

A List of Chrysomelid-Beetles
from Japanese Appendant Islands

"List of Insect-Fauna Collected from Japanese
Appendant Islands by the Biological Laboratory
of the Heian High School (I)"

By
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List of Insect-Fauna Collected from Japanese Appendant Islands by the Biological Laboratory of the Heian High School (I)

By

Biological Laboratory, Heian High School

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Since 1951 to 1969, the members of the Biological Club of the Heian High School had collected extremely many materials of animals and plants from about 40 islands belonging to Japan, and their energetic activities had carried out generally within the school summer vacation (late in July to middle in August) excepting of 3 times spring ones in 22 Biological Expeditions organized under the guidance by the staffs of the Biological Laboratory.

As the result, very many species and specimens of insects had gathered in this Laboratory, and up to this time on a part of these materials reported or published as showing below.

- 1951 : Tamu, N. & Tsukamoto, K. — On the Lepidoptera from Kammuri-Island (Kyoto, Japan) (part I) (Tyō to Ga, Trans. Lep. Soc. Japan, VII, 4 : 28 & 29) (in Japanese).
- 1952 : Ditto — A New Species of Genus *Merionoeda* from Japan (Col. Cer.) (Entom. Rev. Japan, VI : 9, 1 fig.).
- 1952 : Iwata, Y. — Hegura-jima no Chō-ruī (Kontyū no Kagaku, I : 2) (in Japanese).
- 1952 : Tsukamoto, K. — Kammuri-jima Saishū-ki (ibid. : 14 & 15) (in Japanese).
- 1955 : Tamu, N. & Tsukamoto, K. — On the Male of *Merionoeda septentrionalis* Tamu et Tsukamoto (Col. Cer.) (AKITU, IV : 18, 1 fig.).
- 1955 : Ditto — On the Coleoptera in Kammuri Island (Kyoto, Japan) I (ibid., IV : 69~76, 5 figs.) (in Japanese).
- 1956 : Tamu, N. & Inoue, S. — On the Lepidoptera from Kammuri-island (Kyoto, Japan) (part II) (Tyō to Ga, VII) (in Japanese).
- 1956 : Kishii, T. — Some New Forms of Elateridae in Japan (II) (AKITU, IV : 17 & 18).
- 1956 : Tamu, N. & Tsukamoto, K. — On the Coleoptera in Kammuri Island (Kyōto, Japan) II, III & IV (ibid., V : 21, 22, 43~46, 69 & 64, 3 figs.) (in Japanese).
- 1956 : Ditto — Biogeographical and Ecological Studies of "Kammuri-sima" Island, Japan Sea (Bull. Heian High School, No. 1 : 1~113, 5 pls.) (in Japanese).
- 1957 : Hayashi, M. — Kammuri-jima-san no Ceresium-zoku Tengen ni tsuite (AKITU, VI : 26) (in Japanese).

- 1957 : Tamu, N. & Tsukamoto, K. — On the Coleoptera in Kammuri Island (Kyôto, Japan) V (ibid., VI : 94~97) (in Japanese).
- 1958 : Tsukamoto, K. — Entomological Results from the Biological Expedition of Yakushima, Col. Lamel. (ibid., VII : 13 & 14, 3 figs.).
- 1959 : Tamu, N., Tsukamoto, K., Kishii, T. & Inoue, S. — Tsushima no Kontyû (Yohô) (ibid., VIII : i) (in Japanese).
- 1959 : Tsukamoto, K. — Rishiri-tô no Kogane-mushi (ibid., VIII : 24) (in Japanese).
- 1959 : Kishii, T. — Elateridae of Is. Yakushima (Bull. Heian High School, No. 3 : 1~24, 3 pls., 2 tabs.).
- 1959 : Tsukamoto, K. — Rebun-tô, Rishiri-tô, Todo-jima Seibutsu-shi (Kyôto-fu Shiritsu Chûgakkô Kôtôgakkô Rika Kenkyû-kai Kaihô, No. 3 : 1~7) (in Japanese).
- 1959 : Kishii, T. — Rishiri-tô, Rebun-tô, Todo-jima no Kometsuki-mushi ni tsuite (Yohô) (ibid., No. 3 : 9~15) (in Japanese).
- 1960 : Tamu, N., Inoue, S., Tsukamoto, K. & Kishii, T. — Biogeographical and Ecological Studies on the Islands of Japan and its Adjacent Area (II), Is. Kami-shima, Mié Pref. (Shima-no-kuni) and the Islets of Gulf Atsumi, Aichi Pref. (Mikawa-no-kuni) (Bull. Heian High School, No. 4 : 1~126) (in Japanese.).
- 1960 : Inoue, S. — Capture of *Nacaduba kurava* and *Hypolimnas misippus* in Shikoku (Tyô to Ga, XI) (in Japanese).
- 1960 : Kishii, T., Tsukamoto, K. & Inoue, S. — Kôchi-ken Sukumo-shi Oki-no-shima, Hime-shima, Uguri-jima, Kashiwa-jima no Kontyû-sô ni kan-suru Kenkyû (Yohô) (Dai 15-kai Nippon Seibutsu-Kyôiku-kai Zenkoku Taikai, Kenkyû-Happyô, Summary : 1~24) (in Japanese).
- 1961 : Kishii, T. — Elateridae of Is. Tsushima (Bull. Heian High School, No. 5 : 1~56, 11 pls.).
- 1962 : Ditto — Elateridae of Islands Rishiri-tô, Rebun-tô, and Todo-jima (ibid., No. 7 : 1~31, 4 pls.).
- 1964 : Ditto — Elateridae of Islands Awa-shima, Hegura-jima and Nanatsu-jima (ibid., No. 8 : 1~38, 3 pls.).
- 1966 : Ditto — Elateridae of Kyôto and its Adjacent Regions (Biol. Lab., Heian High School : 7).
- 1966 : Ditto — Some New Forms of Elateridae in Japan (IV) (Bull. Heian High School, No. 10 : 8 & 9, 1 fig.).
- 1968 : Ditto — Some New Forms of Elateridae in Japan (V) (ibid., No. 13 : 1~3, 1 fig.).
- 1970 : Ditto — On the Genus *Yukoana* and *Quasimus* from Japan (ibid., No. 15 : 22, 24 & 25, 8 figs.).
- 1973 : Tsukamoto, K. — On the Scarabaeoidae (Col.) II (ibid., No. 17 : 43, 12 figs.).

In this series, the authors wish to make as much as possible a complete list of insect-fauna in these islands stated above based upon the collection of the Biological

Laboratory of the Heian High School, and the expeditional data and the correct situation of these islands are as following map and table (Pls. I & II, Tab. I). And moreover, some samples collected in 1931 and 1933 from Is. Kammuri-jima by Mr. N. Tamu are also included in the present study.

