬步行蟲科、偽長細堅蟲屬、物種相新紀錄、臺灣