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## Erotylidae from Korea (Insecta, Coleoptera) <sup>1), 2)</sup>

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Abstract. The specimens treated here are collected in our collecting trip under the Korea-Japan Co-operative Science Program on "The Evolution and Biogeography of the Insects in the East Asia" in 1991 and 1992. Four new subspecies, *Dacne (Dacne) fungorum nigrocephala*, *Aporotritoma arakii fuscocephala*, *Aporotritoma nigrovariegata intersecta* and *Tetratriplax inornata nigrocephala* will be described from the mainland of Korea, and 8 species are newly recorded from the country.

### DACNINI

#### **1. *Microsternus tokioensh* Nakane\***

*Microsternus tokioetzsisi* Nakane, 1961, Fragm. Col., Tokyo, 1: 5 (Japan: Hoshu).

Spec. exam.: 4 exs., Kwangnung, Pochon Gun, Kyonggi Do, Korea, 16-19. vii. 1992, M. T. Chûjô leg.

Gen. distr.: Korea (incl. Chejudo Island) & Japan (Honshu & Kyushu).

#### **2. *Dacne (Dacne) fungorum nigrocephala* subsp. nov.**

- 1) Results from the Korea-Japan Co-operative Science Program on "The Evolution and Biogeography of the Insects in the East Asia". No. 16.
- 2) Contribution from the Hikosan Biological Laboratory, Faculty of Agriculture, Kyushu University, Hikosan (Ser. 4, No. 8).

\* Asterisk shows the species has hitherto been unrecorded from mainland of Korea.

This new subspecies is closely related with nominate species, but is separated from the latter by the following character: head and thorax black.

Length: 3.2–4.0mm. Width: 1.4–1.8mm.

Holotype: male (preserved in the collection of C. E. Lee, Kyungpook Natio. Univ.), Jeonglyong Chi, Samnae Myeon, Namweon Gun, Jeongra-buk Do, Korea, 28. ix. 1991, M. T. Chûjô leg. Paratypes: male & female, Dooryu Dong, Joochun Myeon, Samchung Gun, Geonsang-nam Do, Korea, 25. ix. 1991, M. T. Chûjô leg. Paratopotype: female, same collecting data as holotype.

### 3. *Dacne (Dacne) picta* Crotch\*

**Dacrzepicta** Crotch, 1873, Ent. Monthl. Mag., 9: 188 (Japan proper).

Spec. exam.: 1 ex., Tam Ri, Whagae Myeon, Cheonla-nam Do, Korea, 17. vii. 1991, M. T. Chûjô leg.; 1 ex., loc. cit., 18. vii. 1991, M. T. Chûjô leg.

Gen. distr.: Korea, E. Siberia & Japan (Hokkaido, Honshu, Niijima Is., Shikoku, Kyushu & Nakanoshima Is.).

### 4. *Dacne (Dacne) zonaria* Lewis\*

**Dame** *zonaria* Lewis, 1887, Ann. Mag. Nat. Hist., [5], 20(115): 56 (Japan: Hokkaido & Honshu).

Spec. exam.: 1 ex., Dooryu Dong, Joochun Myeon, Samchung Gun, Gyeongsang Nam Do, Korea, 25. ix. 1991, M. T. Chûjô leg.; 17 exs., Kwangnung, Pochon Gun, Kyonggi Do, Korea, 14–19. v. 1992, M. T. Chûjô leg.; 1 ex., Bougmyeong Ri, Chunchon Gun, Kangweon Do, Korea, 21. vii. 1992, M. T. Chûjô leg.

Gen. distr.: Korea & Japan (Hokkaido, Honshu, Shikoku, Kyushu & Tsushima Is.).

### 5. *Episcapha (Episcapha) flavofasciata flavofasciata* Reitter

*Megalodacne flavofasciata* Reitter, 1879, Deutsche Ent. Zeitschr., 23: 223 (E. Siberia).

Spec. exam.: 4 exs., Samjeong Ri, Macheong Myeon, Hamyang Gun, Gyeongsang-nam Do, Korea, 29. ix. 1991, M. T. Chûjô leg.; 1 ex., Kwangnung, Pochon Gun, Kyonggi Do, Korea, 14–19. v. 1992, M. T. Chûjô leg.; 15 exs., Bougmyeong Ri, Chunchon Gun, Kangweon Do, Korea, 22–23. v. 1992, M. T. Chûjô leg.; 3 exs., Bougmyeong Ri, Chunchon Gun, Kangweon Do, Korea, 21. vii. 1992, M. T. Chûjô leg.