Now, in this paper, the butterflies by K. Tsukamoto and the family Chrysomelidae by T. Kishii are drawn up a list severally with some notes.

Before going further, the authors wish to express their hearty thanks to all the members of the Biological Club of the Heian High School for their kindness specially in collecting the valuable materials and in many useful helps. More, they want to mention their cordial gratitude to the successive presidents, exassistant ones and the many staffs of the Heian High School for the courteous aids given during the course of the surveys and study, and also to acknowledge their indebtedness to many island peoples who were afforded kindly numerous facilities in each expedition.

**Tab. I. Date of the Expedition by the Biological Laboratory
of the Heian High School**

Hokkaidô District

Is. Todo-jima (海馬島) : August 12, 1958.

Is. Rebun-tô (礼文島) : August 11~13, 1958.

Is. Rishiri-tô (利尻島) : July 21~August 11, 1958.

Niigata Prefecture

Is. Awashima (粟島) : July 30~August 11, 1961.

Ishikawa Prefecture

Is. Hegura-jima (舳倉島) : April 11~15, 1952 ; August 2~11, 1952.

Is. Ôshima in Iss. Nanatsu-jima (大島, セツ島) : August 5, 1952.

Kyôto Prefecture

Is. Kammuri-jima (冠島) : July 25, 1931 ; June 10, 1933 ; August 15, 1933 ;
September 24, 1933 ; August 9, 1951 ; July 28~30, 1952 ; April 6, 1956 ;
July 6, 1956 ; April 13, 1958.

Shimane Prefecture

Is. Dôgo in Iss. Oki (道後, 穂岐) : August 5~7, 1955.

Tôkyô Metropole

Is. Hachijô-ga-shima (八丈島) : July 24~30, 1962.

Is. Hachijô-koshima (八丈小島) : August 1~4, 1962.

Mié Prefecture

Is. Kami-shima (神島) : August 6, 1953.

Aichi Prefecture

Is. Himaka-jima (日間賀島) : August 8, 1953.

Is. Ki-jima (木島) : August 11, 1953.

Is. Koiso-jima (小磯島) : August 11, 1953.

Is. Nakate-jima (中手島) : August 13, 1953.

Is. Saku-jima (佐久島) : August 13, 1953.

Is. Shino-shima (篠島) : August 10, 1953

Is. Tsukumi-jima (築見島) : August 11, 1953.

Kôchi Prefecture

Is. Kashiwa-jima (柏島) : July 24 & 30, 1960.

Is. Oki-no-shima (沖ノ島) : July 24~August 8, 1960.

Is. Uguri-jima (鶉来島) : August 2, 1960.

Is. Hime-shima (姫島) : August 3, 1960.

Nagasaki Prefecture

Is. Tsushima (対馬) : July 21~August 10, 1959.

Kagoshima Prefecture

Is. Kami-koshiki-jima (上甌島) : July 28~31, 1967.

Is. Naka-koshiki-jima (中甌島) : August 1~4, 1967.

Is. Shimo-koshiki-jima (下甌島) : August 4~14, 1967.

Is. Tane-ga-shima (種子島) : July 30, 1957.

Is. Yakushima (屋久島) : July 31~August 14, 1957.

Is. Kuchi-no-erabu-jima (口永良部島) : July 29~August 13, 1963.

Is. Amami-Ôshima (奄美大島) : July 26~August 9, 1964.

Is. Toku-no-shima (徳之島) : July 31, 1965.

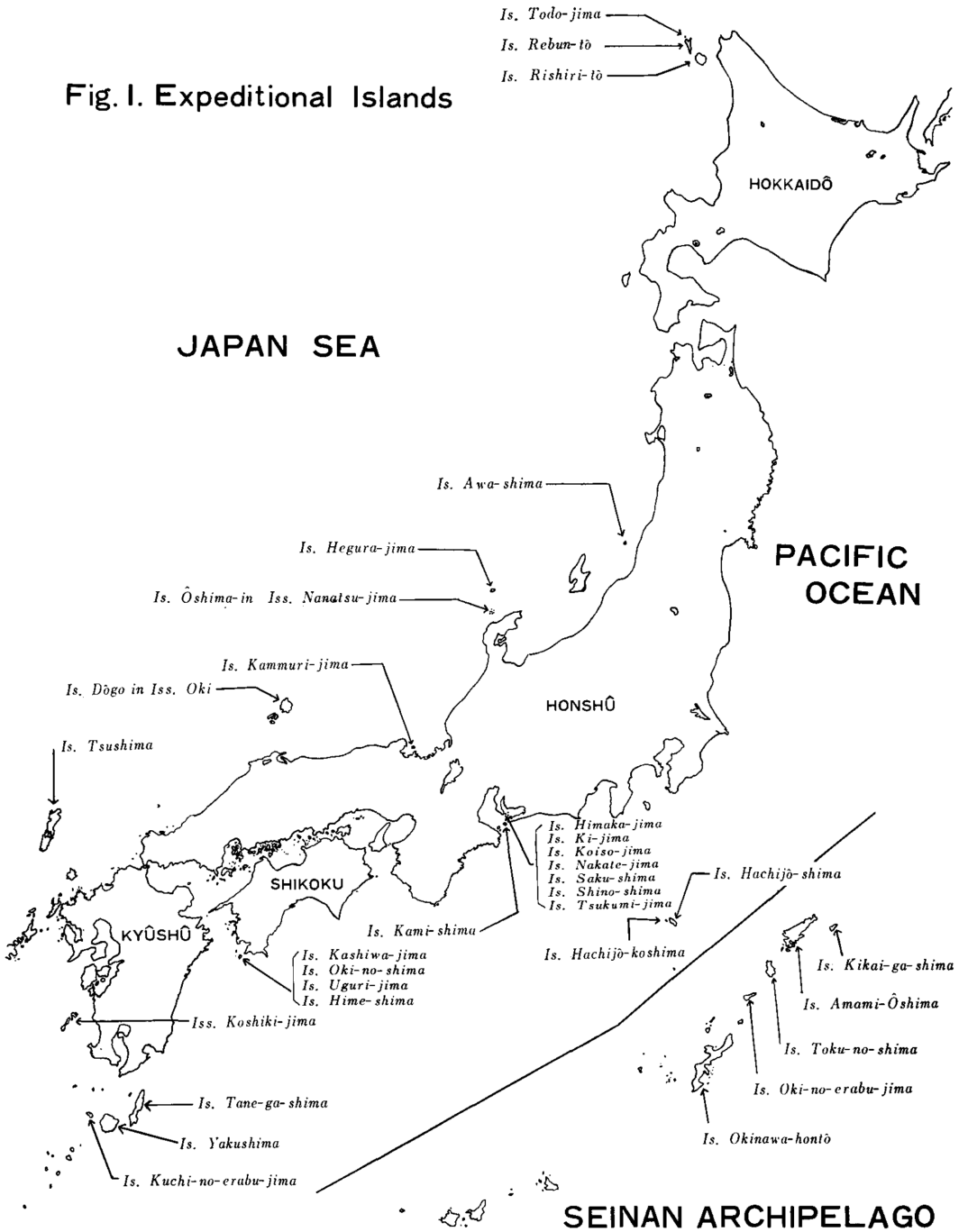
Is. Kikai-ga-shima (喜界ヶ島) : July 28~August 2, 1964.

