

Trogozitidae, Languriidae, Tenebrionidae and  
Alleculidae from Korea (incl. Chejudo Is.)  
(Coleoptera)

Chujo, Michitaka

Lee, Chang Eon

<https://doi.org/10.5109/2574>

---

出版情報 : ESAKIA. 34, pp.187-193, 1994-03-24. Entomological Laboratory, Faculty of  
Agriculture, Kyushu University

バージョン :

権利関係 :

## Trogositidae, Languriidae, Tenebrionidae and Alleculidae from Korea (incl. Chejudo Is.)(Coleoptera)<sup>1), 2)</sup>

Michitaka CHŪJŌ

Hikosan Biological Laboratory, Faculty of Agriculture,  
Kyushu University, Hikosan, Fukuoka 824-07

and

Chang Eon LEE

Department of Biology, College of Natural Science, Kyungpook  
National University, Taegu, 702-701 Korea

**Abstract.** Two species of Trogositidae, five species of Tenebrionidae and five species of Alleculidae are newly added to the Korean coleopterous fauna.

### TROGOSITIDAE

#### Leperinae

##### 1. *Leperina squamulosa* Gebler

*Leperina squamulosa* Gebler, 1830, Ledebours Reise, 2: 97 (E. Siberia).

**Spec. exam.:** 1 ex. (light trap), Naelyeong-Ri, Samnae Myeon, Cheonla-buk do, S-Korea, 13. vii. 1991, M. T. Chŭjŏ leg.; 1 ex., Kwang Nung, Pochon-gun, Kyonggi-do, Korea, 14-19. v. 1992, M. T. Chŭjŏ leg.

**Gen. distr.:** Korea\*; Japan (Hokkaido & Honshu), E-N. China, Mongolia & E. Siberia.

- 
- 1) Results from the Korea-Japan Co-operative Science Program on "The Evolution and Biogeography of the Insects in the East Asia, No. 20.
  - 2) Contribution from the Hikosan Biological Laboratory, Faculty of Agriculture, Kyushu University (Ser. 4. No. 11).

\* Asterisk shows the species which has hitherto been unrecorded from mainland of Korea and Chejudo Is.

## Ostominae

2. *Thymalus parviceps* Lewis

*Thymalus parviceps* Lewis, 1894, Ent. Monthl. Mag., (2) 5, 30: 33-34 (Japan: Honshu).

**Spec. exam.:** 2 exs., Younsil, Mt. Hallasan, Chejudo, Korea, 24. vii. 1990, M. T. Chûjô leg.; 13 exs., Orimok, Mt. Hallasan, Chejudo, Korea, 27. vii. 1990, M. T. Chûjô leg.; 5 exs., JeongLyong Chy, SanNae Meon, NamWeon Gun, Jeong Ra Bug do, Korea, 28. ix. 1991, M. T. Chûjô leg.; 3 exs., Kwang Nung, Pochon-gun, Kyonggi-do, Korea, 14-19. v. 1992, M. T. Chûjô leg.; 1 ex., GamJong-ri, ChunChon-gun, KangWon-do, Korea, 21. v. 1992, M. T. Chûjô leg.; 1 ex., Boug-Myong-ri, ChunChon-gun, KangWon-do, Korea, 22-23. v. 1992, M. T. Chûjô leg.; 1 ex., Boug-Myong-ri, ChunChon-gun, KangWon-do, Korea, 21. vii. 1992, M. T. Chûjô leg.; 5 exs., Kwang Nung, Pochon-gun, Kyonggi-do, Korea, 16-19. vii. 1992, M. T. Chûjô leg.; 8 exs., Yongshil-Orimok, Mt. Halla, Chejudo, Korea, 23. vii. 1993, M. T. Chûjô leg.; 28 exs., Kwanum Temple, Chejudo, Korea, 2.5. vii. 1993, M. T. Chûjô leg.

**Gen. distr.:** Korea\*(incl. Chejudo Is.\*); Japan (Hokkaido, Honshu, Shikoku & Kyushu) & Sakhalien.

## LANGURIIDAE

1. *Tetralanguria collaris* (Crotch)

*Pachylanguria collaris* Crotch, 1876, Cist. Ent., 1: 377 (India).