Gen. distr.: Korea (incl. Chejudo Island), E. Siberia, China & Japan (Hokkaido).

### 6. *Episcapha (Psiloscapa) morawitzi* (Solsky)

*Megalodacne morawitzi* Solsky, 1871, Horae Soc. Ent. Rossicae, 8: 266 (E. Siberia).

Spec. exam.: 16 exs., Kwangnung, Pochon Gun, Kyonggi Do, Korea, 1992, M. T. Chûjô leg.; **3 exs.**, loc. cit., 16–19. vii. 1992, M. T. Chûjô leg.

Gen. distr.: Korea (incl. Chejudo Island), N.-E. China, E. Siberia & Japan (Hokkaido, Honshu, Okinoshima Is., Shikoku, Kyushu, Tsushima Is. & Yakushima Is.).

### 7. *Megalodacne (Megalodacne) bellula* Lewis\*

**Megalodacne** *bellula* Lewis, 1883, Ent. Monthl. Mag., 20: 139 (Japan proper).

Spec. exam.: 75 exs., Kwangnung, Pochon Gun, Kyonggi Do, Korea, 14–19. v. 1992, M. T.

Chûjô leg.; 27 exs., loc. cit., 16-19. vii. 1992, M. T. Chûjô leg.

Gen. distr.: Korea & Japan (Hokkaido, Honshu, Shikoku & Kyushu).

#### ENCAUSTINI

##### 8. *Aulacochilus (Aulacochilus) luniferus decorates* Reitter

*Aulacochilus decoratus* Reitter, 1879, Deutsche Ent. Zeitschr., 23: 223 (E. Siberia).

Spec. exam.: 2 exs., Jeonglyeong, Chi, Samnae Myeon, Chenla-buk Do, Korea, 16. vii. 1991, M. T. Chûjô leg.; 1 ex., Dooryu Dong, Joochun Myeon, Samchung Gun, Gyeonsang-nam Do, Korea, 25. ix. 1991, M. T. Chûjô leg.; 8 exs., Naelyong Ri, Samnae Myeon, Bamweon Gun, Jeongra-buk Do, Korea, 26. ix. 1991, M. T. Chûjô leg.; 1 ex., Jeonglyeong Chi, Samnae Myeon, Namweon Gun, Jeongra-buk Do, Korea, 26. ix. 1991, M. T. Chûjô leg.; 7 exs., Kwangnung, Pochon Gun, Kyonggi Do, Korea, 16-19. vii. 1992, M. T. Chûjô leg.; 2 exs., Bougmyong Ri, Chunchon Gun, Kangweon Do, Korea, 21. vii. 1992, M. T. Chûjô leg.; 5 exs., Pupan Myeon, Hongcheong Gun, Kwangweon Do, Korea, 22. vii. 1992, M. T. Chûjô leg.

Gen. distr.: Korea (incl. Chejudo Is.), E. Siberia, China & Japan (Kyushu & Tsushima Is.).

#### TRIPLACINI

##### 9. *Aporotritoma arakii fuscocephala* subsp. nov.

This new subspecies is separated from the nominate species by the following characters; much larger in general size, haed dark red except for postero-median part, the postero-median part black.

Length: 4.1mm. Width: 1.4mm.

Holotype: male (preserved in the collection of Prof. C. E. Lee, Kyngpook Natio. Univ.), Jeon-lyeon Chi, Samnae Myeon, Chonla-buk Do, Korea, 16. vii. 1991, M. T. Chûjô leg.

Gen. distr.: Korea.

##### 10. *Aporotritoma consobrina* (Lewis)\*

*Cyrtotriplax consobrina* Lewis, 1894, Ent. Monthl. Mag., 11: 78-79 (S. Siberia).

Spec. exam.: 1 ex., Bougmyong Ri, Chunchon Gun, Kangweon Do, Korea, 21. vii. 1992, M. T. Chûjô leg.

