

A list of specimens of Chrysomelidae from Taiwan preserved in the Naturhistorisches Museum / Wien (Insecta: Coleoptera) ¹

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This paper is a result of my study on the Taiwan (Formosan) specimens of Chrysomelidae, preserved in the Naturhistorisches Museum, Wien. All the specimens treated here were collected by H. SAÜTER.

Forty-eight species belonging to thirty-six genera are treated. Among them five species are to be recorded from Taiwan for the first time. One genus and one species and two subspecies are treated as new synonyms. Further, one species which was described as a subspecies is treated as an independent species.

Before going further, I express my hearty thanks to the following gentlemen for their kind guidance and encouragement: Prof. K. YASUMATSU, Prof. H. KUROKO, Kyushu University, Prof. M. CHÛJÔ, Kagawa University, Dr. F. JANCZYK, Naturhistorisches Museum, Wien, and Dr. J. L. GRESSITT, Bishop Museum, Honolulu.

Subfamily Zeugophorinae

1. *Auchenia* (*Pedrillia*) *ruficollis* (Chûjô) NEW COMBINATION = *Pedrillia ruficollis* Chûjô, 1932, Nat. Hist. Soc. Formosa, Trans. 22 (122): 339, 342, fig. 2 (Formosa).

1 ex., Takao.

As Chûjô stated, this species is rather variable in coloration. This specimen is slightly different from the known form in having entirely brownish body. However, there is found no other important distinguishing character.

Subfamily Megalopodinae

2. *Temnaspis shirakii* (Chûjô)

2 exs., Hoozan.

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Subfamily Criocerinae

3. *Lilioceris neptis* (WEISE)
1 ex., Kosempo. 1 ex., Fuhosho. 1 ex., Teraso. 1 ex., Taishorinsho.
4. *Lema postrema* Bates
2 exs., Takao.

Subfamily Clytrinae

5. *Smaragdina nigrifrons* (HOPE)
12 exs., Takao. 1 ex., Kosempo. 2 exs., Taihorinsho.
6. *Physauchenia bifasciata* (JACOBY)
6 exs., Takao.

Subfamily Cryptocephalinae

7. *Cryptocephalus trifasciatus* Fabricius
5 exs., Takao. 1 ex., Yentempo.
8. *Cryptocephalus formosanus* Chûjô
1 ex., Taihanroku.
9. *Cryptocephalus swinhonei* Bates
3 exs., Fuhosho.
10. *Cryptocephalus perelegans* Baly, 1873
= *Cryptocephalus perelegans insularis* Chûjô, 1935
= *Cryptocephalus perelegans takasagonus* Chûjô, 1954, Taiwan Museum, Quart. Jour. 7 (3/4): 225 (Formosa). NEW SYNONYMY.
6 exs., Takao. 1 ex., Teraso.
According to Chûjô (1954), *C. perelegans* occurring in Taiwan is classified into two subspecies, *insularis* and *takasagonus*. However, these two subspecies occur in Taiwan sympatrically.
11. *Cryptocephalus tubu* Chûjô
2 exs., Takao.
12. *Adiscus nigromaculatus* (Chûjô) NEW COMBINATION
= *Dioryctus nigromaculatus* Chûjô, 1954, Taiwan Museum, Quart. Jour. 7 (3/4): 154 (Formosa).
1 ex., Chip Chip.

Subfamily Chlamissinae

13. *Chlamisus rufulus* Chen
1 ex., Takao.

This species has been recorded from China. This is the first record of the species from Taiwan.

Subfamily Eumolpinae

14. *Abirus fortunei* (BALY)

1 ex., Takao.

15. *Cleoporus costatus* Chûjô

11 exs., Yentempo.

16. *Cleoporus variabilis* (BALY)

6 exs., Takao.

In Chûjô's monograph of the Taiwan Chrysomelidae, this species is treated as *C. tibialis*. As treated by Gressitt & Kimoto (1961), *tibialis* is a synonym of *variabilis* which distributes widely in the Far East.

17. *Platycorynus sauteri* (CHÛJÔ)

1 ex., Fuhosho.

18. *Aoria (Aoria) nigripes* (Baly, 1860)

= *Aoria nigrata taiwana* Chûjô, 1956, Phil. Jour. Sci. 85 (1): 119 (Formosa).

NEW SYNONYMY.

1 ex., Taihanroku. 1 ex., Kosempo. 1 ex., Taihorinsho.

This species is somewhat variable in the body coloration. *A. nigrata taiwana* Chûjô is obviously one of the color variation of this species. However, I do not know whether *nigripes* Baly and *nigrata* Baly are the same species or not.

19. *Colasposoma auripenne* (MOTSCHULSKY)

1 ex., Fuhosho.

In Chûjô's monograph of the Taiwan Chrysomelidae, this species is treated as *oberthuri*. However, *oberthuri* is a synonym of *auripenne* which is widely distributed in SE Asia.

20. *Cleorina janthina* Lefèvre

3 exs., Taihanroku. 2 exs., Kosempo.