**Spec. exam.:** 9 exs., Kwang Nung, Pochon-gun, Kyonggi-do, Korea, 17. v. 1992, K. Morimoto leg.

**Gen. distr.:** Korea; Japan (Ryukyus), Formosa, China, India, Indochina & Tibet.

## TENEBRIONIDAE

## Pedinini

1. *Pedinus (Blindus) strigosus* Faldermann

*Pedinus strigosus* Faldermann, 1835, Mém. Acad. St. Pétersb. sav. étr., 2: 410 (China).

**Spec. exam.:** 1 ex., SamJeong-li, MaCheong-meon, Gyeongsam Nam-do, Korea, 11. v. 1991, S. Nomura leg.; 1 ex., SamJeong-li, MaCheong-meon, GyeongSam Nam-do, Korea, 1.5. v. 1991, S. Nomura leg.

**Gen. distr.:** Korea proper; Japan (Tsushima Is.), Siberia, Mongolia & N. China.

## Opatrini

**2. *Gonocephalum coriaceum* Motschulsky**

*Gonocephalum coriaceum* Motschulsky, 1857, Étud. Ent., 6: 34 (Japan).

**Spec. exam.:** 2 exs., Dae Chong, Boryeong Gun, Korea, 8 & 9. vi. 1983, K. Morimoto leg.

**Gen. distr.:** Korea proper; Japan proper, Siberia, China, Formosa, Nepal, S-E. Asia, Micronesia, Samoa Is., Irian Jaya, Africa, Madagascar & Australia.

## Diaperini

**3. *Platydema recticome* Lewis**

*Platydema recticorne* Lewis, 1894, Ann. Mag. Nat. Hist., [6], 13(77): 394-395 (Japan: Honshu).

**Spec. exam.:** 10 exs., Kwanum Temple, Chejudo City, Chejudo, Korea, 25. vii. 1993, M. T.

**Chûjô** leg.

**Gen. distr.:** Korea (Chejudo Is.\*); Japan (Honshu, Shikoku, Kyushu, Tanegashima Is., Yakushima Is., Nakanoshima Is. & Iriomotejima Is.).

**4. *Platydema subfascia subfascia* (Walker)**

*Alphitophagus subfascia* Walker, 1858, Ann. Mag. Nat. Hist., [3], 2(10): 284 (Ceylon).

**Spec. exam.:** 2 exs., Kwangnyong-ri, Aewol-up, Chejudo Is., Korea, 22. vii. 1993, M. T.

**Chûjô** leg.

**Gen. distr.:** Korea (incl. Chejudo Is.\*); Japan proper (excl. Yaeyama Isls.), Formosa, Indochina, Burma, India, Sri Lanka, Borneo, Sumatra, Malacca, Mentawai, Java & Madagascar).

## Helopini

**5. *Tarpela cordicollis* (Marseul)**

*Helops cordicollis* Marseul, 1876, Ann. Soc. Ent. France, (5) 6: 141-142 (Japan: Kyushu).

**Spec. exam.:** 1 ex., HongCheon, GanWeon do, Korea, 18 & 19. v. 1984, K. Morimoto leg.

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

## Heterotarsini

**6. *Anaedus mroczkowskii* Kaszab**

*Anaedus mroczkowskii* Kaszab, 1968, Ann. Zool. Warszawa, 26(2):10-11 (N. Korea).

**Spec. exam.:** 1 ex., Kwang Nung, Pochon-gun, Kyonggi-do, Korea, 14-19. v. 1992, S. Nomura leg.; 1 ex., BougMyong-ri, ChunChon-gun, KwangWeon-do, Korea, 22-23. v. 1992, S. Nomura leg.

**Gen. distr.:** Korea\*(incl. Chejudo Is.) & N. Korea.

**7. *Luprops cribrifrons* Marseul**

*Luprops cribrifrons* Marseul, 1876, Ann. Soc. Ent. France, (5) 6: 125-126 (Japan: Kyushu &

Honshu).

**Spec. exam.:** 8 exs., KwangNyong-ri, Aewol-up, Cheju City, Chejudo, Korea, 22. vii. 1993, M. T. Chŭjŏ leg.

**Gen. distr.:** Korea (Chejudo Is\*); Japan (Honshu, Shikoku, Kyushu, Tsushima Is. & Goto Isls.), Formosa & Indochina.

## ALLECULIDAE

### Alleculinae

#### 1. *Allecula melanaria* Mäklin

*Allecula melanaria* Mäklin, 1875, Acta Soc. Fennica, 10: 669(519) (Japan).