Is. Oki-no-erabu-jima (沖永良部島) : August 10~15, 1966.

Okinawa Prefecture

Is. Okinawa-hontô (沖縄本島) : July 30~August 2, 1969.

Fig. I. Expeditional Islands



A List of Chrysomelid-Beetles from Japanese Appendant Islands

By

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In this paper, I want to report a list of the family Chrysomelidae from many islands belonging Japan, which had gathered from 1931 to 1969 by the members of the biological expeditions practised and formed by the staffs and students attached to the Biological Laboratory and Club of the Heian High School.

And, as the result of the summation, 173 species representing 2337 examples are drawn up here, and their exact numbers of species and specimens in each island are as following table (Tab. II). Moreover, the determination and classificatory arrangement conformed on Dr. S. Kimoto's work : The Chrysomelidae of Japan and the Ryukyu Island (I~XI) (1964~1966) (Jour. Fac. Agr., Kyushu Univ., XIII : 99~164, 235~308, 369~459, 601~671).

All the samples used in this study are preserved in the collection of the Biological Laboratory of the Heian High School and in my collection.

Tab. II. The Investigated Islands and the Materials

- Is. Todo-jima : 2 species, 3 examples.
- Is. Rebun-tô : 11 species, 21 examples.
- Is. Rishiri-tô : 48 species, 676 examples.
- Is. Awa-shima : 35 species, 115 examples.
- Is. Hegura-jima : 13 species, 31 examples.
- Is. Ôshima in Iss. Nanatsu-jima : 1 species, 1 example.
- Is. Kammuri-jima : 22 species, 52 examples.
- Is. Dôgo in Iss. Oki : 4 species, 4 examples.
- Is. Hachijô-ga-shima : 16 species, 71 examples.
- Is. Hachijô-koshima : 5 species, 18 examples.
- Is. Kami-shima : 2 species, 6 examples.
- Is. Ki-jima : 3 species, 26 examples.
- Is. Koiso-jima : 2 species, 22 examples.
- Is. Nakate-jima : 2 species, 30 examples.
- Is. Saku-jima : 2 species, 12 examples.
- Is. Kashiwa-jima : 2 species, 3 examples.
- Is. Oki-no-shima : 25 species, 69 examples.
- Is. Uguri-jima : 5 species, 33 examples.
- Is. Hime-shima : 1 species, 1 example.
- Is. Tsushima : 69 species, 517 examples.

- Is. Naka-koshiki-jima : 5 species, 8 examples.
 Is. Tane-ga-shima : 2 species, 45 examples.
 Is. Yakushima : 36 species, 294 examples.
 Is. Kuchi-no-erabu-jima : 5 species, 13 examples.
 Is. Amami-Oshima : 15 species, 160 examples.
 Is. Toku-no-shima : 6 species, 47 examples.
 Is. Kikai-ga-shima : 8 species, 39 examples.
 Is. Oki-no-erabu-jima : 4 species, 7 examples.
 Is. Okinawa-hontô : 3 species, 6 examples.

Family **CHRYSOMELIDAE**

Subfamily **Zeugophorinae**

1. *Zeugophora (Pedrillia) annulata* (Baly, 1873)
 Is. Rebut-tô (Kafuka) : 1 ex.
 Is. Rishiri-tô (Mt. Rishiri, Oniwaki & Oshidomari) : 12 exs.

Subfamily **Donaciinae**

2. *Donacia (Cyphogaster) provostii* Fairmaire, 1885
 Is. Kammuri-jima : 1 ex., 1933 (August).
 Is. Kuchi-no-erabu-jima : 4 exs.

Subfamily **Criocerinae**

3. *Oulema atrosuturalis* (Pic, 1923)
 Is. Oki-no-shima : 1 ex.
 Is. Tsushima (Mt. Ariake) : 1 ex.
 Is. Yakushima (Issô) : 1 ex.
 Is. Amami-Oshima (Mt. Yuwan-dake) : 1 ex.
4. *Oulema tristis* (Herbst, 1786)
 Is. Tsushima (Sasu pass) : 1 ex.
5. *Lema adamsi* Baly, 1865
 Is. Hachijô-ga-shima : 4 exs.
 Is. Dôgo in Iss. Oki : 1 ex.
6. *Lema honorata* Baly, 1873
 Is. Awasima : 2 exs.
 Is. Hachijô-ga-shima : 1 ex.
 Is. Oki-no-shima : 4 exs.
 Is. Tsushima (Izuhara & Sasu pass) : 4 exs.
7. *Lema concinnipennis* Baly, 1865
 Is. Tsushima (Komoda, Mt. Ariake, Mt. Tatera & Sasuna) : 5 exs.
8. *Lema diversa* Baly, 1873
 Is. Awashima : 3 exs.

- Is. Kammuri-jima : 2 exs., 1933 (September) ; 2 exs., 1952.
 Is. Dôgo in Iss. Oki : 1 ex.
 Is. Tsushima (Izuhara, Komoda, Mt. Ariake & Sasuna) : 7 exs.
9. *Liliocerus (Liliocerus) subpolita* (Motschulsky, 1860)
 Is. Hegura-jima : 2 exs.
 Is. Dôgo in Iss. Oki : 1 ex.
 Is. Tsushima (Mt. Ariake, Sasu pass & Uchiyama) : 6 exs.
10. *Criocerus quatuordecimpunctata* (Scopoli, 1763)
 Is. Tsushima (Komoda) : 3 exs.

Subfamily Clytrinae

11. *Smaragdina nigrifrons* (Hope, 1842)
 Is. Tsushima (Hitakatsu, Izuhara, Komoda, Mt. Ariake, Mt. Mitake, Sasuna, Sasu pass & Uchiyama) : 77 exs.
12. *Smaragdina niponensis* (Chûjô, 1951)
 Is. Kammuri-jima : 1 ex., 1933 (August).
13. *Smaragdina aurita* (Linnaeus, 1766)
 Is. Rishiri-tô (Oshidomari) : 1 ex.