Gen. distr.: Korea, S.-E. Siberia, Sachalin & Japan (Hokkaido, Honshu, Shikoku & Kyushu).

##### 11. *Aporotritoma nigrovariegata intersecta* subsp. nov.

This new subspecies is closely related with the nominate subspecies, but is easily distinguished from the latter by the following characters: elytral fascia is widely intersected in middle part, scutellum red only in central part.

Length: 3.8mm. Width: 2.3mm.

Holotype: male (preserved in the collection of Prof. C. E. Lee, Kyungpook Natio. Univ.), Jeonglyeon Chi, Samnae Myeon, Cheonla-buk Do, Korea, 16. vii. 1991, M. T. Chûjô leg.

Gen. distr.: Korea.

**12. *Triplax devia* Lewis\***

*Triplax devia* Lewis, 1887, Arm. Mag. Nat. Hist., [5], 20: (55) & 69 (Japan: Honshu & Kyushu).

Spec. exam.: 2 exs., Jeonglyeon Chi, Samnae Myeon, Cheonla-buk Do, Korea, 16. vii. 1991, M. T. Chūjō leg.

Gen. distr.: Korea & Japan (Hokkaido, Honshu, Shikoku & Kyushu).

**13. *Triplax japonica* Crotch\***

*Triplax japonica* Crotch, 1873, Ent. Monthl. Mag., 9: 189 (Japan).

Spec. exam.: 31 exs., Dooryu Dong, Joochun Myeon, Samchung Gun, Gyeongsang-nam Do, Korea, 25. ix. 1991, M. T. Chūjō leg.

Gen. distr.: Korea, Sachalin & Japan (Hokkaido, Honshu, Shikoku & Kyushu).

**14. *Triplax sibirica connectens* (Lewis)**

*Cyrtotriplax connectens* Lewis, 1887, Ann. Mag. Nat. Hist., [6], 20(115): 68 (Japan: Honshu).

Spec. exam.: 1 ex., Dooryu Dong, Joochun Myeon, Samchung Gun, Gyeongsang-nam Do, Korea, 25. ix. 1991, M. T. Chūjō leg.

Gen. distr.: Korea, N.-E. & N. China, E. Siberia & Japan (Hokkaido, Honshu, Shikoku, Kyushu, Tanegashima Is. & Yakushima Is.).

**15. *Neotriplax lewisi* (Crotch)\***

*Cyrtotriplax lewisi* Crotch, 1873, Ent. Monthl. Mag., 9: 189 (Japan: Kyushu).

Spec. exam.: 4 exs., Naelyong Ri, Samnae Myeon, Namweon Gun, Jeongra-buk Do, Korea, 26. ix. 1991, M. T. Chūjō leg.; 4 exs., Samjeong Ri, Macheong Myeon, Hamyang Gun, Gyeongsang-nam Do, Korea, 29. ix. 1991, M. T. Chūjō leg.

Gen. distr.: Korea & Japan (Honshu, Shikoku & Kyushu).

**16. *Pselaphandra inornata atrocephala* subsp. nov.**

This new subspecies is closely related with the nominate species, but is easily separated from the latter by the following characters: much larger in genaral size, head black to blackish brown, ultimate segment of maxillary plape about 5 times as wide as long.

Length: 4.1–6.5mm. Width: 2.1–3.5mm.

Holotype: male (preserved in the collection of Prof. C. E. Lee, Kyungpook Natio. Univ.), Dooryu Dong, Joochun Myeon, Samchun Gun, Gyeonsam-nam Do, Korea, 25. ix. 1991, M. T. Chūjō leg. Paratopotypes: 21 males & 20 females, same collecting data as holotype. Paratypes: male & 6 females, Kwangnung, Pochon Gun, Kyonggi Do, Korea, 14-19. v. 1992, M. T. Chūjō leg.

Distr.: Korea.

