

A List of Hemiptera in the Borodino (Daitô) Islands, Ryukyu

By

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Introduction

Daitô Islands lie 200 miles to the East of Okinawa Proper. So far, only few studies have been made on insect fauna of the Islands. Although the duration of my stay to study or investigate the insects live in both, North and South Daitô Islands is limited to only ten days (from July 29 to Aug. 9, 1958), I could have opportunity to visit those two Islands. This is, therefore, a part of the reports on the insects I have studied on those Islands.

This report particularly deals with Gymnocerata, Cryptocerata, and Auchenorrhyncha of Hemiptera. The study is entirely depended on the already existing references, and on the specimens collected by the Division of Agriculture, Home Economics and Engineering of the Ryukyu University. Some of them are still under a process of identification, and a result of it will be reported as soon as the process is over.

In publishing this report, I wish to express to Dr. Tamotsu Ishihara and Terunobu Hidaka, my great appreciation for their helpful comments on data and references, and to Mr. Jinshirô Miyagi, President of Daitô Sugar-Manufacturing Co., Mr. Kiyohiko Inafuku, Assistant Director of Agricultural section of above Co., Mr. Fukujirô Shinzato, Head of the Branch Office of Daitô Sugar-Manufacturing Co. (in S. Daitô Island), Mr. Eikichi Hamamoto, Assistant Head of above Co., Mr. Tsutomu Kina, Village Master of South Daitô Island and Mr. Kyushirô Ôshiro, Village Master of North Daitô Island for their constructive advices and helps that they kindly offered to me during my stay on the Islands.

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Enumeration of species

I. Family PLATASPIDAE Dallas

Jap. name: Marukamemushi-ka.

1. Genus *Brachyplatys* Boisduval

1835 *Brachyplatys* Boisduval, Voy. Astr. Ent., 2, p. 627.

1) *Brachyplatys subaeneus* (Westwood)

Jap. name: Tsuya-marukamemushi.

1837 *Plataspis subaeneus* Westwood, Hope Cat. Hem., 1, p. 17.

1940 *Brachyplatys subaeneus* Ishihara, Ent. World, 8 (76), p. 370 (N. Daitô-jima).

Food: Unknown.

Specimens examined: S. Daitô-jima: 2 Exs., 30. VII. 1958 (T. Takara).

II. Family SCUTELLERIDAE Leach

Jap. name: Kinkamemushi-ka.

2. Genus *Calliphara* Germar

1839 *Calliphara* Germar, Zeitschr., 1, p. 122.

2) *Calliphara nobilis* (Linné)

Jap. name: Nanahoshi-kinkamemushi.

1763 *Cimex nobilis* Linné, Cent. Ins., p. 17.

1905 *Calliphara (Chrysophara) excellens* Matsumura, Trans. Sapporo Nat. Hist. Soc., 1 (1), p. 22 (Daitô-jima).

1939 *Calliphara nobilis* Yashiro, Trans. Biogeogr. Soc. Japan, 3 (2), p. 129 (S. Daitô-jima).

1940 *Calliphara (Chrysophara) nobilis* Ishihara, Ent. World, 8 (76), p. 370 (N. Daitô-jima).

Food: Euphorbiaceae—*Croton cascarilloides* Raeusch. (Gumi-modoki).

Specimens examined: S. Daitô-jima: 5 Exs., 3. VIII. 1958 (T. Takara). N. Daitô-jima: 2 Exs., 6. VIII. 1958 (T. Takara).

III. Family PENTATOMIDAE Leach

Jap. name: Kamemushi-ka.

3. Genus *Eusarcoris* Hahn

1834 *Eusarcoris* Hahn, Wanz. Ins., 2, p. 66.

3) ***Eusarcoris ventralis* (Westwood)**

Jap. name: Shirahoshi-kamemushi.

1837 *Pentatoma ventralis* Westwood, Hope Cat. Hem., 1, p. 36.

1939 *Eusarcoris ventralis* Yashiro, Trans. Biogeogr. Soc. Japan, 3 (2), p. 129 (S. Daitô-jima).

Food: Gramineae.