**Spec. exam.:** 8 exs., NaeLyon Ri, SamNae Meon, NamWeong Gun, JeongRa Bug do, Korea, 26. ix. 1991, M. T. Chŭjŏ leg.; 3 exs., SamJeong Ri, MaCheong Meon, HamYang Gun, GyeongSang Nam do, Korea, 29. ix. 1991, M. T. Chŭjŏ leg.

**Gen. distr.:** Korea\*; Japan (Hokkaido, Honshu, Shikoku, Kyushu & Ishigakijima Is.).

#### 2. *Allecula noctivaga* Lewis

*Allecula noctivaga* Lewis, 1895, Ann. Mag. Nat. Hist., [6], 15(87): 251 (Japan: Honshu).

**Spec. exam.:** 1 ex., BougMyong-ri, ChunChon-gun, KangWeon-do, Korea, 23. vii. 1992, M. T. Chŭjŏ leg.

**Gen. distr.:** Korea\* & Japan (Honshu & Tsushima Is.).

#### 3. *Borboresthes acicularis* (Marseul)

*Allecula acicularis* Marseul, 1876, Ann. Soc. Ent. France, (5) 6: 325-326 (Japan: Honshu).

**Spec. exam.:** 2 exs. (malaise trap), Mt. Hallasan, Yongshil, Chejudo Is., Korea, 24-27. vii. 1990, K. Morimoto leg.; 1 ex., Naelyong Ri, Cheonla-buk do, S-Korea, 13. vii. 1991, M. T. Chŭjŏ leg.; 1 ex., DooRyu Dong, JooChun Meon, Sam-Chung Gun, Gyeong Sang Nam do, Korea, 25. ix. 1991, M. T. Chŭjŏ leg.; 2 exs., Kwang Nung, Pochon-gun, Kyonggi-do, Korea, 16-19. vii. 1992, M. T. Chŭjŏ leg.; 2 exs., Boug-Myong-ri, ChunChon-gun, KangWeon-do, Korea, 21. vi. 1992, M. T. Chŭjŏ leg.

**Gen. distr.:** Korea\*(Chejudo Is.\*) & Japan (Honshu, Shikoku, Kyushu & Tsushima Is.).

#### 4. *Hymenalia rujipennis* (Marseul)

*Cistela (Gonodera) rujipennis* Marseul, 1876, Ann. Soc. Ent. France, (5) 6: 328-329 (Japan: Honshu & Kyushu).

**Spec. exam.:** 1 ex., Naelyong Ri, Samnae Myeon, Cheonla-buk do, S-Korea, 13. vii. 1991, M. T. Chŭjŏ leg.; 2 exs., Sam-jeong Ri, MaCheon Myeon, Cheonla-buk-do, S-Korea, 14. vii. 1991, M. T. Chŭjŏ leg.

**Gen. distr.:** Korea\*; Japan (Honshu, Shikoku & Kyushu), Siberia & Formosa.

5. *Hymenalia unicolor* Nakane

*Hymenalia unicolor* Nakane, 1963, *Fragm. Col.*, Tokyo, (7): 30 (Japan: Honshu).

**Spec. exam.:** 2 exs., Naelyong Ri, Samnae Myeon, Cheonla-buk do, S-Korea, 14. vii. 1991, M. T. Chûjô leg.; 5 exs., Samjeong Ri, MaCheon Myeon, Cheonla-buk do, S-Korea, 14. vii. 1991, M. T. Chûjô leg.

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

#### ACKNOWLEDGEMENTS

We are very grateful to Director General Jae Myeong Jo' of Forest Research Institution, Korea and Director Seung Kul Park of Chung-bu Forest Experiment Station, Korea for their various help to our collecting trip under the Korea-Japan Co-operative Science Program on "The Evolution and Biogeography of the Insects on the East Asia. And also, we express our cordial thanks to Prof. Dr. Chang Young Lee and Dr. Jong Kuk Kim, Kwangweon National University, Korea for their miscellaneous help through our collecting trip.

