



Original Article

Histeridae (Coleoptera) collection of Yeungnam University, with a description of new species and redescription of *Niposoma lewisi* (Marseul)Masahiro Ôhara^a, Kee-Jeong Ahn^{b,*}^aThe Hokkaido University Museum, Sapporo 060-0810, Japan^bDepartment of Biology, Chungnam National University, Daejeon 34134, South Korea

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ABSTRACT

A total of six species in six genera of the family Histeridae is documented from the collection of Yeungnam University, Daegu, South Korea. *Platysoma (Platysoma) jongwooki* sp. nov. and *Niposoma lewisi* Marseul are described and redescribed with illustrations of the diagnostic characters, respectively. Key to Korean species of the tribe Platysomatini is provided.

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Introduction

We had an opportunity to examine the specimens of the family Histeridae in the collection of Yeungnam University, Daegu, South Korea, and recognized six species in six genera based on 188 specimens. After our careful examination, we found an unnamed species, which was also deposited in the Chungnam National University Insect Collection (CNUIC), Daejeon, and the National Institute of Biological Resources (NIBR), Incheon, South Korea. Herein, we describe it as a new species, *Platysoma (Platysoma) jongwooki* sp. nov. Two specimens of *Niposoma lewisi* (Marseul) are also found in the collection of Yeungnam University, and they are redescribed. This species was illustrated with their male genitalia by Ôhara (1986), but a sufficient redescription and illustrations were not provided.

Materials and methods

Abbreviation of provinces: North Korea: HN = Hamgyongnam-do; HB = Hamgyongbuk-do; PB = Pyeonganbuk-do; HWB = Hwanghae aebuk-do. South Korea: IC = Incheon-gwangyeoksi; GW = Gang

won-do; GG = Gyonggi-do; CB = Chungchongbuk-do; DG = Daegu-gwangyeoksi; GB = Gyeongsangbuk-do; GN = Gyeongsangnam-do; JB = Jeollabuk-do; JN = Jeollanam-do; JJ = Jeju-do. Abbreviations of the collection of universities: CNUIC = Chungnam National University Insect Collection; SEHU = Systematic Entomology, Hokkaido University; YNU = Yeungnam University. Abbreviations for measurements of some body parts are given in text as follows: M = male; F = female; PPL = length between anterior angles of pronotum and apex of pygidium; PEL = length between anterior angles of pronotum and apices of elytra; APW = width between anterior angles of pronotum; PPW = width between posterior angles of pronotum; PL = length of pronotum along mid line; EL = length of elytron along sutural line; EW = maximal width between outer margins of elytra; ProW = maximal width of propygidium; ProL = length of propygidium; PyL = length of pygidium; PTL = length of protibia; MSTL = length of mesotibia; MTTL = length of metatibia. See also Ôhara (1994: 8, Figure 2) for detailed explanation.

Taxonomic accounts

Family Histeridae
Subfamily Histerinae

Tribe Histerini

Margarinotus (Grammostethus) niponicus (Lewis, 1895)
Hister niponicus Lewis, 1895: 188.