Specimens examined: S. Daitô-jima: 1 Ex., 30. VII. 1958 (T. Takara).

4. Genus ***Nezara*** Amyot & Serville

1843 *Nezara* Amyot & Serville, Hist. Hem., p. 1435.

4) ***Nezara viridula* (Linné)**

Jap. name: Minami-aokamemushi.

1758 *Cimex viridulus* Linné, Syst. Nat. ed., 10, p. 444.

Food: Gramineae—*Saccharum officinarum* L.?

Specimens examined: S. Daitô-jima: 1 Ex., 2. VIII. 1958 (T. Takara).

a) *Nazara viridula* (Linné) forma *smaragdula* Ishihara, Ent. World, 8 (76), p. 370 (N. Daitô-jima) (1940).

b) *Nazara viridula* (Linné) forma *torquata* Ishihara, Ent. World, 8 (76), p. 370 (N. Daitô-jima) (1940).

IV. Family **COREIDAE** Leach

Jap. name: Herikamemushi-ka.

5. Genus ***Leptoglossus*** Guerin

1830 *Leptoglossus* Guerin, Voy. Coq. Zool., 2 (2), p. 174.

* 5) ***Leptoglossus membranaceus* (Fabricius)**

Jap. name: Ashibiro-herikamemush.

1781 *Cimex membranaceus* Fabricius, Spec. Ins., 2, p. 351.

Food: Cucurbitaceae—*Momordica charantia* L. (Nigauri).

Specimens examined: S. Daitô-jima: 2 Exs., 7. VIII. 1958 (T. Takara).

6. Genus ***Acanthocoris*** Amyot & Serville

1843 *Acanthocoris* Amyot & Serville, Hist. Hem., p. 213.

*6) **Acanthocoris sordidus** (Thunberg)

Jap. name: Hôzuki-herikamemushi.

1783 *Cimex sordidus* Thunberg, Nov. Ins. Spec., 2, p. 44.Food: Solanaceae—*Capsicum annuum* var. (Tôgarashi).

Specimens examined: S. Daitô-jima: 4 Exs., 1. VIII. 1958 (T. Takara).

7. Genus **Cletus** Stål1859 *Cletus* Stål, Freg. Eug. Resa. Ins. Hem., p. 236.7) **Cletus trigonus** (Thunberg)

Jap. name: Hoso-harikamemushi.

1783 *Cimex trigonus* Thunberg, Nov. Ins. Sp., 2, p. 37.Food: Gramineae—*Saccharum officinarum* L. (Satôkibi).

Specimens examined: S. Daitô-jima: 2 Exs., 30. VII. 1958 (T. Takara).

8) **Cletus bipunctatus** (Westwood)

Jap. name: Futaten-harikamemushi.

1842 *Coreus bipunctatus* Westwood, Hope Cat., 2, p. 23.1940 *Cletus bipunctatus* Ishihara, Ent. World, 8 (76), p. 371 (N. Daitô-jima).

Food: Unknown.

No specimens examined (Not collected).

8. Genus **Leptocoris**a Latreille1825 *Leptocoris*a Latreille, Fam. Nat., p. 421.9) **Leptocoris**a varicornis (Fabricius)

Jap. name: Kumo-herikamemushi.

1803 *Gerris varicornis* Fabricius, Syst. Rhyn., p. 260.1936 *Leptocoris*a varicornis Esaki, Mushi, 9 (1), p. 41 (N. Daitô-jima).1940 *Leptocoris*a varicornis Ishihara, Ent. World, 8 (76), p. 371 (N. Daitô-jima).Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 4 Exs., 30. VII. 1958 (T. Takara). N. Daitô-jima: 3 Exs., 6. VIII. 1958 (T. Takara).

9. Genus **Riptortus** Stål1859 *Riptortus* Stål, Öfv. Vet. Ak. Forh., p. 460.

10) **Riptortus linearis** (Fabricius)

Jap. name: Taiwan-hoso-herikamemushi.

1775 *Lygaeus linearis* Fabricius, Syst. Ent., p. 710.1939 *Riptortus linearis* Yashiro, Trans. Biogeogr. Soc. Japan, 3 (2), p. 129 (S. Daitô-jima).