We wish to express our appreciation to Prof. Dr. K. Morimoto, Entomological Laboratory of Kyushu University for his continual kind and valuable guidance. And we are thankful to Assoc. Prof. Dr. O. Tadauchi and Assist. Prof. S. Nomura of Entomological Laboratory of Kyushu University for their various co-operation for this work.

#### REFERENCES

- Cho, P. S., 1957. A Systematic Catalogue of Korean Coleoptera. *Humanities and Sciences, Korea University* 2: 173-326 (In Korean).
- 1963, 4. Insects of Qulpeart Island (Cheju-do). *Humanities and Sciences, Korea University*, 6: 159-242 (In Korean).
- Chûjô, M. T. et al., 1992. Nitidulidae from Chejudo Island. *Esakia, Kyushu Univ. Publ. Ent.*, (32): 19-24, 9 figs.
- 1992. Tenebrionidae from Chejudo Island, Korea (Insecta Coleoptera). *ibid.*, 31-46, 11 figs.
- 1993. Korean Tenebrionidae (Insecta, Coleoptera). *Esakia, Kyushu Univ. Publ. Ent.*, (33): 109-122, 12 figs.
- Crotch, G. R., 1876. A revision of the coleopterous family Erotylidae. *Cistula Ent.*, 1: 377-572.
- Kaszab, Z., 1952. Die indomalaischen und ostasiatischen Arten der Gattung *Gonocephalum* Solier (Coleoptera, Tenebrionidae). *Ent. Arb. Mus. G. Frey*, 3 (2): 1-688, 511 figs.
- 1968. Tenebrionidae und Meloidae (Coleoptera) aus Nord-Korea, gesammelt von M. Mroczkowski und A. Riedel im Jahre 1965. *Ann. Zool., Warszawa*, 26 (2): 7-14.
- Lee, Y. I. et al., 1985. Insect fauna of Mt. Halla. *Rep. Acad. Surv., Hallasan (Mt.) Nat. Pres., Cheju-*

**do, Korea : 351-455.**

- Lewis, G., 1894. On the Tenebrionidae of Japan. *Ann. Mag. Nat. Hist.*, [6], 13 (77): 377-484, 1 pl., 16 figs.
- 1894. On new species of Trogoitidae from Japan. *Ent. Monthl. Mag.*, [2]5, 30: 32-34.
- 1895. On the Cistelidae and other Heteromerous species of Japan. *Ann. Mag. Nat. Hist.*, [6], 15 (87): 250-279, 1 pl. 12 figs.
- Marseul, M. S.-A., 1876. Coleopteres du Japon recueillis par H. George Lewis. *Ann. Soc. Ent. France*, (5) 6: 219-486.
- Medvedev, G. S., 1992. Key to the identification of insects of the Soviet Far East. III. Coleoptera. 704 pp., 314 figs.
- Nakane, T., 1963. New or little known Coleoptera from Japan and its adjacent regions. *Fragm. Col. Tokyo*, (7): 30.
- Okamoto, H., 1924. The insect fauna of Quelpart Island (Saishu-to). *Bull. Agr. Exper. Stat., Gov.-Gener. Chosen*, 1 (2): 233pp., 10 pls.
- Seok, D. M., 1970. The Insect Fauna of the Is. Quelpart. Boo Sin Sai K. K., Seoul, 186 pp.

**Explanation of Plate I**

1. *Leperina squamulosa* Gebler . . Length: 13.7mm.
2. *Thymalus parviceps* Lewis . . L.: 6.1mm.
3. *Tetralanguria collaris* (Crotch) . L.: 14.6mm.
4. *Platydema recticorne* Lewis . . L.: 4.4mm.
5. *Platydema subfascia subfascia* (Walker) . L.: 4.4mm.
6. *Allecula melanaria* Mäklin . L.: 10.2mm.
7. *Allecula noctivaga* Lewis . . L.: 9.8mm.
8. *Borboresthes acicularis* (Marseul) . L.: 6.6mm.
9. *Hymenalia rufipennis* (Marseul) . . L.: 6.1mm.
10. *Hymenalia unicolor* Nakane . . L.: 6.8mm.
11. *Luprops cribrifrons* Marseul L.: 8.0mm.

PLATE 1