Subfamily Cryptocephalinae

14. *Coenobius sulcicollis* Baly, 1874
 Is. Tsushima (Izuhara) : 2 exs.
15. *Coenobius piceipes* Gressitt, 1942
 Is. Oki-no-shima : 1 ex.
 Is. Tsushima (Izuhara & Mt. Ariake) : 2 exs.
 In the specimens from Is. Tsushima, antennae not pitchy basally, but apically.
16. *Coenobius sp.*
 Is. Hachijô-ga-shima : 4 exs.
 Intimately relate to *C. piceipes*, though prorum punctate near hind angles only, impunctate medio-basally.
17. *Coenobius piceus* Baly, 1874
 Is. Oki-no-shima : 1 ex.
 Is. Tsushima (Komoda) : 6 exs.
18. *Pachybrachys eruditus* Baly, 1873
 Is. Rishiri-tô (Kutsugata, Oniwaki & Oshidomari) : 12 exs.
 Is. Ki-jima : 20 exs.
 Is. Koiso-jima : 20 exs.
 Is. Nakate-jima : 29 exs.
19. *Cryptocephalus approximatus* Baly, 1873
 Is. Rishiri-tô (Kutsugata, Mt. Rishiri, Oniwaki & Oshidomari) : 7 exs.
 Is. Kammuri-jima : 1 ex., 1952.
20. *Cryptocephalus scitulus* Baly, 1873
 Is. Awashima : 1 ex.

21. *Cryptocephalus perelegans* Baly, 1873
Is. Oki-no-shima : 2 exs.
Is. Tsushima (Uchiyama) : 1 ex.
22. *Cryptocephalus pumilo* Suffrian, 1854
Is. Rishiri-tô (Mt. Rishiri & Oniwaki) : 5 exs.
23. *Cryptocephalus bilineatus* (Linnaeus, 1767)
Is. Rishiri-tô (Mt. Rishiri & Oshidomari) : 13 exs.
24. *Cryptocephalus kiyosatonus* Kimoto, 1964
Is. Rebun-tô (Kafuka & Sukoton cape) : 2 exs.
Is. Rishiri-tô (Kutsugata, Mt. Rishiri, Oniwaki & Oshidomari) : 49 exs.
25. *Cryptocephalus tetradecaspilotus* Baly, 1873
Is. Kammuri-jima : 1 ex., 1933 (August).
Is. Kami-shima : 2 exs.

Subfamily Lamprosomatinae

26. *Oomorplus (Oomorplus) japanus* Jacoby, 1885
Is. Kammuri-jima : 4 exs., 1956 (April).
Is. Oki-no-shima : 2 exs.
27. *Oomorhoides loochooensis* Chûjô, 1958
Is. Yakushima (Issô) : 13 exs.
28. *Oomorhoides okinawensis kurosawai* Nakane, 1958
Is. Yakushima (Hirauchi) : 17 exs.
29. *Oomorhoides cupreatus* (Baly, 1873)
Is. Rishiri-tô (Mt. Rishiri) : 1 ex.
Is. Kammuri-jima : 3 exs., 1956 (April).
Is. Oki-no-shima : 1 ex.
Is. Tsushima (Izuhara & Komoda) : 4 exs.
Is. Naka-koshiki-jima : 1 ex.
Is. Yakushima (Kosugi-dani) : 3 exs.

Subfamily Eumolpinae

30. *Acrothinium gaschkevitchii gaschkevitchii* (Motschulsky, 1860)
Is. Awashima : 2 exs.
Is. Kammuri-jima : 1 ex., 1933 (August).
Is. Hachijô-ga-shima : 3 exs.
Is. Tsushima (Izuhara) : 1 ex.
Is. Yakushima (Miyanoura) : 1 ex.
Is. Kuchi-no-erabu-jima : 1 ex.
31. *Colposcelis signata* (Motschulsky, 1858)
Is. Hachijô-ga-shima : 21 exs.
Is. Uguri-jima : 1 ex.
Is. Oki-no-shima : 5 exs.
Is. Tsushima (Izuhara, Mt. Ariake, Mt. Mitake & Sasu pass) : 5 exs.

32. *Nodina chalcosoma* Baly, 1874
 Is. Kammuri-jima : 1 ex., 1952.
 Is. Yakushima (Hirauchi) : 2 exs.
33. *Nodina sauteri* Chûjô, 1956
 Is. Kikai-ga-shima : 3 exs.
34. *Basilepta hirayamai* (Chûjô, 1935)
 Is. Yakushima (Ambô, Hirauchi, Miyanoura & Nagata) : 5 exs.
 Is. Kikai-ga-shima : 3 exs.
35. *Basilepta pallidulum* (Baly, 1874)
 Is. Awashima : 1 ex.
 Is. Hachijô-ga-shima : 1 ex.
 Is. Hachijô-koshima : 4 exs.
 Is. Ki-jima : 1 ex.
 Is. Tsushima (Izuhara) : 1 ex.
36. *Basilepta balyi* (Harold, 1873)
 Is. Rishiri-tô (Oshidomari) : 21 exs.
 Is. Hachijô-ga-shima : 3 exs.
37. *Basilepta fulvipes* (Motschulsky, 1860)
 Is. Awashima : 6 exs.
 Is. Kammuri-jima : 1 ex., 1933 (August).
 Is. Tsushima (Izuhara, Sasuna, Sasu pass & Uchiyama) : 14 exs.
 Is. Naka-koshiki-jima : 1 ex.
 Is. Yakushima (Ambô & Miyanoura) : 5 exs.
38. *Colasposoma dauricum* Mennerheim, 1849
 Is. Awashima : 1 ex.
 Is. Hegura-jima : 6 exs., 1952 (August).
 Is. Kammuri-jima : 3 exs., 1931 ; 5 exs., 1956 (July).
 Is. Tsushima (Komoda) : 1 ex.
39. *Scelodonta lewisii* Baly, 1874
 Is. Hegura-jima : 1 ex., 1952 (August).
 Is. Tsushima (Izuhara & Uchiyama) : 5 exs.
 Is. Yakushima (Nagata) : 1 ex.
40. *Demotina tuberosa* Chen, 1935
 Is. Tsushima (Uchiyama) : 1 ex.
41. *Demotina fasciculata* Baly, 1874
 Is. Hachijô-ga-shima : 5 exs.
 Is. Oki-no-shima : 1 ex.
 Is. Yakushima (Hirauchi & Issô) : 6 exs.
42. *Demotina modesta* Baly, 1874
 Is. Oki-no-shima : 1 ex.
 Is. Tsushima (Izuhara, Mt. Ariake & Uchiyama) : 22 exs.
 Is. Yakushima (Hananoégô & Hirauchi) : 13 exs.

