

A new *Promalactis* species from Korea

(Lepidoptera, Oecophoridae)

K. T. Park

원뿔나방科(改稱)의 1新種

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摘 要

新種 *Promalactis odaiensis* n. sp. (솔피원뿔나방 : 蛾)의 기재. *Promalactis*屬은 주로 東洋區에 分布하고 있으며 우리나라에서는 현재까지 보고된 종이 없다. 그러나 최근 필자의 조사로 5~6種이 확인되었으며 그 1種을 新種으로 우선 발표한다. 또한 Oecophoridae 한국동물명집, 곤충권(1968)에 원무늬앞말이 나방으로 되어있으나, 뿔나방상과(Gelechioidea)에 속함으로 원뿔나방科로 改稱한다.

Promalactis odaiensis n. sp.

♂우 : 11-13mm. Head bronzy-fuscous, roughly mottled with silvery-white hairs; thorax dark goldish-brown. Second segment of labial palpi ochreous, third segment dark brown with whitish tip. Tarsae four fifth of forewing, white ringed black; scape especially shining white.

Forewing orange; markings snow-white, edged black scales; a slender oblique streak above base of dorsum, secondary streak curved like sickle shape from base of cell; a white triangular oblique band from costa reaching half across the wing, edged black scales posteriorly; a medium break oblique, nearly reaching half across the wing and a triangular, followed by black scaled streak;

a large whitish apical spot divided into two rooms, edged black scales. Cilia orange. Hindwing and cilia grey.

Male genitalia: as shown in Fig. 1 : 1-3.

Uncus slender, bent, slightly pointed apically. Saccus weakly developed. Gnathos rounded semi-ovate. Valva moderate, not abundantly covered with hairs, somewhat protruded at two third of costa, with triangular overlapped area from two third to apical. Saccus well defined, slender moderately sclerotized, slightly pointed apically; clasper absent. Saccus very long, one and a half of valva. Aedeagus long, slightly longer than the length of genitalia, nearly straight, with well sclerotized small projection at tip, a single slender cornutus in versica.

Female genitalia: as shown in Fig. 1 : 4.

Papillae analis moderate, slightly elongate; lamella vaginalis well sclerotized, trapezoidal. Ductus bursae long slender, sclerotized except for a roundly dilated, membranous section near middle, with numerous small strong teeth in the dilated membranous portion. Bursae copulatrix small, oval, with two series of the characterized signa.

Notes: This new species superficially related to *jezonica* Matsumura which was originally described from Japan, but it is distinct from the later by the following points;

