

On the Genus *Diestrammena* with one Unrecorded Species in Korea (Stenopelmatidae, Orthoptera)

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韓國產 곱등이類에 關하여

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摘 要

지금까지 韓國產 곱등이類 昆蟲은 *D. apicalis* 와 *D. marmorata* 의 二種이 分布되어 있음이 밝혀져 있었으나 筆者가 1959年 8月, 光陵에서 採集한 直翅類를 整理한 結果 그 中 一種 *Diestrammena goliath* 가 韓國未記錄임이 밝혀졌으므로 發表하는 바이다.

Two species belonging to Genus *Diestrammena* have been so far reported in Korea.

In the following lines are presented a key and a description for one unrecorded species, *Diestrammena goliath*, collected by the author at Kwang Nung, Kyungki province (Aug. 1959).

Key to species of *Diestrammena*

- 1(2) Yellowish-brown with darkish marmorated (Middle tibiae; with 5 spines at apex, and 2 spines at two-thirds)..... *D. marmorata*
- 2(1) Not yellowish-brown without darkish marmorated.
- 3(4) Middle tibiae; with 2 spines at apex, and none spines at central, body blackish-brown but distish-yellow beneath..... *D. apicalis*
- 4(3) Middle tibiae; with 5 spines at apex and 2 spines at central, body darkish-brown with dark and light spots on the lower surface of hind femora *D. goliath*

1. *Diestrammena marmorata* de HAAN

Rhaphidophorus marmorata de HAAN, Bidji., P. 217(1842)

Diestrammena marmoratus BRUNNER, Monogr. d. Stenopel. und Gryllacr., P. 55(1888); S. Matsumura und T. Shiraki, Jour. Coll. Agr. Tohoku Imp. Univ., Vol. III, Pl. I, P. 78(1908); M. Hebard, Proc. Acad. Nat. Sci.

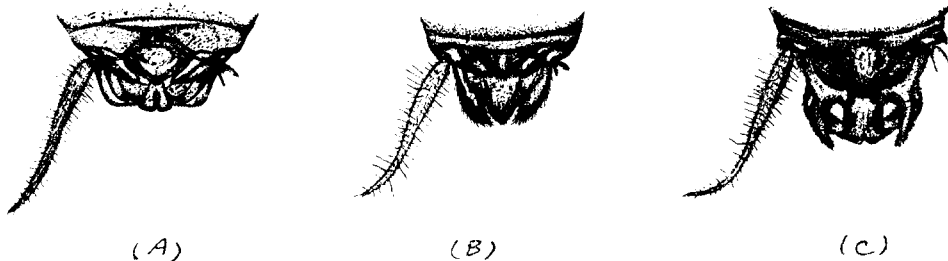


Fig. 1. Dorsal view of male genitalia
A. *D. marmorata* B. *D. apicalis* C. *D. goliath*

Philad., I, XX, VII, P. 146(1935); H. Doi, Jour. Chosen Nat. Hist. Soc. No. 15(1932); N. Kamijo, Jour. Chosen Nat. Hist. Soc. No. 16(1932); K. Haku, Jour. Chosen Nat. Hist. Soc. No. 22(1937).

Tachycines asymatorus, G. BEY-BIENKO, Ann. Mag. Nat. Hist., Ser. 10, Vol. IV, P. 542(1852); Adelung, N., Ann. Mus. Zool. Imp. Sci. St. PETERSB., VI, PP. 56-60(1902); L. Chopard, Bull. Mus. Hist. Nat. Paris, PP. 234-235(1914).

Diastrammena japonica, M. HEBARD, Proc. Acad. Nat. Sci. Philad., I, XX, VII, P. 146(1935); T. Shiraki, Icon. Ins. Jap., P. 42(1955); P. Cho, Humanities and Sci., Vol. IV, P. 168(1959).

Diastrammena unicolor, M. HEBARD, Proc. Acad. Nat. Sci. Philad., I, XX, VII, P. 146(1935).
Locality; Seoul, Palgong-san.

Distribution; Korea, Japan, China, Siberia, Europe.



Fig. 2. Ventral view of female genitalia.
A. *D. marmorata* B. *D. goliath*

2. *Diastrammena apicalis* BRUNNER von WATTENWYL

Diastrammena apicalis, BRUNNER von W., Monogr. d. Stenopel. und Gryllacr., P. 55(1888); S. Matsumura und T. Siraki, Jour. Coll. Agr. Tohoku Imp. Univ., Vol. IV, Pl. 1, P. 77(1908); H. Doi, Jour. Chosen Nat. Hist. Soc. No. 13(1932); N. Kamijo, Jour. Chosen Nat. Hist. No. 16(1933); P. Cho, Humanities and Sci., Vol. IV, P. 168(1959).

Locality; Seoul, Kwang-nung, Jikji-san, Sangju, Pyung-Yang.

Distribution; Korea, Japan, Siberia.

3. *Diastrammena goliath* BIENKO

Diastrammena goliath, G. BEY-BIENKO, Mag. Nat. Hist., Ser. 10. Vol. IV, P. 545(1929).

The examples agree well in characters with the original description, except the following points:

- (1) 8-10 spines on lower inner margin of hind femora (Type sp.; 11-12 spines).
- (2) 1 or none spines on outer margin of upper surface of hind femora (Type sp.; No spines).
- (3) 24-26 spines on the outer margin (Type sp.; 29-31) and 23-26 spines on the inner upper surface of hind tibiae (Type sp.; 26-27 spines).

Size large; darkish-brown or yellowish brown. Fastigium of the vertex divided into two well separated small conical tubercles. Antennae long and yellowish-brown.

Pronotum large; anterior margin subtruncate, posterior margin roundly projecting. Hind margin of the mesonotum also roundly projecting.

Ovipositor sword-like, cerci shorter than ovipositor, lyra-shaped. The apex of fore and middle femora with 2 spines. Fore and middle tibiae with 2 spines at central and two-thirds, and 5 spines at the apex. All spines of upper surface of hind tibiae are subequal in length, except one pair of decidedly larger spines on two-thirds portion.

Body length; 1♂; 22-24 mm.

Locality; Kwang-Nung.

Distribution; Korea, Japan.