

## Additional Records of Insects Collected during the Biological Expedition to the Northern Mariana Islands, Micronesia, in 1992

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**Abstract** One species of acridid locust, *Valanga excavata* (Stål), and three species of chrysomelid beetles, *Phytorus lineatus* Weise, *Chaetocnema (Tlanoma)* sp. and *Cassida (Taiwania) circumdata* Herbst, were added to the list of insects collected during the biological expedition to the northern Mariana Islands, Micronesia, in 1992.

**Key words:** beetle, insect, locust, northern Mariana Islands.

In the previous paper (Miyano, 1994), I recorded 274 insect species (164 identified at species level, 70 at generic, and 40 at family) from the northern Mariana Islands, Micronesia. I add here one species of acridid locust and three species of chrysomelid beetles, which were identified by Dr. G. Ito and Y. Komiya, respectively.

I also list two species of chrysomelid beetles collected in the southern Mariana Islands, Micronesia, in Appendix after the previous paper (Miyano, 1994).

### Materials and Methods

Insects were mainly collected by net in nine islands of the northern Mariana Islands in 1992. Detailed outline of the expedition was described in Miyano (1994) and Asakura *et al.* (1994). Specimens are deposited at the Natural History Museum and Institute, Chiba.

### Results and Discussion

*Valang excavata* (Stål) was listed as Acrididae gen. sp. in the previous paper (Miyano, 1994). *Phytorus lineatus* Weise and *Cassida (Taiwania) circumdata* Herbst has distribution records in southern Mariana Islands, but they have not been recorded from the northern Mariana Islands (Gressitt, 1955).

So far, 277 species (167 identified at species level, 71 at generic, and 39 at family) are listed as insects collected during the biological

expedition to the northern Mariana Islands, Micronesia.

### List of Species

Collection data are arranged in the following order: island name: number of specimens, collection date, collector's name (S. Miyano is abbreviated as [SM]).

### Order ORTHOPTERA

#### Family Acrididae (Identified by G. Ito)

#### 1. *Valanga excavata* (Stål)

AGRIHAN: 1 Ex, 29. v. 1992, [SM]; 1 ♀, 31. v. 1992, [SM]; ANATAHAN: 1 ♂, 12. v. 1992, [SM]; 2 ♂, 2 ♀, 13. v. 1992, [SM]; MAUG, EAST: 2 ♂, 2. vi. 1992, [SM].

### Order COLEOPTERA

#### Family Chrysomelidae (Identified by Y. Komiya)

#### 2. *Phytorus lineatus* Weise

ANATAHAN: 39 Exs, 11. v. 1992, [SM].

#### 3. *Chaetocnema (Tlanoma)* sp.

AGRIHAN: 1 Ex, 29. v. 1992, [SM]; ANATAHAN: 1 Ex, 11. v. 1992, [SM]; GUGUAN: 18 Exs, 17. v. 1992, [SM]; 6 Exs, 18. v. 1992, [SM]; MAUG, EAST: 1 Ex, 2. vi. 1992, [SM]; MAUG, WEST: 1 Ex, 5. vi. 1992, [SM]; URACUS: 21 Exs, 6. vi. 1992, [SM].

#### 4. *Cassida (Taiwania) circumdata* Herbst

AGRIHAN: 1 Ex, 28. v. 1992, [SM]; 1 Ex, 29. v. 1992, [SM]; 3 Exs, 30. v. 1992, [SM]; GUGUAN: 1 Ex, 17. v. 1992, [SM]; SARIGAN: 2 Exs, 15.V.1992, [SM].

#### Acknowledgments

I express my hearty thanks to Dr. Gen Ito, Hokkaido University, for identifying a locust species, and Dr. Yoshiaki Komiya, Gunma University, for identifying beetle species.

#### References

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#### Appendix

Two beetle species collected on Saipan or Rota, the southern Mariana Islands, Micronesia, are listed below.

#### Order COLEOPTERA

##### Family Chrysomelidae (Identified by Y. Komiya)

1. *Colasposoma auripenne* Motschulsky  
ROTA: 1 Ex, 13. vi. 1992, [SM].
2. *Cassida (Taiwania) circumdata* Herbst  
SAIPAN: 1 Ex, 9. v. 1992, [SM].

(Accepted 28 October 1999)

#### 1992 年北マリアナ諸島の生物学的 調査により採集された昆虫の 追加記録

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バッタ科の 1 種, *Valanga excavata* (Stål) とハムシ科の 3 種, セスジサルハムシ *Phytorus lineatus* Weise, *Chaetocnema (Tlanoma)* sp., タテスジヒメジンガサハシ *Cassida (Taiwania) circumdata* Herbst が, 1992 年北マリアナ諸島の生物学的調査により採集された昆虫のリストに加えられた。