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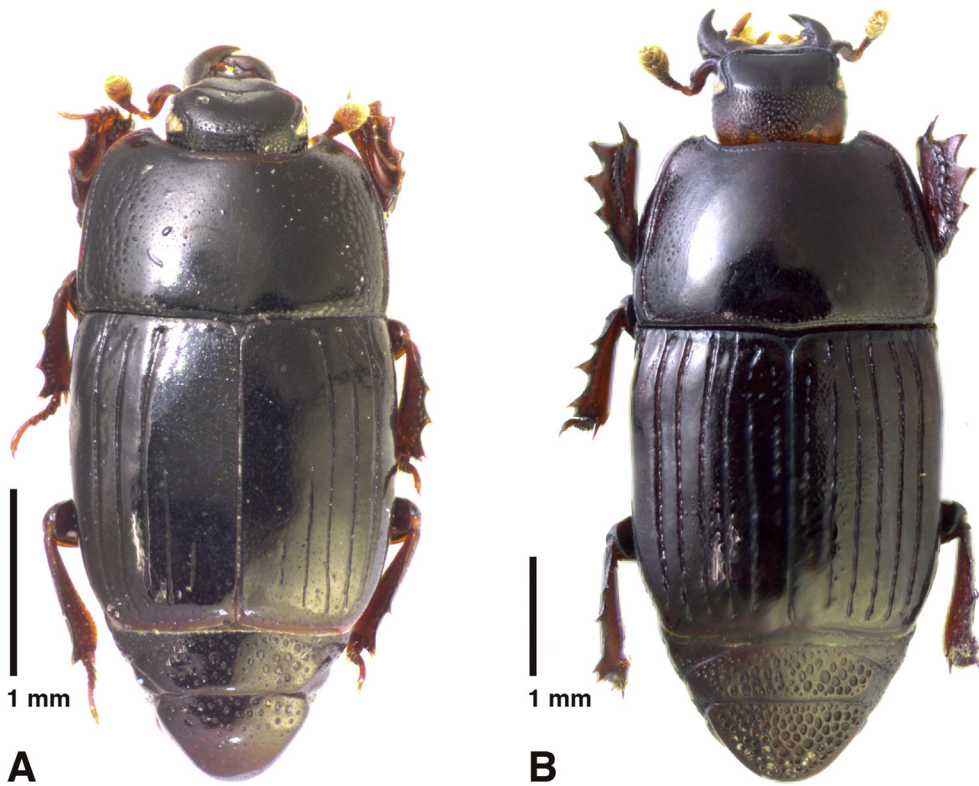


Figure 1. Habitus: A, *Platysoma (Platysoma) jongwooki* sp. nov. [Holotype, male, MO-16-011]; B, *Niposoma lewisi* (Marseul, 1873) [female, MO-16-010].

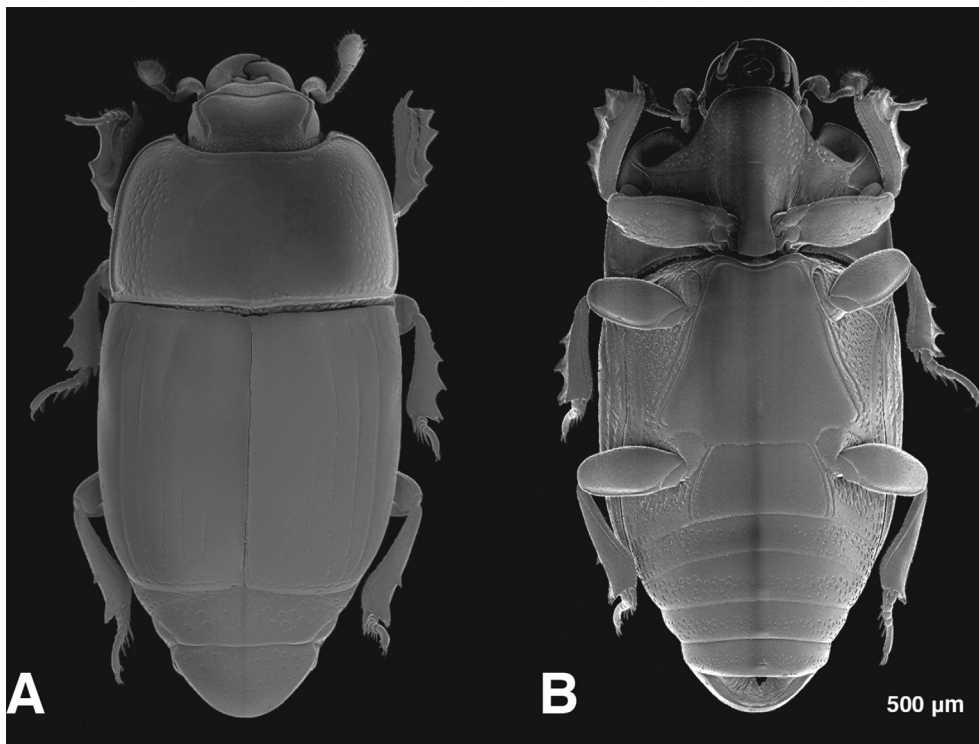


Figure 2. *Platysoma (Platysoma) jongwooki* sp. nov.: A, dorsal view; B, ventral view. [Holotype, MO-16-011].

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