43. *Demotina* sp.
 Is. Oki-no-shima : 4 exs.
 Is. Tsushima (Izuhara & Uchiyama) : 2 exs.
 In the body measurements and the outline of antennae, this *Demotina* is allied to *D. fasciculata*, although general body colouration is closely similar to *D. modesta*.
44. *Lypesthes ater* (Motschulsky, 1860)
 Is. Awashima : 1 ex.
45. *Bromius obscurus* (Linnaeus, 1758)
 Is. Rishiri-tô (Mt. Rishiri, Oniwaki & Oshidomari) : 15 exs.
46. *Aoria (Osmapharis) nucea* (Fairmaire, 1889)
 Is. Yakushima (Miyanoura) : 2 exs.
47. *Xanthonia placida* Baly, 1874
 Is. Hachijô-ga-shima : 2 exs.
 Is. Hachijô-koshima : 1 ex.
 Is. Tsushima (Mt. Ariake, Sasuna & Sasu pass) : 6 exs.

Subfamily Synetinae

48. *Syneta adamsii* Baly, 1877
 Is. Rishiri-tô (Mt. Rishiri) : 2 exs.

Subfamily Chrysomelinae

49. *Chrysolina aurichalcea* (Mannerheim, 1825)
 Is. Rebun-tô (Kafuka) : 1 ex.
 Is. Rishiri-tô (Oshidomari) : 2 exs.
 Is. Awashima : 1 ex.
 Is. Hegura-jima : 5 exs., 1952 (April).
 Is. Kammuri-jima : 1 ex., 1951.
 Is. Hachijô-koshima : 2 exs.
 Is. Tsushima (Sasuna & Uchiyama) : 2 exs.
 Is. Yakushima (Hirauchi) : 2 exs.
 Is. Amami-Ôshima (Akaogi & Nishinakama) : 2 exs.
50. *Chrysolina nikolskyi* (Jacobson, 1898)
 Is. Rishiri-tô (Mt. Rishiri) : 47 exs.
51. *Chrysolina angusticollis* (Motschulsky, 1860)
 Is. Rishiri-tô (Oniwaki & Oshidomari) : 3 exs.
52. *Chrysolina aeruginosa* (Faldermann, 1835)
 Is. Rishiri-tô (Mt. Rishiri) : 2 exs.
53. *Phaedon brassicae* Baly, 1874
 Is. Tsushima (Sasuna) : 1 ex.
54. *Plagioderma versicolora* (Laicharting, 1781)
 Is. Rishiri-tô (Kutsugata, Oniwaki & Oshidomari) : 11 exs.
 Is. Awashima : 4 exs.

55. *Phratora longula* Motschulsky, 1860
Is. Rishiri-tô (Mt. Rishiri & Oniwaki) : 47 exs.
56. *Phola octodecimguttata* (Fabricius, 1775)
Is. Amami-Ôshima (Mt. Yuwan-dake & Nishinakama) : 47 exs.
Is. Toku-no-shima (Mikyô) : 3 exs.
Is. Okinawa-hontô (Shuri) : 3 exs.

Subfamily Galerucinae

57. *Pyrrhalta konishii* Kimoto, 1963
Is. Rishiri-tô (Mt. Rishiri & Oshidomari) : 8 exs.
58. *Pyrrhalta semifulva* (Jacoby, 1885)
Is. Rishiri-tô (Kutsugata, Oniwaki & Oshidomari) : 4 exs.
Is. Tsushima (Sasu pass) : 1 ex.
59. *Pyrrhalta lineola* (Fabricius, 1781)
Is. Tsushima (Izuhara & Mt. Ariake) : 62 exs.
60. *Pyrrhalta calvariensis* (Linnaeus, 1767)
Is. Rishiri-tô (Oniwaki & Oshidomari) : 2 exs
61. *Pyrrhalta esakii* Kimoto, 1963
Is. Rishiri-to (Oniwaki) : 1 ex.
62. *Pyrrhalta humeralis* (Chen, 1942)
Is. Awashima : 16 exs.
63. *Pyrrhalta annulicornis* (Baly, 1874)
Is. Tsushima (Izuhara, Mt. Ariake, Sasuna, Sasu pass & Uchiyama) : 17 exs.
64. *Pyrrhalta fuscipennis* (Jacoby, 1885)
Is. Rishiri-tô (Mt. Rishiri, Oniwaki & Oshidomari) : 41 exs.
65. *Pyrrhalta seminigra* (Jacoby, 1885)
Is. Awashima : 2 exs.
66. *Aulacophora bicolor* (Weber, 1801)
Is. Amami-Oshima (Yamma to Kodama) : 35 exs.
Is. Toku-no-shima (Mikyô) : 12 exs.
67. *Aulacophora lewisii* Baly, 1886
Is. Amami-Ôshima (Mt. Yuwan-dake) : 1 ex.
68. *Aulacophora femoralis* (Motschulsky, 1857)
Is. Awashima : 1 ex.
Is. Hegura-jima : 2 exs., 1952 (April).
Is. Hachijô-ga-shima : 10 exs.
Is. Hachijô-koshima : 10 exs.
Is. Kami-shima : 4 exs.
Is. Ki-jima : 5 exs.
Is. Koiso-jima : 2 exs.
Is. Nakate-jima : 1 ex.
Is. Saku-jima : 5 exs.
Is. Oki-no-shima : 3 exs.

