

A Truncatipennes Gound Beetle, *Peliocypas miwai* (Jedlicka) (Coleoptera: Carabidae), new to Korea

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한국산 수상성(樹上性) 먼지벌레의 1 미기록 종 보고

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ABSTRACT: The genus and species, *Peliocypas miwai* (Jedlicka) are documented for the first time in Korea. Diagnostic characters and habitus photograph are presented.

Key words: Taxonomy, New record, *Peliocypas miwai*, Korea

초록: *Peliocypas miwai* (Jedlicka)의 국내 분포를 처음 확인함으로써 동시에 *Peliocypas* 속 또한 처음 발견 되었다. 미기록 종의 외부형태적 특징 및 종 정보를 사진과 함께 간략하게 기술하였다.

검색어: 분류, 한국미기록종, *Peliocypas*

The genus *Peliocypas* Schmidt-Goebel contains 67 species from the world (Anonymous, 2012), whereas Bousquet et al. (2003) listed 16 species. These huge differences must be more detail confirmation works by specimens. Most species are distributed in the Palaearctic and Oriental regions (generally countries located in southern part of China, Japan to India, see Jedlicka, 1963; Habu, 1983). *P. miwai* (Jedlicka) was record only in Japan (Habu, 1983, Ueno et al., 1985).

Members of the *P. miwai* inhabit the tree and feed on small insects using sharp mandibles and claws. They are characterized by very small body, long curved stylus segment in female and one pair of distinct setae present on mid-eye level of head (Habu, 1983) and active behavior.

Systematic accounts

Subfamily Lebiinae Bonelli, 1810

Tribe Lebiini Bonelli, 1810

Genus *Peliocypas* Schmidt-Goebel

Nat. Mus. Mit. Mehr., Schmidt-Gobel, 1846: 33. type species: *Peliocypas suturalis*.

Demetridula Chaudoir, 1878: 160 type species: *Demetridula pallida*

Tetragonica Motschulsky, 1859: 26 type species: *Tetragonica fusca*

Trichocypas Jeannel, 1949: 991 type species: *Peliocypas luridus*

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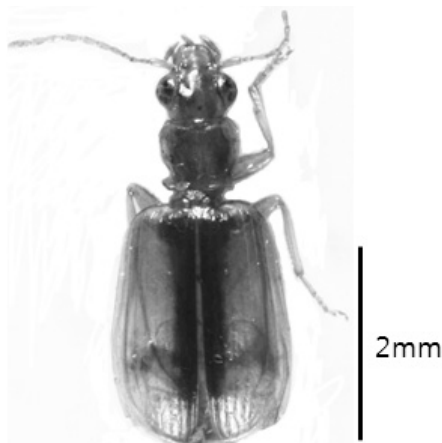


Fig. 1. Dorsal view of *Peliocypas miwai* from Mt. Bohyunsan.

Peliocypas miwai (Jedlicka, 1940) (Fig. 1)

Risophilus miwai Jedlicka, 1940, Neue Carab. aus Ostasien, XIII Teil.: 14 (Japan).

Risophilus miwai : Jedlicka, 1963: 403, 408-409; Shibata, 1964: 41-43.

Peliocypas (Peliocypas) miwai : Habu, 1967: 208-210; Habu, 1975: 81; Habu, 1983: 125.

Diagnosis: Body size 4.0 mm, Head and pronotum yellowish brown. Antennae, maxillary and labial palpus, legs more or less light colour than head. Ventral side of head with one pair of distinct setae at mid-eye level. Antennae without densely small seta to 3rd segment. Elytra with brownish long spot from basal area to 2/3 part of elytra, width of basal spot extended to 1/3 of interval five, with one pore on 3rd interval at adjoining fourth interval line. Claws with four sharp spines in inner side, third and fourth tarsal segment divided and elongated widely.

Material examined : 1 ex., 20, X, 2011, Mt. Bohyunsan (Jukjeon-ri, Hwabuk-myeon, Yeongcheon city, E 128 54' 59.35" N 36 09' 02.76"), GB, Korea. Coll. J.K.Park.

Remarks: By morphological characteristics of elytral long spot, head colour, antennal seta and head ventral seta etc, this species was distinctly identified (Habu, 1983; Ueno *et al.*, 1985).

Distribution: Korea (new record), Japan.

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