Food: Unknown.

No specimens examined (Not collected).

11) **Riptortus pedestris** (Fabricius)

Jap. name: Kiboshi-hoso-herikamemushi.

1775 *Gerris pedestris* Fabricius, Syst. Ent., p. 727.1939 *Riptortus pedestris* Yashiro, Trans. Biogeogr. Soc. Japan, 3 (2), p. 129 (S. Daitô-jima).

Food: Unknown.

No specimens examined (Not collected).

10. Genus **Serinetha** Spinola1873 *Serinetha* Spinola, Essai, p. 247.* 12) **Serinetha augur** (Fabricius)

Jap. name: Aka-herikamemushi.

1781 *Cimex augur* Fabricius, Spec. Ins., 2, p. 366.Food: Euphorbiaceae—*Bischofia javanica* Blume (Akagi).

Specimens examined: S. Daitô-jima: 1 Ex., 1. VIII. 1958 (T. Takara).

V. Family **LYGAEIDAE** Schiller

Jap. name: Nagakamemushi-ka.

11. Genus **Lygaeus** Fabricius1775 *Lygaeus* Fabricius, Ent. Syst., 4, p. 133.* 13) **Lygaeus hospes** (Fabricius)

Jap. name: Ko-madara-nagakamemushi.

1794 *Spilostethus hospes* Fabricius, Ent. Syst., 4, p. 150.Food: Compositae—*Erechtites valerianaefolia* (Wolf.) (Shimahoro-giku).

Specimens examined: S. Daitô-jima: 3 Exs., 30. VII. 1958 (T. Takara). N. Daitô-jima: 4 Exs., 6. VIII. 1958 (T. Takara).

12. Genus *Ischnodemus* Fieber1836 *Ischnodemus* Fieber, in Weit. Beitr., p. 337.* 14) *Ischnodemus saccharivorus* (Okajima)

Jap. name: Kansha-kobane-nagakamemushi.

1922 *Blissus saccharivorus* Okajima, Trans. Soc. Agr. (Tokyo), (236), p. 364.Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 8 Exs., 4. VIII. 1958 (T. Takara). N. Daitô-jima: 6 Exs., 6. VIII. 1958 (T. Takara).

13. Genus *Paromius* Fieber1861 *Paromius* Fieber, Eur. Hem., p. 45 et 170.15) *Paromius seychellesus* (Walker)

Jap. name: Hoso-nagakamemushi.

1872 *Plociomerus seychellesus* Walker, Cat. Het., 5, p. 120.?1940 *Paromius ejuncidus* Ishihara, Ent. World, 8 (76), p. 371 (N. Daitô-jima).

Food: Unknown.

Specimens examined: S. Daitô-jima: 2 Exs., 3. VIII. 1958 (T. Takara).

VI. Family PYRRHOCORIDAE Fieber

Jap. name: Hoshikamemushi-ka.

14. Genus *Physopelta* Amyot & Serville1843 *Physopelta* Amyot & Serville, Hem., p. 271.16) *Physopelta cincticollis* Stål

Jap. name: Hime-hoshikamemushi.

1863 *Physopelta cincticollis* Stål Berl. Ent. Zeit., 7, p. 392.1938 *Physopelta cincticollis* Takezaki, Shizen to Shumi, 8 (1), p. 3 (N. Daitô-jima).1940 *Physopelta cincticollis* Ishihara, Ent. World, 8 (76), p. 372 (N. Daitô-jima).

Food: Unknown.

No. specimens examined (Not collected).

15. Genus *Dysdercus* Amyot & Serville1843 *Dysdercus* Amyot & Serville, Hem., p. 272.* 17) *Dysdercus megalopygus* Breddin

Jap. name: Aka-hoshikamemushi.

1909 *Dysdercus megalopygus* Breddin, Ann. Soc. Ent. Belg., 53, p. 300.

Food: Malvaceae—*Hibiscus* spp.

Specimens examined: S. Daitô-jima: 2 Exs., 4. VIII. 1958 (T. Takara).