- Is. Kashiwa-jima : 2 exs.
 Is. Uguri-jima : 3 exs.
 Is. Tsushima (Sasuna) : 2 exs.
 Is. Yakushima (Hirauchi, Issô & Miyanoura) : 46 exs.
 Is. Kuchi-no-erabu-jima : 2 exs.
 Is. Amami-Ôshima (Naze) : 12 exs.
 Is. Kikai-ga-shima : 3 exs.
 Is. Toku-no-shima (Mikyô) : 14 exs.
 Is. Oki-no-erabu-jima : 1 ex.
 Is. Okinawa-hontô (Shuri) : 2 exs.
69. *Aulacophora loochooensis* Chûjô, 1957
 Is. Amami-Ôshima (Mt. Yuwan-dake) : 1 ex.
70. *Aulacophora nigripennis nigripennis* Motschulsky, 1857
 Is. Awashima : 2 exs.
 Is. Kammuri-jima : 2 exs., 1931 ; 1 ex., 1933 (June) ; 2 exs., 1951 ; 2 exs., 1952.
 Is. Saku-jima : 7 exs.
 Is. Tsushima (Izuhara) : 2 exs.
 Is. Tane-ga-shima : 2 exs.
 Is. Yakushima (Hirauchi, Issô, Miyanoura & Nagata) : 41 exs.
 Is. Kuchi-no-erabu-jima : 3 exs.
 Is. Kikai-ga-shima : 8 exs.
71. *Aulacophora nigripennis nitidipennis* Chûjô, 1935
 Is. Amami-Ôshima (Mt. Yuwan-dake, Naze, Nishinakama & Yamma) : 14 exs.
 Is. Toku-no-shima (Mikyô) : 5 exs.
 Is. Oki-no-erabu-jima : 4 exs.
72. *Fleutiauxia armata* (Baly, 1874)
 Is. Rishiri-tô (Mt. Rishiri & Oshidomari) : 13 exs.
73. *Paridea (Paraulaca) angulicollis* (Motschulsky, 1853)
 Is. Awashima : 1 ex.
 Is. Kashiwa-jima : 1 ex.
 Is. Tsushima (Izuhara) : 4 exs.
 Is. Yakushima (Miyanoura) : 1 ex.
74. *Morphosphaera japonica* Hornstedt, 1788
 Is. Oki-no-shima : 3 exs.
 Is. Tsushima (Izuhara & Mt. Tatera) : 4 exs.
75. *Morphosphaera coerulea* (Schönfeldt, 1890)
 Is. Yakushima : 2 exs.
 Is. Amami-Ôshima (Mt. Yuwan-dake) : 11 exs.
 Is. Toku-no-shima (Mikyô) : 1 ex.
 Is. Oki-no-erabu-jima : 1 ex.
76. *Luperus viridipennis murakamii* Kimoto, 1965
 Is. Rishiri-tô (Mt. Rishiri) : 3 exs.
77. *Exosoma chujoii* (Nakane, 1958)

- Is. Oki-no-shima : 5 exs.
 Is. Hime-shima : 1 ex.
 Is. Yakushima (Miyanoura) : 2 exs.
78. *Exosoma* sp.
 Is. Tsushima (Mt. Ariake, Sasuna, Sasu pass & Uchiyama) : 17 exs.
 The outline and aedeagus are close to *Exosoma flaviventre*, but legs and antennae are entirely black and apex of penis not so sharply pointed in dorsal view. May be a local variation of *flaviventre*.
79. *Exosoma flaviventre* (Motschulsky, 1860)
 Is. Awashima : 9 exs.
 Is. Kammuri-jima : 1 ex., 1952.
80. *Stenoluperus bicarinatus* (Weise, 1889)
 Is. Rebun-tô (Kafuka) : 1 ex.
 Is. Rishiri-tô (Oniwaki) : 2 exs.
81. *Stenoluperus cyaneus* (Baly, 1874)
 Is. Rebun-tô (Kafuka) : 1 ex.
 Is. Tsushima (Sasuna) : 1 ex.
82. *Stenoluperus niponensis* (Laboissière, 1885)
 Is. Rishiri-tô (Oniwaki) : 1 ex.
 Is. Kammuri-jima : 1 ex., 1952.
 Is. Tsushima (Sasuna) : 1 ex.
83. *Stenoluperus* sp.
 Is. Rishiri-tô (Kutsugata, Numaura, Oniwaki & Oshidomari) : 5 exs.
 Very similar to *S. cyaneus*, though size a little larger, female antennae in 4th joint shorter than combined length of 2nd and 3rd, and pronotal punctures smaller and sparser.
84. *Paraluperodes suturalis nigrobilineatus* (Motschulsky, 1860)
 Is. Awashima : 1 ex.
85. *Atrachya menetriesi* (Faldermann, 1835)
 Is. Todo-jima : 2 exs.
 Is. Rebun-tô (Kafuka & Sukoton cape) : 9 exs.
 Is. Rishiri-tô (Kutsugata, Motodomari, Mt. Rishiri, Numaura, Oniwaki & Oshidomari) : 74 exs.
 Is. Awashima : 12 exs.
 Is. Oki-no-shima : 1 ex.
 Is. Yakushima (Hananoégô & Mt. Miyanoura) : 61 exs.
86. *Monolepta shirozui* Kimoto, 1965
 Is. Tsushima (Izuhara, Mt. Ariake, Mt. Mitake, Sasuna & Uchiyama) : 11 exs.
87. *Monolepta dichroum* Harold, 1877
 Is. Rishiri-tô (Kutsugata & Oshidomari) : 2 exs.
 Is. Awashima : 5 exs.
 Is. Oki-no-shima : 4 exs.
88. *Monolepta kurosawai* Chûjô et Ohno, 1961

- Is. Awashima : 1 ex.
89. *Monolepta pallidulum* (Baly, 1874)
 Is. Awashima : 11 exs.
 Is. Kammuri-jima : 1 ex., 1933 (August) ; 1 ex., 1951 ; 2 exs., 1952.
 Is. Oki-no-shima : 4 exs.
 Is. Uguri-jima : 24 exs.
 Is. Naka-koshiki-jima : 1 ex.
 Is. Tsushima (Izuhara, Mt. Ariake & Sasu pass) : 15 exs.
 Is. Yakushima (Kosugidani) : 1 ex.
90. *Monolepta chujo* Nakane et Kimoto, 1961
 Is. Amami-Ôshima (Akagina to Akaogi) : 1 ex.
91. *Agelasa nigriceps* Motschulsky, 1860
 Is. Awashima : 1 ex.
 Is. Yakushima (Miyanoura) : 9 exs.
92. *Gallerucida bifasciata* Motschulsky, 1860
 Is. Awashima : 3 exs.
 Is. Hegura-jima : 1 ex., 1952 (April).
 Is. Kammuri-jima : 1 ex., 1958.

Subfamily Alticinae

93. *Nonarthra cyaneum* Baly, 1874
 Is. Dôgo in Iss. Oki : 1 ex.
 Is. Yakushima (Hirauchi) : 4 exs.
94. *Nonarthra formosense flavomarginatum* Chûjô, 1957
 Is. Amami-Ôshima (Naze) : 1 ex.
95. *Psylliodes punctifrons* Baly, 1874
 Is. Awashima : 2 exs.
 Is. Kammuri-jima : 7 exs., 1956 (April).
96. *Psylliodes bretteghami* Baly, 1862
 Is. Kikai-ga-shima : 5 exs.
97. *Psylliodes* sp.
 Is. Kammuri-jima : 1 ex., 1933 (June).
 Plainly larger than *punctifrons*, very beautiful bluish violet with distinct tint all over, anterior half of frons sparsely punctured and the posterior perfectly smooth.
98. *Psylliodes subrugosa* Jacoby, 1885
 Is. Rishiri-tô (Kutsugata & Oniwaki) : 2 exs.
99. *Psylliodes attenuata* (Koch, 1803)
 Is. Hegura-jima : 1 ex., 1952 (August).
100. *Psylliodes angusticollis* Baly, 1874
 Is. Rishiri-tô (Kutsugata, Mt. Rishiri, Oniwaki & Oshidomari) : 8 exs.
 Is. Hegura-jima : 2 exs., 1952 (August).
 Is. Tsushima (Sasuna & Uchiyama) : 2 exs.

