



Two Pseudoliodine genera *Dermatohomoeus* Hlisnikovský and *Pseudcolenis* Reitter (Coleoptera: Leiodidae: Leiodinae) in Korea, with a description of *Pseudcolenis hoshinai* new species

SUN-JAE PARK¹ & KEE-JEONG AHN²

Department of Biology, Chungnam National University, Daejeon 305-764, Republic of Korea. E-mail: ¹sun0709@hanmail.net;

²kjahn@cnu.ac.kr

²Corresponding author

Abstract

A taxonomic study of two Korean pseudoliodine genera, *Dermatohomoeus* Hlisnikovský and *Pseudcolenis* Reitter, is presented. Two genera and three species are recognized. One new species (*Pseudcolenis hoshinai* Park & Ahn) is described. *Dermatohomoeus terrenus* (Hisamatsu) is reported for the first time in the Korean peninsula. *Pseudcolenis hilleri* Reitter is new to South Korea. A key for the genera and species, description of the new species, and illustrations of diagnostic characters are presented.

Key words: Taxonomy, Coleoptera, Leiodidae, Leiodinae, Pseudoliodini, *Dermatohomoeus*, *Pseudcolenis*, new species, Korea

Introduction

The genera *Dermatohomoeus* Hlisnikovský, 1963 and *Pseudcolenis* Reitter, 1885 belong to the tribe Pseudoliodini Portevin, 1926. The genus *Dermatohomoeus* containing thirty two species has been recorded from central Africa, the Oriental region, Melanesia, Australia and Japan (Hlisnikovský 1963, 1964a, 1965, 1966, 1972; Daffner 1986, 1988b, 1990; Angelini & Švec 1998; Newton 1998; Hoshina 1999). In East Asia, three species are distributed in Japan (Hisamatsu 1985a, 1985b; Daffner 1988b; Hoshina 1999). The genus *Pseudcolenis* consists of twenty five species from mainly the Oriental region, China, Japan, Korea and Russia (Reitter 1885; Portevin 1905, 1914, 1927; Hatch 1929; Daffner 1988a; Angelini & Švec 1995, 2000; Newton 1998). In East Asia, seven species are distributed in China (Hlisnikovský 1964b; Daffner 1988a; Angelini & Švec 1995, 2000), three in Japan (Reitter 1885; Portevin 1905, 1914, 1927; Daffner 1988a; Angelini & Švec 1995, 2000) and two in the Far East of Russia (Angelini & Švec 2000). Daffner (1988a) reported *Pseudcolenis hilleri* Reitter, 1885 for the first time in Korea.

In this paper we report two genera and three species from Korea. *Pseudcolenis hoshinai* is described as a new species and *Dermatohomoeus terrenus* (Hisamatsu, 1985a) is the first record of the genus and species in Korea. *Pseudcolenis hilleri* reported by Daffner (1988a) from North Korea is added to South Korean fauna. Keys to Korean genera of Pseudoliodini and species of *Dermatohomoeus* and *Pseudcolenis*, a description of the new species and illustrations of diagnostic characters are given. Diagnoses of the two genera are based on our examination of East Asian species and published descriptions of other species. The diagnoses aim to apply to all known species of the genera. The terminology follows Wheeler (1979) for aedeagus and Betz *et al.* (2003) for mouthparts. Specimens were collected by Flight Intercept Traps (FIT), sifting leaf litter, from