VII. Family TINGIDAE Laporte

Jap. name: Gunbaimushi-ka.

16. Genus *Stephanitis* Stål

1873 *Stephanitis* Stål, En. Hem., 3, p. 119, 123.

* 18) *Stephanitis typica* Distant

Jap. name: Getto-gunbaimushi.

1903 *Stephanitis typica* Distant, Ann. Soc. Ent. Belg., 47, p. 47.

Food: Zingiberaceae—*Alpinia speciosa* (Wendl.) (Getto).

Specimens examined: S. Daitô-jima: 3 Exs., 30. VII. 1958 (T. Takara).

VIII. Family GERRIDAE Leach

Jap. name: Amenbo-ka.

17. Genus *Limnogonus* Stål

1868 *Limnogonus* Stål, Gen. Hem. Fabr., 1, p. 132 (Subgen.).

* 19) *Limnogonus fossarum* (Fabricius)

Jap. name: Sesuji-amenbo.

1775 *Cimex fossarum* Fabricius, Ent. Syst., p. 727.

Food: Unknown.

Specimens examined: S. Daitô-jima: 4 Exs., 3. VIII. 1958 (T. Takara).

18. Genus *Aquarius* Kirkaldy

1889 *Aquarius* Kirkaldy, Entom., 32 p. 203.

* 20) *Aquarius paludum* (Fabricius)

Jap. name: Amenbo.

1794 *Gerris paludum* Fabricius, Ent. Syst., 4, p. 188.

Food: Unknown.

Specimens examined: S. Daitô-jima: 8 Exs., 5. VIII. 1958 (T. Takara). N. Daitô-jima: 5 Exs., 6. VIII. 1958 (T. Takara).

IX. Family REDUVIIDAE Latreille

Jap. name: Sashigame-ka.

19. Genus *Sastrapada* Amyot & Serville

1843 *Sastrapada* Amyot & Serville, Hem., p. 388.

21) *Sastrapada baerensprungi* (Stål)

Jap. name: Hime-hoso-sashigame.

1859 *Harpagochares baerensprungi* Stål, Öfv. Vet. Ak. Forh., p. 381.

1940 *Sastrapada baerensprungi* Ishihara, Ent. World, 8 (76), p. 372 (N. Daitô-jima).

Food: Unknown.

No specimens examined (Not collected).

20. Genus *Oncocephalus* Klug

1830 *Oncocephalus* Klug, Symb. Phys. Dec., 2, p. —

22) *Oncocephalus philippinus* Lethierry

Jap. name: Tobiiro-sashigame.

1877 *Oncocephalus philippinus* Lethierry, Ann. Soc. Ent. France, Bull., p. —

1940 *Oncocephalus philippinus* Ishihara, Ent. World, 8 (76), p. 373 (N. Daitô-jima).

Food: Insects (*Prodenia litura* Fabricius).

Specimens examined: S. Daitô-jima: 1 Ex., 30. VII. 1958 (T. Takara).

21. Genus *Ectomocoris* Mayr

1865 *Ectomocoris* Mayr, Verh. Zool.-Bot. Ges. Wien, 15, p. 438.

23) *Ectomocoris biguttulus* Stål

Jap. name: Kiboshi-sashigame.

1870 *Ectomocoris biguttulus* Stål, Öfv. Vet. Akad. Forh., p. 692.

1938 *Ectomocoris biguttulus* Takezaki, Shizen to Shumi, 8 (1), p. 3 (N. Daitô-jima).

1940 *Ectomocoris biguttulus* Ishihara, Ent. World, 8 (76), p. 372 (N. Daitô-jima).

Food: Unknown.

Specimens examined: S. Daitô-jima: 1 Ex., 7. VIII. 1958 (T. Takara).

22. Genus *Pirates* Burmeister1835 *Pirates* Burmeister, Handb., 2, p. 222, 239.**24) *Pirates cinctiventris* Horváth**

Jap. name: Kuro-sashigame.

1879 *Pirates cinctiventris* Horváth, Termes. Fuzet., 3, p. 8.1940 *Pirates (Cleptocoris) cinctiventris* Ishihara, Ent. World, 8 (76), p. 372 (N. Daitô-jima).

