

Distributional notes on some Nosodendridae (Coleoptera) - XVIII. Descriptions of two new species from the Philippines

Jiří HÁVA

Department of Forest Protection and Entomology,
Faculty of Forestry and Wood Sciences,
Czech University of Life Sciences,
Kamýcká 129, CZ-165 00, Prague 6 - Suchbát, Czech Republic
e-mail: jh.dermestidae@volny.cz

Taxonomy, description, new species, Coleoptera, Nosodendridae, *Nosodendron*, Philippines

Abstract. Two new species, *Nosodendron (Dendrodipnis) mindanaoensis* sp. nov. and *N. (Dendrodipnis) luzonicus* sp. nov., both from the Philippines are described, illustrated and compared with a related species, *Nosodendron (Dendrodipnis) grande* (Reitter, 1881).

INTRODUCTION

The small family Nosodendridae (Coleoptera) recently contains 3 genera and 92 species (Háva 2015, 2017, 2018). The classification of the family Nosodendridae is used according to Bouchard et al. (2011). Six species have been known from the Philippines (Háva 2017) and two new species are described below.

MATERIAL AND METHODS

Locality labels of the mentioned material are cited in the original version. Specimens of the presently described species are provided with red, printed labels with the text as follows: „HOLOTYPE [or PARATYPE, respectively] *name of taxon* sp. nov. Jiří Háva det. 2018”.

Type material is deposited in collection:

JHAC Jiří Háva, Private Entomological Laboratory and Collection, Prague-west, Czech Republic.

RESULTS

***Nosodendron (Dendrodipnis) mindanaoensis* sp. nov.**

Nosodendron grande: Háva, 2017: 5.

Type material. Holotype (♂): Philippines, Mindanao, Compostela Valley, New Albay, Nov.2016, local collector, (JHAC). Paratype (1 ♀): Philippines, Mindanao, Surigao del Sur, Sigaboy, Sept. 2017, local collector, (JHAC).

Description. Measurements (in mm): total length 8.0-8.2; maximum elytral width 5.0-5.5. Body convex. Cuticle black, shiny. Head finely, but clearly punctate, with very short yellow setae. Eyes large, visible from above. Antennae brown, with eleven antennomeres, antennal club with three antennomeres, with yellow setae. Mentum with small punctures, with short yellow setae, without longitudinal groove. Pronotum punctate as head; with very short yellow setae. Pronotal anterior angle without groove. Scutellum triangular, finely punctate. Elytra with fine, short, yellow setae; each elytron with small punctures intermixed with small seta-bearing punctuation. Near scutellum

each elytron without one short stria consisting of large punctures. Mesosternum finely and regularly punctate. Metasternum without longitudinal carina, punctures very large on lateral margins. Legs black, tibiae and femora finely punctate, with short yellow setation. Abdominal visible ventrites black. Longitudinal striation of base of abdominal ventrites very short. Male genitalia as figured (Table 1).

Female externally similar to male.

Differential diagnosis. The new species is very similar to *Nosodendron* (*D.*) *grande* (Reitter, 1881). Háva (2017) cited the species erroneously from Mindanao as *N. grande*. The species *N. grande* is excluded from the Philippine fauna. The new species differs by the characters mentioned in the following table.

Etymology. Toponymic, named after the Mindanao Island.

***Nosodendron* (*Dendrodipnis*) *luzonicus* sp. nov.**

Type material. Holotype (♂): Philippines, North Luzon, Nueva Viscaya, Katsibu, local collector, (JHAC).

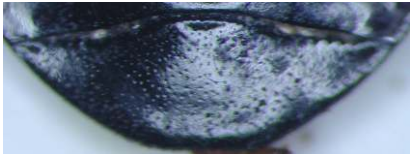


Description. Measurements (in mm): total length 8.1; maximum elytral width 5.0. Body convex. Cuticle black, shiny. Head very finely, but clearly punctate, with very short yellow setae. Eyes large, visible from above. Antennae brown, with eleven antennomeres, antennal club with three antennomeres, with yellow setae. Mentum with small punctures, with short yellow setae, without longitudinal groove. Pronotum punctate as head; with very short yellow setae. Pronotal anterior angle without groove. Scutellum triangular, finely punctate. Elytra with fine, short, yellow setae; each elytron with small punctures with intermixed small setigerous punctuation. Near scutellum, each elytron without one short stria consisting of large punctures. Mesosternum finely and regularly punctate. Metasternum without longitudinal carina, punctures very large. Legs black, tibiae and femora finely punctate, with short yellow setation. Abdominal visible ventrites black. Longitudinal striation of base of abdominal ventrites very short. Male genitalia as figured (Table 1).

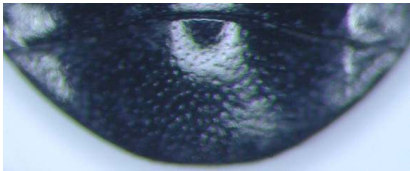
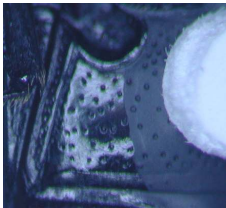

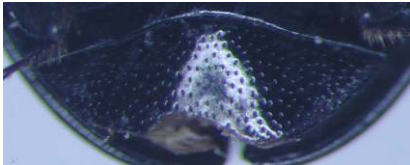


Female unknown.

Differential diagnosis. The new species is similar to *Nosodendron* (*D.*) *grande* (Reitter, 1881). The new species differs by the characters mentioned in the following table.

Etymology. Toponymic, named after the Luzon Island.

Tab. 1. Table with differential characters.

	Striation and punctuation on visible abdominal ventrites	Punctuation on metasternum	Male genitalia
<i>N. grande</i> (Reitter, 1881)			

<i>N. luzonicus</i> sp. nov.			
<i>N. mindanaoensis</i> sp. nov.			

CHECK-LIST OF NOSODENDRIDAE RECORDED FROM THE PHILIPPINES

Family Nosodendridae Erichson, 1846
Genus *Nosodendron* Latreille, 1804
Subgenus *Dendrodipnis* Wollaston, 1873

<i>Nosodendron bolmi</i> Háva, 2015	Mindanao
<i>Nosodendron hispidum</i> Champion, 1923	Palawan
<i>Nosodendron lentum</i> Oehme-Leonhardt, 1954	Mindanao
<i>Nosodendron luzonicus</i> sp. nov.	Luzon
<i>Nosodendron mindanaoensis</i> sp. nov.	Mindanao
<i>Nosodendron nomurai</i> Háva, 2000	Palawan; Mindanao
<i>Nosodendron parahispidum</i> Háva, 2015	Mindanao
<i>Nosodendron planus</i> Háva, 2015	Mindanao

ACKNOWLEDGEMENTS. I am indebted very much to Jan Hrdlička (Czech Republic), for his help with the material from the Philippines and to Miloslav Rakovič (Czech Republic) for a revision of the English manuscript.

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Published: 28. 11. 2018