

New Distributional Records of the Species of Histeridae (Coleoptera) from Korea

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Abstract A total of 22 species of the family Histeridae is recorded from Korea as new distributional information.

Introduction

Fauna of Korean histerid beetles has recently been well studied by KIM and LIM (1997), ÔHARA and PAIK (1998, 2016), ÔHARA, NUNN and LACKNER (2011), ÔHARA (2015, 2016), ÔHARA, CHO and AHN (2016), ÔHARA and AHN (2018), and SEUNG and LEE (2019 a, b, c, d). As a result, a total of 71 species of the family Histeridae are known from Korea. In this paper, we note additional distributional records from Korea based on three different sources. First, in 2012 and during 2016 to 2019 we had some opportunities to collect littoral beetles on the coastlines of South Korea through the JSPS KAKENHI project (Grant Number JP16K07484 for NK) and four littoral histerid species were recognized from the project material. Second, we examined histerid specimens deposited in the collections of Japanese universities and natural history museums and found some Korean histerid specimens in their collections. Third, late Mr. Jingke LI provided the first author, MO, with a series of specimens from Korea. A total of 1,242 specimens in six genera and 16 species were recognized from his collection, but locality data of the specimens lacks reliability, as was noted by UÊNO (1992). In his collection of histerids, however, all species had been recorded from Korea, one of which is endemic to the country. There is still room for doubt, but we are going to record the specimens with an asterisk (*).

Abbreviations

Abbreviation of locality data.

[North Korea]

YG*: Yanggang-do. Mt. Tongnimpeak, alt. 1,520 m, 41.40°N, 127.30°E, 25.VI.–10.VII.2008, no collector's name (SEHU).

PB1*: Peyonganbuk-do. Sinmi Islands, Unjong-ri, 39.70°N, 124.10°E, 10–20.V.2009, native collector (SEHU).

PB2*: Peyonganbuk-do. Sinmi Islands, Unjong-ri, Cholsan County, 20–28.V.2011, no collector's name (SEHU).

PB3*: Peyonganbuk-do. Mt. Pong-san (= Bangsan), Sakchu (= Mangju), 22.VI.1997, J.-J. KIM (SEHU).

PB4*: Peyonganbuk-do. Northeast 2 km, Mountain area, Sinuiju City (= Yeng Byen City), 9. VIII.1993, J.-K. LI (SEHU).

HN*: Hamgyongnam-do. Mt. Solhan Ridge, alt. 1,433 m, 10–15.VII.2008, no collector's name (SEHU).

[South Korea]

DG: Daegu-gwangyeoksi. Pagesa (= Pagyesa, Pagye Temple), Palgongsan, Daegu, 25–28.VII.1979, H. TAKIZAWA (SEHU).

GG: Gyonggi-do. Ungilsan, VII.1985, M.-C. LEE leg. J.-P. KIM collection (8650-3) (SEHU).

UL*: Ullung Island. Mt. Songin Park, alt. 984 m, 37°40'N, 130°60'E, 9–18.VI.2008, no collector's name (SEHU).

GW1: Gangwon-do. Shinheungsa, near Mt. Sôlak, 1–3.VII.1984, A. SAITO (CMCP).

GW2: Gangwon-do. Mt. Odaesan, Pyeongchan-gun, 29.V.1982, K. FURUKAWA (SEHU).

CN1: Chungcheongnam-do. Bækrip beach, Uihang-ri, Sowon-myeon, Taean-gun, 36°48'41"N, 126°09'17"E, sandy beach, 26.VIII.2012, M. ÔHARA [KR-12-MO-086] (SEHU).

CN2: Chungcheongnam-do. Sinduri beach, Sindu-ri, Wonbok-myeon, Taean-gun, 36°50'41"N, 126°11'38"E, sand beach, 26.VIII.2012, M. ÔHARA [KR-12-MO-087] (SEHU).

Abbreviation of collections.

CMCP: Collection of the Natural History Museum and Institute, Chiba, Japan (Curator: Dr. A. SAITO).

SEHU: Collection of Systematic Entomology, Hokkaido University, Sapporo, Japan (Curator: M. ÔHARA).