Food: Unknown.

No specimens examined (Not collected).

23. Genus *Sirthenea* Spinola1840 *Sirthenea* Spinola, Ess. Hem., p. 100.*** 25) *Sirthenea flavipes* (Stål)**

Jap. name: Kihiro-sashigame.

1855 *Rasahus flavipes* Stål, Öfv. Vet. Akad. Forh., p. 187.

Food: Unknown.

Specimens examined: S. Daitô-jima: 1 Ex., 3. VIII. 1958 (T. Takara).

24. Genus *Ectrychotes* Burmeister1835 *Ectrychotes* Burmeister, Handb., 2, p. 237.**26) *Ectrychotes andreae* (Thunberg)**

Jap. name: Birôdo-sashigame.

1784 *Cimex andreae* Thunberg, Nov. Ins. Sp., 3, p. 56.1940 *Ectrychotes (sic) andreae* Ishihara, Ent. World, 8 (76), p. 372 (N. Daitô-jima).

Food: Unknown.

No specimens examined (Not collected).

X. Family *MIRIDAE* Hahn

Jap. name: Mekerakamemushi-ka.

25. Genus *Lygus* Hahn1831 *Lygus* Hahn, Wanz. Ins., 1, p. 147.*** 27) *Lygus apicalis* Fieber**

Jap. name: Midori-mekerakame.

1861 *Lygus apicalis* Fieber, Eur. Hem., p. 68, 272.

Food: Convolvulaceae—*Ipomoea batatas* var.

Specimens examined: S. Daitô-jima: 1 Ex., 4. VIII. 1958 (T. Takara).

26. Genus *Halticus* Hahn

1831 *Halticus* Hahn, Wanz. Ins., 1, p. 113.

* 28) *Halticus tibialis* Reuter

Jap. name: Kurotobi-mekurakamemushi.

1891 *Halticus tibialis* Reuter, d'Rev. Ent., 10, p. 135.

Food: Convolvulaceae—*Ipomoea batatas* var.

Specimens examined: N. Daitô-jima: 3 Exs., 6. VIII. 1958 (T. Takara).

XI. Family NOTONECTIDAE Leach

Jap. name: Matsumomushi-ka.

27. Genus *Anisops* Spinola

1837 *Anisops* Spinola, Ess., p. 58.

* 29) *Anisops* sp.

Jap. name:

Food: Unknown.

Specimens examined: S. Daitô-jima: 4 Exs., 2. VIII. 1958 (T. Takara). N. Daitô-jima: 5 Exs., 6. VIII. 1958 (T. Takara).

XII. Family CICADIDAE Latreille

Jap. name: Semi-ka.

28. Genus *Euterpnosia* Matsumura

1917 *Euterpnosia* Matsumura, Trans. Sapporo Nat. Hist. Soc., 6 (3), p. 202.

30) a) *Euterpnosia chibensis* var. *daitoensis* Matsumura

Jap. name: Himeharuzemi.

1905 *Leptopsaltria tuberosa* Matsumura (nec. Sign.), Trans. Sapporo Nat. Hist. Soc., 1 (1), p. 18 (Daitô-jima).

1917 *Euterpnosia chibensis* var. *daitoensis* Matsumura, Trans. Sapporo Nat. Hist. Soc., 6 (3), p. 203 (Daitô-jima).

1925 *Euterpnosia chibensis* var. *daitoensis* Katô, Trans. Nat. Hist. Soc. Formosa,

- 15, p. 31 (Daitô-jima).
 1927 *Euterpnosia chibensis* var. *daitoensis* Yashiro, List Ins. Roo-choo Is., p. 13 (Daitô-jima).
 1927 *Euterpnosia chibensis* var. *daitoensis* Katô, Trans. Nat. Hist. Soc. Formosa, 17 (88), p. 32 (Daitô-jima).
 1930 *Euterpnosia chibensis* var. *daitoensis* Katô, Bull. Biogeogr. Soc. Japan, 2 (1), p. 48 (Daitô-jima).
 1932 *Euterpnosia chibensis* var. *daitoensis* Katô, Monogr. Cicadidate, p. 203, 215, 280 (Daitô-jima).
 1938 *Euterpnosia chibensis* var. *daitoensis* Katô, Ent. World, 6 (50), p. 301 (Daitô-jima).