- Is. Kikai-ga-shima : 1 ex.
101. *Chaetocnema (Tlanoma) basalis* Baly, 1877
Is. Yakushima (Miyanoura) : 2 exs.
102. *Chaetocnema (Tlanoma) concinna* (Marshall, 1802)
Is. Rishiri-tô (Kutsugata, Mt. Rishiri & Oshidomari) : 4 exs.
103. *Chaetocnema (Tlanoma) discreta* (Baly, 1877)
Is. Hachijô-ga-shima : 1 ex.
Is. Tsushima (Komoda & Mt. Ariake) : 2 exs.
104. *Chaetocnema (Chaetocnema) concinnicollis* (Baly, 1874)
Is. Rishiri-tô (Oshidomari) : 1 ex.
Is. Awashima : 1 ex.
Is. Hachijô-ga-shima : 1 ex.
105. *Chaetocnema (Chaetocnema) cylindrica* (Baly, 1874)
Is. Rebun-tô (Sukoton cape) : 1 ex.
106. *Chaetocnema (Chaetocnema) ingenua* (Baly, 1876)
Is. Rishiri-tô (Kutsugata, Mt. Rishiri & Oshidomari) : 8 exs.
107. *Pseudoliprus suturalis* (Jacoby, 1885)
Is. Tsushima (Sasuna) : 3 exs.
108. *Pseudoliprus kurosawai* (Nakane, 1958)
Is. Yakushima (Mt. Miyanoura) : 2 exs.
109. *Pseudoliprus hirtus* (Baly, 1874)
Is. Tsushima (Sasuna) : 4 exs.
110. *Sangariola punctatostriata* (Motschulsky, 1860)
Is. Hegura-jima : 1 ex., 1952 (April).
111. *Asiorestia obscuritarsis* (Motschulsky, 1859)
Is. Rishiri-tô (Oshidomari) : 1 ex.
112. *Asiorestia interpunctata* (Motschulsky, 1859)
Is. Todo-jima : 1 ex.
Is. Rishiri-tô (Kutsugata & Mt. Rishiri) : 4 exs.
113. *Asiorestia laevicollis* (Jacoby, 1885)
Is. Tsushima (Izuhara) : 1 ex.
114. *Hippuriphila babai* (Chûjô, 1959)
Is. Rishiri-tô (Oniwaki & Oshidomari) : 14 exs.
115. *Crepidodera japonica* Baly, 1877
Is. Rishiri-tô (Oniwaki & Oshidomari) : 3 exs.
116. *Lythraria salicariae* (Paykull, 1800)
Is. Hachijô-ga-shima : 1 ex.
117. *Mantura clavareaux* Heikertinger, 1874
Is. Rishiri-tô (Motodomari, Oniwaki & Oshidomari) : 8 exs.
Is. Hegura-jima : 2 exs., 1952 (April) ; 1 ex., 1952 (August).
118. *Mantura japonica* Jacoby, 1885

- Is. Rishiri-tô (Oniwaki) : 2 exs.
119. *Philopona vibex* (Erichson, 1834)
 Is. Awashima : 7 exs.
 Is. Tsushima (Sasuna) : 1 ex.
120. *Argopistes coccinelliformis* Csiki, 1874
 Is. Hachijô-ga-shima : 1 ex.
 Is. Oki-no-shima : 1 ex.
121. *Argopus nigritarsis* (Gebler, 1823)
 Is. Tsushima (Sasu pass) : 1 ex.
122. *Sphaeroderma apicale* Baly, 1874
 Is. Awashima : 1 ex.
 Is. Tsushima (Mt. Ariake) : 1 ex.
123. *Sphaeroderma quadrimaculatum* Chûjô, 1935
 Is. Okinawa-hontô (Naha) : 1 ex.
124. *Sphaeroderma unicolor* Kimoto, 1965
 Is. Tsushima (Izuhara, Mt. Ariake, Mt. Mitake & Sasuna) : 9 exs.
125. *Sphaeroderma fuscicorne* Baly, 1864
 Is. Tsushima (Sasuna) : 8 exs.
126. *Sphaeroderma balyi* Jacoby, 1885
 Is. Awashima : 2 exs.
127. *Hemipyxis balyi cinctipennis* (Weise, 1890)
 Is. Yakushima (Hirauchi, Miyanoura & Nagata) : 22 exs.
 Is. Kuchi-no-erabu-jima : 3 exs.
 Is. Amami-Ôshima (Akagina, Mt. Yuwan-dake & Nishinakama) : 7 exs.
 Is. Kikai-ga-shima : 15 exs.
128. *Longitarsus quadraticollis* Jacoby, 1885
 Is. Yakushima (Kosugidani) : 2 exs.
129. *Longitarsus bimaculatus* (Baly, 1874)
 Is. Oki-no-shima : 2 exs.
130. *Longitarsus lewisii* (Baly, 1874)
 Is. Rishiri-tô (Kutsugata & Mt. Rishiri) : 9 exs.
 Is. Yakushima (Nagata) : 1 ex.
131. *Longitarsus sp.*
 Is. Awashima : 1 ex.
 General outline similar to *L. lewisii* in colouration especially, though much larger, 3rd antennal joint clearly longer than 2nd, vartex smooth, frontal tubercles obscure and antennal colouration darkar.
132. *Longitarsus sp.*
 Is. Tsushima (Izuhara) : 1 ex.
 Length 3.3 mm., elytral sutures and hind famorae blackish, head with a deep oblique groove behind frontal tubercles, antennae slender but not longer than body. Generally similar to *L. nitidus*.
133. *Longitarsus cervinus* Baly, 1874