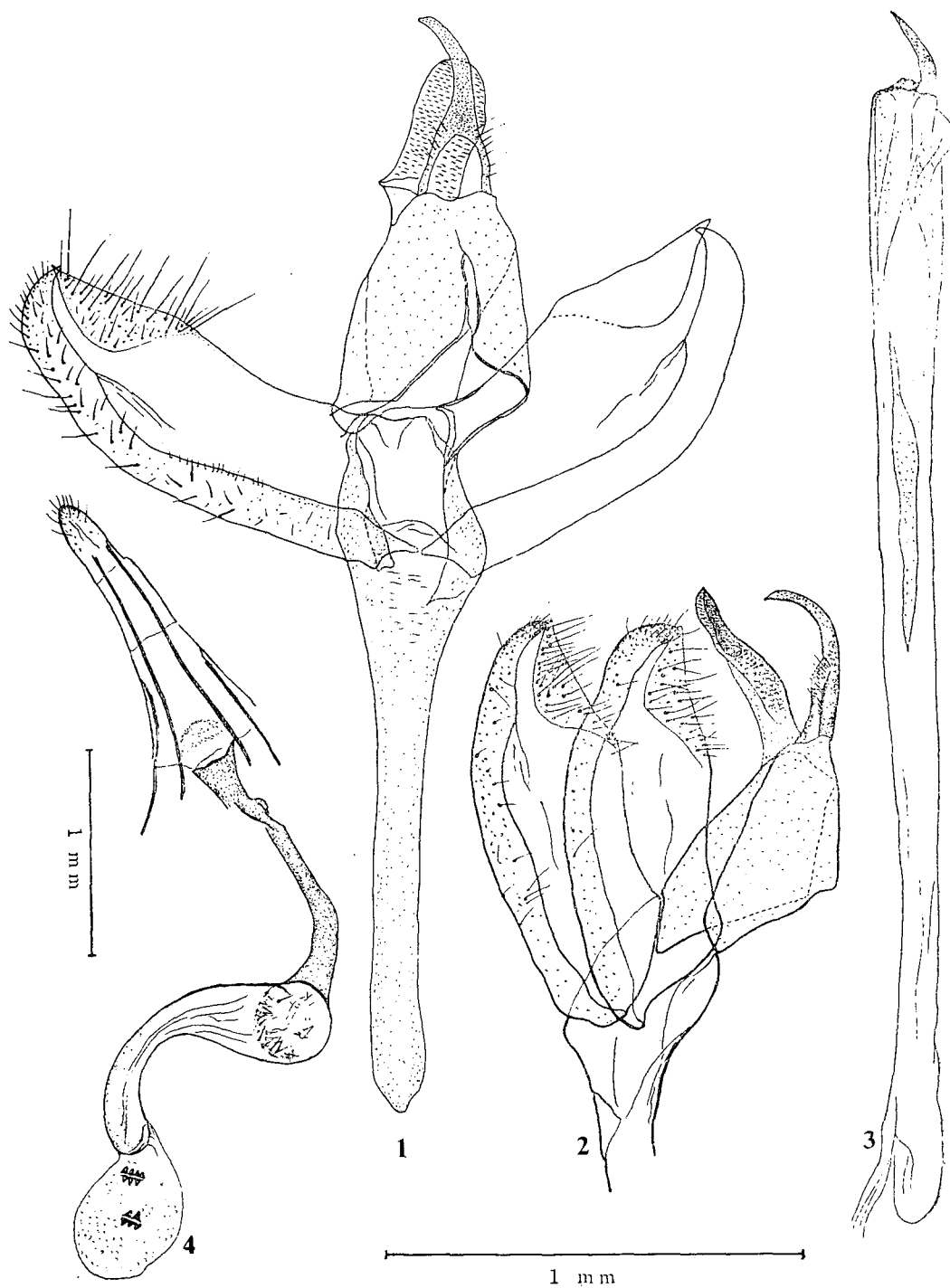


Fig. 1. *Promalactis odaiensis* Park n. sp.

1. Male genitalia, ventral view
2. Male genitalia, lateral view
3. Aedeagus
4. Female genitalia

	<i>P. odaiensis</i> n. sp.	<i>P. jezonica</i> Mats
Head	bronzy-fuscos mixed white silvery-white hairs	shining white
Forewing:		
1) secondary streake	sickle-shape, starts from near the base of cell and curved.	nearly oblique from beneath costa
2) triangular blotch	with dense black scales posteriorly	evenly white
3) apical spot	divided into 2 rooms	divided 4-5 small rooms

Holotype: ♂, Mt. Cheongyae, near Suweon, Korea, 19. VIII. 1976(K.T.Park)

Paratypes: 1♀, Mt. Odae, Gangweon Province, Korea, 12. IX. 1976(J.S. So)

1♂, Mt. Deogyu, near Muju, Korea, 13. VIII. 1975(K.T.Park)

2♂♂, Same localities and dates as holotype(K.T.Park)

1♂, Mt. Cheongyae, near Suweon, Korea, IV. 1973(J.C. Paik)

However, the genital character is quite different by writer.
 which other as shown Fig. 1 : 1-4.

A pupae of this species was collected under the
 bark of pine tree in Suweon on 1st April, 1973

All type specimens are deposited in the Dept. of
 Entomology, Institute of Agricultural Sciences, Office
 of Rural Development in Suweon, Korea.