A new Promalactis species from Korea
(Lepidoptera, Oecophoridae)

K. T. Park

원풀나방과의 1新種

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摘 要

新種 Promalactis odaiensis n. sp. (울주원풀나방 : ?????)의 기재. Promalactis는 수르과 동양권에 분포하여 우리나라에서는 현재까지 보고된 종이 없다. 이에 귀금 업자의 조사로 5-6종이 확인되었으며 그 중 1종을 새롭게 우선 발표한다. 또한 Oecophoridae 한국동물명집, 곤충전(1968)에 원풀나방과는 나방과로 씌어있으나, 원풀나방과(Gelechioidea)에 속함으로 원풀나방과로 개정한다.

Promalactis odaiensis n. sp.

♀: 11-13mm. Head bronzy-fuscous, roughly mid-gray with silvery-white hairs; thorax dark goldish-charge. Second segment of labial palpi ochreous, minal segment dark brown with whitish tip. tennae four fifth of forewing, white ringed ck; scape especially shining white.

Forewing orange: markings snow-white, edged black scales; a slender oblique streak above base dorsum, secondary streak curved like sickle shape m above the cell; a white triangular oblique b.;n: from costa reaching half across the wing, ed black scales posteriorly; a medium break o-με, nearly reaching half across the wing and t triangularly, 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. Sc-occii 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. Sacculus 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 sclerender, 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 signs.

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:

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Fig. 1. *Promalactis odaensis* Park n. sp.
1. Male genitalia, ventral view
2. Male genitalia, lateral view
3. Aedeagus
4. Female genitalia
<table>
<thead>
<tr>
<th>Head</th>
<th>bronzy-fuscous mixed white silvery-white hairs</th>
<th>shining white</th>
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<tr>
<td>Forewing:</td>
<td></td>
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<tr>
<td>1) secondary streake</td>
<td>sickle-shape, starts from near the base of cell\n and curved.</td>
<td>nearly oblique from beneath costa</td>
</tr>
<tr>
<td>2) triangular blotch</td>
<td>with dense black scales posteriorly</td>
<td>evenly white</td>
</tr>
<tr>
<td>3) apical spot</td>
<td>divided into 2 rooms</td>
<td>divided 4-5 small rooms</td>
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Holotype: ♂, Mt. Cheongyae, near Suweon, Korea, 19. VIII. 1976 (K.T.Park)
Paratypes: 1♀, Mt. Odae, Gangwon 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, VII. 1973 (J.C. Paik)

However, the genital character is quite different from each 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 by writer.

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