- Is. Tsushima (Komoda, Mt. Ariake & Sasu pass) : 4 exs.
134. *Longitarsus nitidus* Jacoby, 1885
Is. Awashima : 5 exs.
135. *Longitarsus orientalis* Jacoby, 1885 ?
Is. Hegura-jima : 2 exs., 1952 (August).
Body almost yellowish brown except of black eyes.
136. *Longitarsus nitidiamiculus* Kimoto, 1965
Is. Rishiri-tô (Oniwaki) : 6 exs.
Is. Tsushima (Mt. Ariake) : 3 exs.
137. *Longitarsus amicus* (Baly, 1874)
Is. Rebun-tô (Sukoton cape) : 1 ex.
Is. Rishiri-tô (Kutsugata, Mt. Rishiri, Numaura, Oniwaki & Oshidomari) : 112 exs.
Is. Awashima : 1 ex.
Is. Tsushima (Mt. Ariake) : 1 ex.
138. *Luperomorpha irisae* Kimoto, 1966
Is. Tsushima (Sasuna) : 12 exs.
139. *Luperomorpha pryri* (Baly, 1874)
Is. Tsushima (Izuhara, Komoda, Mt. Ariake, Sasuna, Sasu pass & Uchiyama) : 27 exs.
Is. Yakushima (Hirauchi & Miyanoura) : 2 exs.
140. *Luperomorpha funesta* (Baly, 1874)
Is. Tsushima (Sasuna) : 17 exs.
141. *Phyllotreta striolata* (Fabricius, 1803)
Is. Rishiri-tô (Oniwaki & Oshidomari) : 3 exs.
Is. Tsushima (Mt. Ariake & Uchiyama) : 2 exs.
142. *Phyllotreta rectilineata* Chen, 1939
Is. Tsushima (Komoda) : 2 exs.
143. *Aphthona foudrasi* Jacoby, 1885
Is. Tsushima (Izuhara) : 1 ex.
144. *Aphthona strigosa* Baly, 1874
Is. Kammuri-jima : 1 ex., 1952.
Is. Hachijô-ga-shima : 12 exs.
Is. Oki-no-shima : 14 exs.
Is. Uguri-jima : 2 exs.
Is. Tsushima (Izuhara, Mt. Ariake, Sasu pass & Uchiyama) : 45 exs.
Is. Yakushima (Hirauchi) : 3 exs.
145. *Aphthona formosana* Chen, 1934
Is. Yakushima (Hananoégô) : 1 ex.
Is. Amami-Ôshima (Yamma to Kodama) : 9 exs.
146. *Aphthona nigrata* (Ohno, 1961)
Is. Yakushima (Hirauchi & Miyanoura) : 7 exs.
147. *Aphthona perminuta* Baly, 1874

- Is. Rishiri-tô (Kutsugata & Oniwaki) : 7 exs.
 Is. Oki-no-shima : 2 exs.
 Is. Uguri-jima : 1 ex.
 Is. Tsushima (Izuhara, Mt. Ariake, Sasuna, Sasu pass & Uchiyama) : 15 exs.
148. *Trachyaphthona sordida* (Baly, 1874)
 Is. Okino-shima : 1 ex.
 Is. Tsushima (Sasuna) : 3 exs.
 One example from Is. Tsushima body entirely yellowish brown.
149. *Batophila acutangula* Heikertinger, 1921
 Is. Yakushima (Hirauchi & Kosugidani) : 5 exs.
150. *Horaia esakii* Chûjô et Ohno, 1961
 Is. Oki-no-shima : 2 exs.
151. *Manobidia fulva* (Chûjô, 1957)
 Is. Yakushima (Hirauchi) : 1 ex.
152. *Manobidia nipponica* Chûjô, 1959
 Is. Tsushima (Sasuna) : 4 exs.
153. *Manobia lewisi* Jacoby, 1885
 Is. Yakushima : 1 ex.
154. *Aphthonaltica angustata* (Baly, 1874)
 Is. Tsushima (Sasuna) : 2 exs.
155. *Ogloblinia flavicornis* (Baly, 1874)
 Is. Oki-no-shima : 3 exs.
 Is. Tsushima (Izuhara, Mt. Ariake & Sasuna) : 7 exs.
 Is. Yakushima (Issô) : 6 exs.
 Is. Kikai-ga-shima : 1 ex.
156. *Altica latericosta subcostata* Ohno, 1960
 Is. Hegura-jima : 1 ex., 1952 (August).
157. *Altica cyanea* (Weber, 1801)
 Is. Naka-koshiki-jima : 4 exs.
 Is. Amami-Ôshima (Akagina, Mt. Yuwan-dake, Shinmura & Yakkatsu) : 17 exs.
 Is. Toku-no-shima (Mikyô) : 12 exs.
158. *Altica circaeae* Ohno, 1960
 Is. Awashima : 2 exs.
 Is. Hachijô-ga-shima : 1 ex.
 Is. Hachijô-koshima : 1 ex.
159. *Altica caerulescens* (Baly, 1874)
 Is. Naka-koshiki-jima : 2 exs.
160. *Altica oleracea* (Linnaeus, 1758)
 Is. Rebun-tô (Kafuka) : 2 exs.
 Is. Rishiri-tô (Kutsugata, Mt. Rishiri, Numaura, Oniwaki & Oshidomari) : 52 exs.
161. *Altica* sp.
 Is. Tsushima (Sasu pass) : 4 exs.
 Closely allied to *A. oleracea*, but elytral punctures of these materials smaller

and sparsar.

162. *Altica viridicyanea* (Baly, 1874)
Is. Kammuri-jima : 1 ex., 1931.
Is. Tsushima (Izuhara, Komoda, Sago, Sasu pass & Uchiyama) : 13 exs.

Subfamily Hispinae

163. *Dactylispa masonii* Gestro, 1923
Is. Tsushima (Uchiyama) : 1 ex.
164. *Hispellinus moerens* (Baly, 1874)
Is. Hegura-jima : 4 exs., 1952 (August).
Is. Ôshima in Iss. Nanatsu-jima : 1 ex.
165. *Platypria melli* Uhmman, 1955
Is. Tsushima (Hitakatsu) : 1 ex.

Subfamily Cassidinae

166. *Aspidomorpha difformis* (Motschulsky, 1860)
Is. Awashima : 2 exs.
167. *Thlaspidia biramosa japonica* (Spaeth, 1914)
Is. Tsushima (Izuhara & Mt. Ariake) : 2 exs.
168. *Cassida (Taiwania) versicolor* (Boheman, 1855)
Is. Tsushima (Kamoize) : 1 ex.
169. *Cassida (Taiwania) circumdata* Herbst, 1790
Is. Tane-ga-shima : 43 exs.
Is. Yakushima : 1 ex.
Is. Amami-Ôshima (Akagina to Akaogi) : 1 ex.
Is. Oki-no-erabu-jima : 1 ex.
170. *Cassida (Cassida) nebulosa* Linnaeus, 1758
Is. Rebun-tô (Sukoton cape) : 1 ex.
Is. Rishiri-tô (Kutsugata, Mt. Rishiri & Oshidomari) : 24 exs.
171. *Cassida (Cassida) piperata* Hope, 1842
Is. Awashima : 1 ex.
Is. Kammuri-jima : 1 ex., 1952
Is. Oki-no-shima : 1 ex.
172. *Cassida (Cassida) fusciorufa* Motschulsky, 1866
Is. Awashima : 3 exs.
173. *Cassida (Cassida) rubiginosa* Müller, 1776
Is. Rebun-tô (Sukoton cape) : 1 ex.
Is. Rishiri-tô (Oshidomari) : 1 ex.