

## A Record of the Family Agyrtidae (Coleoptera) from South Korea

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## A Record of the Family Agyrtidae (Coleoptera) from South Korea<sup>1), 2)</sup>

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Mroczkowski (1966) described a silphid species, *Garytes coreanus* as a new genus and a new species from North Korea. Lafer (1989) reported this species from Primorskii, Russia and treated the genus *Garytes* as a subgenus of the genus *Apteroloma* belonging to Pterolominae, Silphidae. Recently, Schawaller (1991) concluded that *Gurytes coreanus* is a synonym of *Apterolomu potanini* (Semenow). The family Agyrtidae and this species is recorded from South Korea for the first time.

Family Agyrtidae Thomson

*Apteroloma pofanini* (Semenow)  
(Figs. A-B)

*Pteroloma potanini* Semenow, 1893, Horae Soc. ent. Ross., 27: 336; Schawaller, 1978, Senckenbergiana, biol., 58(3/4): 184.

*Apterolomu kozlovi* Semenow & Znoiko, 1932, C. R. Acad. Sci. URSS., 10: 341; Schawaller, 1978, Senckenbergiana, biol., 58(3/4): 184; Schawaller, 1991, Stuttg. Beitr. Naturkd., Ser. A (Biol.), (468): 16 (= *potanini*).

*Garytes coreanus* Mroczkowski, 1966, Ann. Zool., Warszawa, 23(16): 434; Schawaller, 1980, Folia entomol. Hung., 33(1): 151; Schawaller, 1991, Stuttg. Beitr. Naturkd., Ser. A (Biol.), (468): 16 (= *potanini*).

*Apterolomu coreanum*: Lafer, 1989, Silph. In Keys Ident. Ins. Russ. Far East, Vol. 3, Col., Part 1: 34.

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- 1) Results from the Korea-Japan Co-operative Science Program on "The Evolution and Biogeography of the Insects in the East Asia". No. 12.
  - 2) Contribution from the Entomological Laboratory, Faculty of Agriculture, Kyushu University, Fukuoka (Ser. 4, No. 46).

*Apteroloma potanini*: Schawaller, 1991, Stuttg. Beitr. Naturkd., Ser. A (Biol.), (468): 16.

Distribution. South Korea, North Korea, China (Tibet) and Russia (Primorskii).

Specimens examined. 3 females, Chuncheon, Kangweon Do, 17. v. 1984, K. Morimoto leg.; 4 males, PupanMyeon, Hongcheon Gun, Kangweon Do, 20. v. 1992, S. Nomura leg.; 8 males 3 females, Samjeong Ri, MacheonMyeon, Cheonla-buk Do, 9. v. 1991, S. Nomura leg.

Remarks. This species is closely allied to *Pteroloma discicolle* Lewis as disappointed by Schawaller, 1985, but is easily distinguished by the anteriorly projected pronotum on both sides and the broad and ovoid elytra. The male of this species (Fig. A) is different from the female (Fig. B) by the thickened basal segments of the fore tarsi.

Biological notes. This species was collected from the underside of the stone on the sandy liver-bank at Samjeong Ri, near Mt. Chili-San, and captured by the bate trap using decayed meat.

#### REFERENCES

- Lafer, G. S., 1989. Silphidae, In Ler, P. A. ed., Keys to the identification of the Russian Far East., vol. 3, Coleoptera, part 1: 329-344.
- Mroczkowski, M., 1966. Contribution to the knowledge of Silphidae and Dermestidae of Korea (Coleoptera). *Ann. zool. Warszawa*, 23(16): 433-443.
- Schawaller, W., 1980. Faunistische und systematische Daten zur Silphiden-Fauna Koreas (Coleoptera, Silphidae). *Folia entomol. Hung.*, 33(1): 151-154.
- 1985. The genus *Pteroloma* Gyllenhal 1827 in Japan (Coleoptera: Agyrtidae). *Stuttg. Beitr. Naturkd., Set: A (Biol.)*, (377): 1-6.
- 1991. Agyrtidae (Coleoptera) aus dem Himalaya und den angrenzenden Gebieten. *ibid*, (468): 1-22.

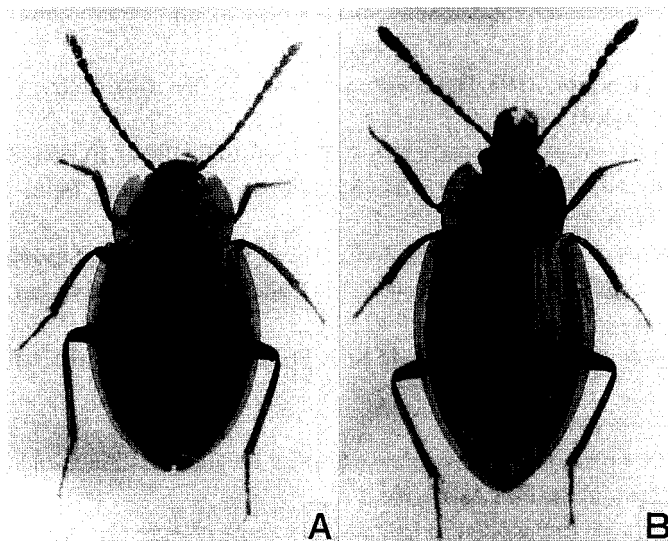


Fig. A: Dorsal aspect of *Apteroloma potanini* (Semenov), male, B: ditto, female