In Chûjô's monograph of the Taiwan Chrysomelidae, this species is treated as *P. lefevrei*. However, *lefevrei* is a synonym of *janthina* as treated by Gressitt & Kimoto, 1961.

21. *Basilepta taiwana* Chûjô

1 ex., Kosempo.

22. *Basilepta modesta* (BALY)

1 ex., Kosempo.

This species is to be recorded from Taiwan for the first time.

23. *Lypesthes taiwana* Chûjô

1 ex., Kosempo.

Subfamily Chrysomelinae

24. *Phola octodecimguttata* (FABRICIUS)

2 exs., Takao.

Subfamily Galerucinae

25. *Aulacophora similis* (OLIVIER)
2 exs., Takao. 1 ex., Fuhosho.
26. *Cneorane femoralis* Jacoby, 1888
= *Cneorane formosana* Weise, 1922, Tijdschr. v. Ent. 65: 72 (Formosa).
NEW SYNONYMY
4 exs., Kosempo.
Cneorane formosana is a synonym of *femoralis* which is originally described from China.
27. *Triaplatarthis brevithorax* (PIC)
1 ex., Taihorinsho.
As treated by GRESSITT & KIMOTO (1963), *Formosogalerucella* is a synonym of *Triaplatarthis*.
28. *Monolepta sexlineatum* Chûjô
1 ex., Yentempo.
29. *Monolepta formosanum* Chûjô
1 ex., Fuhosho.
30. *Monolepta sauteri* Chûjô
2 exs., Teraso.
31. *Monolepta pallidulum* (BALY)
1 ex., Taihorinsho.
32. *Galerucida bifasciata* (MOTSCHULSKY)
1 ex., Teraso.
33. *Meristoides grandipennis* (FAIRMAIRE)
6 exs., Kosempo.
34. *Luperus sauteri* Chûjô
13 exs., Takao. 1 ex., Teraso.
35. *Theopea sauteri* Chûjô
1 ex., Teraso.
Arthrotus Motschulsky, 1857, Etudes Ent. 6: 38 (type: *A. niger* Motsch.; Japan).
= *Dercestra* Chûjô, 1962, Phil. Jour. Science 91 (1/2): 163 (type: *D. abdominalis* Chûjô; monobasic; Taiwan). NEW SYNONYMY.
Chûjô established *Dercestra* based on *D. abdominalis*. However, no sufficient differences from *Arthrotus* are found. The type species of the genus, *D. abdominalis*, is close to *A. coeruleus* Chen from China.
36. *Arthrotus abdominalis* (Chûjô) NEW COMBINATION
= *Dercestra abdominalis* Chûjô, 1962, Phil. Jour. Science 91 (1/2): 166 (Formosa).
1 ex., Teraso.

37. *Paridea (Paraulaca) sauteri* (Chûjô) NEW COMBINATION
 = *Paraulaca sauteri* Chûjô, 1935, Arb. Morph. Taxon. Ent. Berlin-Dahlem 3 (2): 166 (Formosa).
 2 exs., Kosempo.
38. *Dercetina variipennis* (JACOBY)
 15 exs., Takao.
 As treated by GRESSITT & KIMOTO (1963), *taiwana* Chûjô is a synonym of *variipennis* which is originally described from China.
39. *Apophylia asahinai* Chûjô
 1 ex., Fuhoshow.
40. *Apophylia flavovirens* Fairmaire
 1 ex., Yentempo.
 This species is to be recorded from Taiwan for the first time.
41. *Apophylia nigripes* Fairmaire
 1 ex., Takao.
42. *Morphosphaera chrysomeloides* (BATES)
 1 ex., Kosempo.
43. *Haplosaenidea taiwana* (Chûjô) NEW STATUS, NEW COMBINATION
 = *Cerophysa tibialis taiwana* Chûjô (in press).
 3 exs., Takao.

Chûjô, 1962, suggested that the specimens hitherto recorded as *C. tibialis* from Taiwan were slightly different from the Japanese specimens. According to Prof. M. Chûjô's personal correspondence, he has already submitted a paper in which he had described this as a new subspecies of *Cerophysa tibialis*. According to my study, *taiwana* Chûjô (in MS) is, however, neither a subspecies of *tibialis* nor a member of *Cerophysa*. One of the important characters of *Cerophysa* is an anterior coxal cavity which is opened behind. In *taiwana* Chûjô, anterior coxal cavity is clearly closed behind. I recognize that *C. tibialis taiwana* is an independent species, and not a member of *Cerophysa*, but of *Haplosaenidea* which distributes dominantly in S. China and Indo-China.

Subfamily Alticinae

44. *Ophrida spectabilis* (BALY)
 1 ex., Polisha. 1 ex., Kosempo.
45. *Hemipyxis quadripustulata* (BALY)
 9 exs., Kosempo.
46. *Hemipyxis balyi* (BATES)
 1 ex., Teraso.

47. *Clitea metallica* Chen

4 exs., Takao.

This species is recorded from Taiwan for the first time.

48. *Altica brevicostata* (WEISE)

1 ex., Anping.

This species is recorded from Taiwan for the first time.

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