

Note on the Tribe Diochini from Korea (Coleoptera, Staphylinidae)

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한국산 뽕족머리긴반날개족 (딱정벌레목, 반날개과)

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ABSTRACT

The tribe Diochini Casey 1906 is recorded for the first time in Korea. *Diochus japonicus* Erichson is added newly in Korean Staphylininae fauna. This tribe in East Asia consists of one species so far.

Key words : New record, Coleoptera, Staphylinidae, Korea

INTRODUCTION

The tribe Diochini Casey 1906 belonging to the subfamily Staphylininae is characterized as follows: antennae not geniculate, insertions closer to eyes than each other; apical maxillary palpomere minute, aciculate; neck narrow (less than 1/3 as wide as head); pronotal hypomeron strongly inflexed and only partly visible from the side (Smetana, 1982). This tribe consists of 3 genera, *Diochus* Erichson (cosmopolitan), *Antarctothius* Coiffait and Saiz (Southern South America), and *Coomania* Cameron (Oriental region).

This paper confirms that *D. japonicus* is distributed in Korean peninsula and Cheju Island as well as Japan and China. The diagnosis and aedeagus illustration of this species are provided here.

SYSTEMATICS

Subfamily Staphylininae Latreille, 1802 반날개아과
Tribe Diochini Casey, 1906 뽕족머리긴반날개족 (신칭)
Genus *Diochus* Erichson, 1839 뽕족머리긴반날개속 (신칭)
Type species: *D. nanus* Erichson



Fig. 1. Habitus of *Diochus japonicus* Erichson.

***Diochus japonicus* Cameron, 1930** 뽕족머리긴반날개 (신칭)
Type locality: Kobe (Japan).

Diochus japonicus Cameron, 1930. Ent. mon. Mag., 66: 206; Adachi, 1957: 185; Nakane, 1963: 90; Shibata, 1983: 86-87; Shibata, 1985: 290; Li, 1992: 53; Li and Chen, 1993: 32.

Diagnosis (Fig. 1): Body length 5 mm, piceous black,

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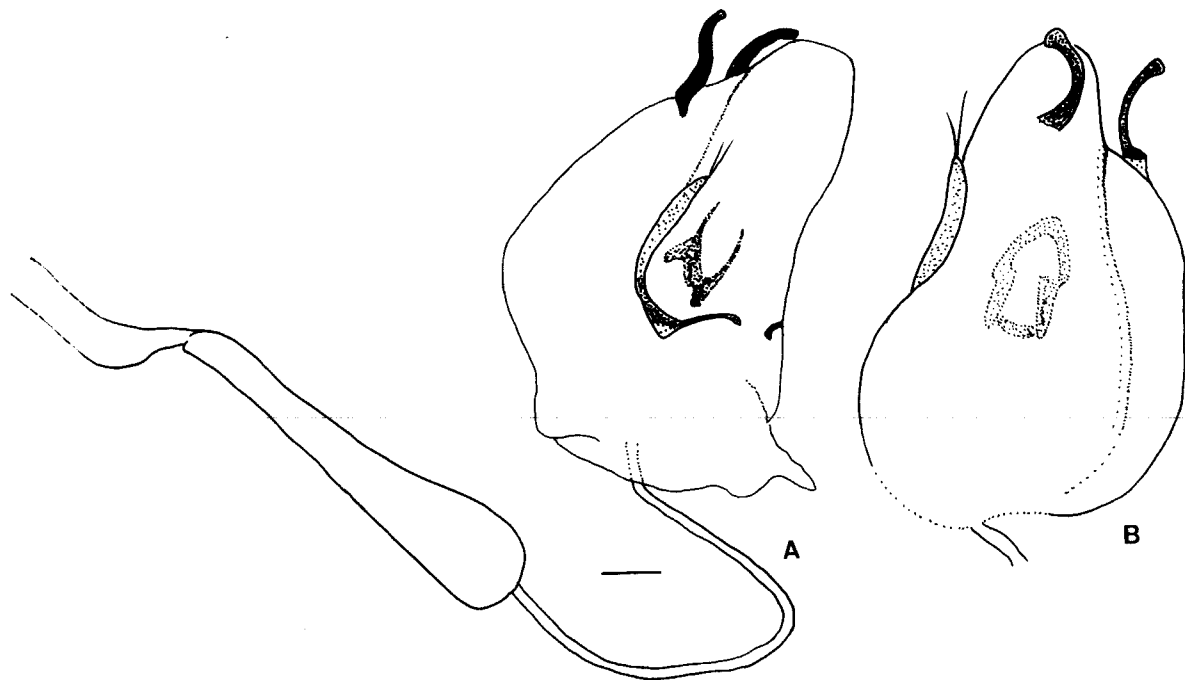


Fig. 2. Aedeagus of *Diochus japonicus* Erichson (A: latero-ventral view; B: latero-dorsal view). scale: 0.1 mm.

strongly shining, mouth part and antenna reddish brown, maxillary palps and legs yellowish brown. Head with some small punctures and erected black hairs on lateral sides, anterior portion shallowly emarginated. Pronotum oval-shaped, with rows of three punctures declined on each of median lateral side. Elytron with three rows of punctures. Abdomen with small and close punctures and erected hairs.

Aedeagus (Fig. 2) with sclerotized internal sac, median lobe connected with sperm pump, dorsal surface membranous. Paramere short and strongly bented ventrally with long apical bristles.

Specimens examined: 1 ♀, Chollanam-do, Seungju-gun, Mt. Chogyesan, VII. 12, 1998, Y.B. Cho coll.; 1 ♂, 1 ♀, Chollanam-do, Posung-gun, Mt. Jeamsan, VII. 18-19, 1999, Y.B. Cho coll.; 1 ♀, Chollanam-do, Kwangyang-shi, Mt. Paekunsan, VI. 11, 1999, Y.B. Cho coll.; 1 ♂, Cheju-do, Dongsoak Bog, VIII. 30, 1997, Y.B. Cho coll.; 1 ♀, Cheju-do, Seogwipo-shi, II. 1, 1985, K.S. Lee coll.

Distribution: Korea (new record), Japan, China.

Remarks: This species are found in the forest litter near water. The membranous dorsal surface of male aedeagus in this study is very softer compared to the hard regular form of aedeagus in this study.

적 요

한국산 *Diochini*족을 처음으로 기록한다. 이 족에는 1속 1종 (*Diochus japonicus* Cameron)만이 한국을 비롯하여 일본과 중국에 서식하고 있다.

검색어: 미기록종, 딱정벌레목, 반날개과, 한국.

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