Systematics

- 1) *Hololepta (Hololepta) amurensis* REITTER, 1879
Specimen examined. [South Korea] 1 male, GW1.
- 2) *Platysoma (Platysoma) jongwooki* ÔHARA et AHN, 2018
Specimen examined. [South Korea] 1 ex., GW1.
- 3) *Margarinotus (Ptomister) cadavericola* (BICKHARDT, 1920)
Specimen examined. [North Korea] 1 female, HN*.
- 4) *Margarinotus (Ptomister) reichardti* KRYZHANOVSKIJ, 1976
Specimens examined. [North Korea] 16 exs., PB2*.
- 5) *Margarinotus (Ptomister) striola striola* (C. R. SAHLBERG, 1819)
Specimens examined. [South Korea] 1 ex., GW2; 1 female, UL*.
- 6) *Margarinotus (Grammostethus) niponicus* (LEWIS, 1895)
Specimens examined. [North Korea] 1 ex., YG*; 5 exs., PB2*. [South Korea] 2 exs., DG.
- 7) *Nasaltus chinensis* (QUENSEL, 1806)
Specimens examined. [North Korea] 2 exs., PB2*.
- 8) *Hister congener* SCHMIDT, 1885
Specimens examined. [North Korea] 1 ex., YG*; 2 exs., PB2*; 17 exs., PB3*.

- 9) ***Hister distans*** FISCHER DE WALDHEIM, 1823
Specimens examined. [South Korea] 12 exs., UL*.
- 10) ***Hister japonicus*** MARSEUL, 1854
Specimens examined. [North Korea] 120 exs., YG*; 243 exs., PB1*; 170 exs., PB2*; 18 exs., PB3*; 211 exs., HN *. [South Korea] 86 exs., UL*.
- 11) ***Hister sedakovii*** MARSEUL, 1861
Specimens examined. [North Korea] 1 ex., PB1*; 4 exs., PB3*; 3 exs., PB4*.
- 12) ***Hister simplicisternus*** LEWIS, 1879
Specimens examined. [North Korea] 1 ex., YG*; 2 exs., PB2*; 1 ex., PB3*. [South Korea] 1 ex., UL*.
- 13) ***Hister unicolor leonhardi*** BICKHARDT, 1910
Specimens examined. [North Korea] 1 ex., PB2*; 2 exs., PB3*.
- 14) ***Merohister jekeli*** (MARSEUL, 1857)
Specimens examined. [North Korea] 8 exs., HN*; 2 exs., YG*; 112 exs., PB2*; 4 exs., PB3*. [South Korea] 42 exs., UL*; 1 ex., GG.
- 15) ***Atholus bimaculatus*** (LINNAEUS, 1758)
Specimen examined. [South Korea] 1 ex., PB4*.
- 16) ***Atholus depistor*** (MARSEUL, 1873)
Specimens examined. [South Korea] 76 exs., UL*.
- 17) ***Saprinus (Saprinus) niponicus*** DAHLGREN, 1962
Specimens examined. [North Korea] 7 exs., YG*; 1 ex., PB2*. [South Korea] 3 exs., UL*.
- 18) ***Saprinus (Saprinus) planiusculus*** MOTSCHULSKY, 1849
Specimens examined. [North Korea] 1 ex., YG*. [South Korea] 63 exs., UL*; 1 ex., CN2.
- 19) ***Saprinus (Saprinus) splendens*** (PAYKULL, 1811)
Specimens examined. [South Korea] 4 exs., CN2.
- 20) ***Hypocaccus (Baeckmanniolus) varians varians*** (SCHMIDT, 1890)
Specimens examined. [South Korea] 5 exs., CN1.
- 21) ***Hypocaccus (Hypocaccus) siniae*** (MARSEUL, 1862)
Specimens examined. [South Korea] 2 exs., CN1.
- 22) ***Eopachylopus ripae*** (LEWIS, 1885)
Specimen examined. [South Korea] 1 ex., CN2.

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要 約

大原昌宏・安 基晶・小林憲生：朝鮮半島からのエンマムシ科（鞘翅目）甲虫の分布記録。——朝鮮半島からエンマムシ科 22 種の記録をした。同半島新記録種はないが、分布情報の稀な地域を含むため報告する。

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