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## EXPLANATION OF PLATE 1

- A. *Microsfernus tokioensis* Nakane
- B. *Dacne (Dacne) picta* Crotch
- C. *Dacne (Dacne) fungorum nigrocephara* subsp. nov.
- D. ditto
- E. *Dacne (Dacne) zonaria* Lewis
- F. *Episcapha (Episcapha) flavofasciata flavofasciata* Reitter
- G. *Megalodacne (Megalodacne) bellula* Lewis
- H. *Episcapha (Psiloscapa) morawitzi* (Solsky)

## EXPLANATION OF PLATE 2

- A. *Aporotritoma arakii fuscocephara* subsp. nov.
- B. *Aporotritoma nigrovariegata intersecta* subsp. nov.
- C. *Triplax devia* Lewis
- D. *Aporotritoma consobrina* (Lewis)
- E. *Triplax sibirica connectens* (Lewis)
- F. *Triplax japonica* Crotch
- G. *Pselaphandra inornata atrocephara* subsp. nov.
- H. *Neotriplax lewisi* (Crotch)
- I. *Aulacochilus (Aulacochilus) luniferus decoratus* Reitter



## PLATE 1

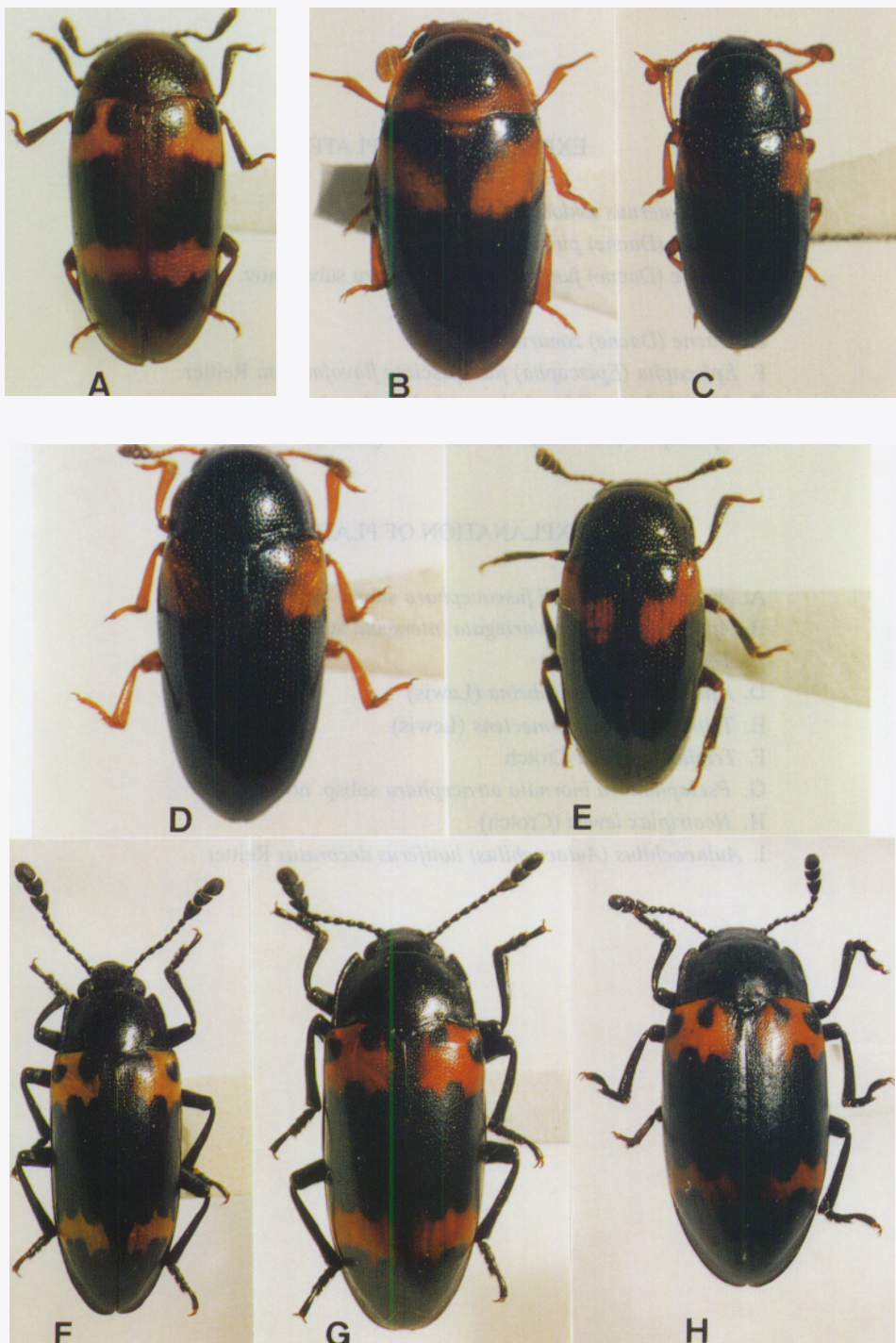
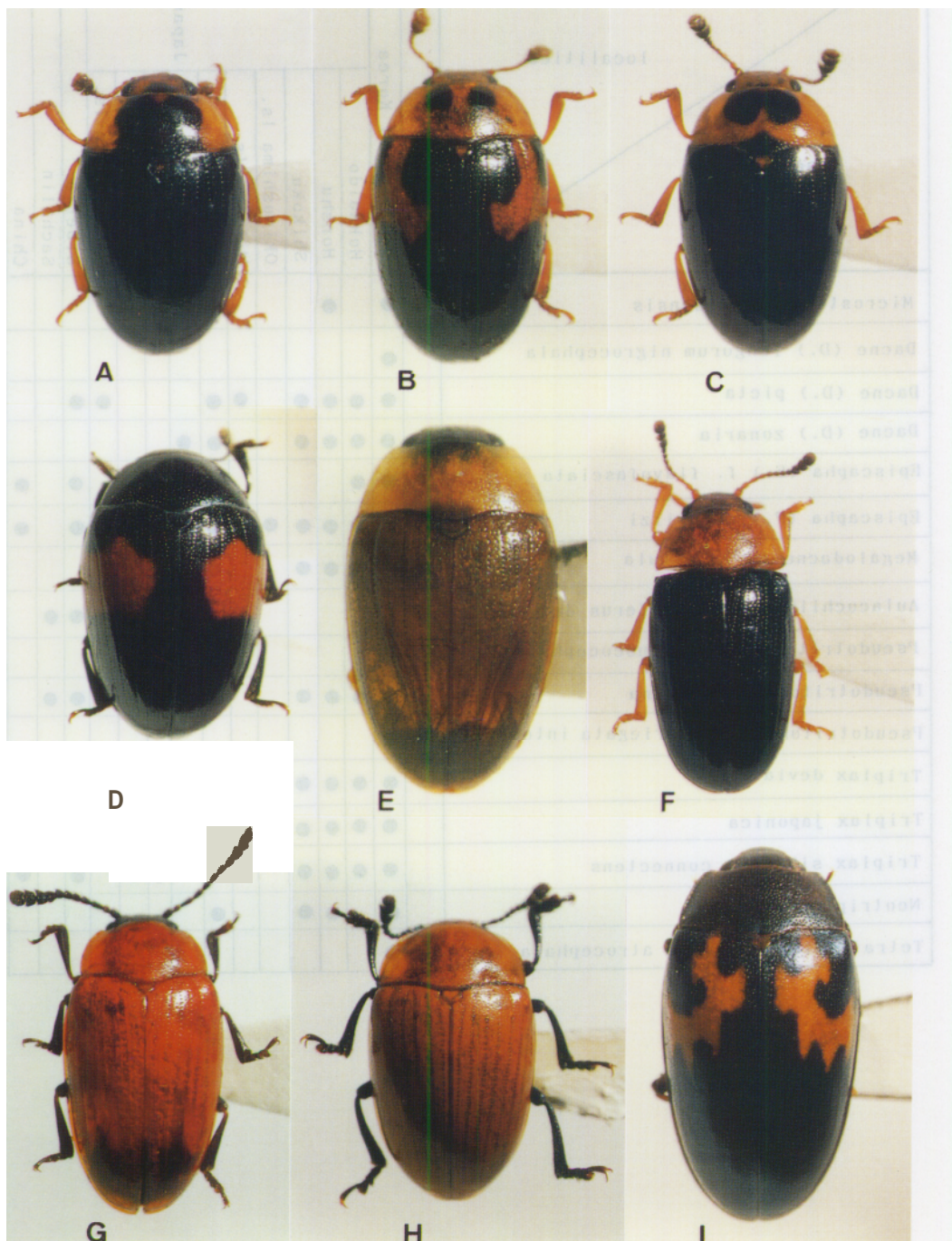


PLATE 2



[illegible]