Food: Unknown.

No specimens examined (Not collected).

b) *Euterpnosia chibensis* var. *gotoi* Katô

Jap. name:

- 1936 *Euterpnosia chibensis* var. *gotoi* Katô, Ent. World, 4 (33), p. 764-765 (N. Daitô-jima).
 1938 *Euterpnosia chibensis* var. *gotoi* Kato, Ent. World, 6 (50), p. 301 (N. Daitô-jima).

Food: Unknown.

No specimens examined (Not collected).

XIII. Family **CICADELLIDAE** Latreille

Jap. name: Ôyokobai-ka.

29. Genus **Bothrogonia** Melichar

- 1926 *Bothrogonia* Melicher, Ann. Mus. Nat. Hungar., 23, p. 341.

* 31) **Bothrogonia ferruginea** (Fabricius)

Jap. name: Tsumaguro-ôyokobai.

- 1794 *Cicada ferruginea* Fabricius, Ent. Syst., 4, p. 32.

Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 2 Exs., 30. VII. 1958 (T. Takara). N. Daitô-jima: 2 Exs., 6. VIII. 1958 (T. Takara).

* 32) **Bothrogonia spectra** (Distant)

Jap. name: Shiro-ôyokobai.

- 1908 *Tettigoniella spectra* Distant, Fauna Brit. India, Rhynch., 4, p. 211.

Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 3 Exs., 30. VII. 1958 (T.

Takara). N. Daitô-jima: 2 Exs., 6. VIII. 1958 (T. Takara)

XIV. Family JASSIDAE Stål

Jap. name: Yokobai-ka.

30. Genus *Nephotettix* Matsumura

1902 *Nephotettix* Matsumura, Termesz. Fuz., 25, p. 378.

* 33) *Nephotettix cincticeps* (Uhler)

Jap. name: Tsumaguro-yokobai.

1896 *Selenocephalus cincticeps* Uhler, Proc. U. S. Nat. Mus., 19, p. 292.

Food: Unknown.

Specimens examined: S. Daitô-jima: 2 Exs., 3. VIII. 1958 (T. Takara). N. Daitô-jima: 1 Ex., 6. VIII. 1958 (T. Takara).

* 34) *Nephotettix apicalis* (Motschulsky)

Jap. name: Taiwan-tsumaguro-yokobai.

1859 *Pediopsis apicalis* Motschulsky, Étud. Ent., 7, p. 110.

Food: Unknown.

Specimens examined: S. Daitô-jima: 2 Exs., 3. VIII. 1958 (T. Takara).

31. Genus *Tartessus* Stål

1865 *Tartessus* Stål, Öfv. Vet. Akad. Forh., 22, p. 156.

* 35) *Tartessus ferrugineus* (Walker)

Jap. name: Maeguro-osa-yokobai.

1851 *Bythoscopus ferrugineus* Walker, List Homopt., 3, p. 865.

Food: Rutaceae—*Citrus* sp.

Specimens examined: S. Daitô-jima: 3 Exs., 30. VII. 1958 (T. Takara). N. Daitô-jima: 2 Exs., 6. VIII. 1958 (T. Takara).

XV. Family TYPHLOCYBIDAE Kirschbach

Jap. name: Himeyokobai-ka.

32. Genus *Chlorita* Fieber

1872 *Chlorita* Fieber, Kat. Hem. Europ. Cicad., p. 14.

* 36) *Chlorita flavescens* (Fabricius)

Jap. name: Midori-himeyokobai.

1794 *Cicada flavescens* Fabricius, Ent. Syst., 4, p. 46.

Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 2 Exs., 2. VIII. 1958 (T. Takara).

XVI. Family MEMBRACIDAE Germar

Jap. name: Tsunozemi-ka.

33. Genus *Gargara* Amyot & Serville

1843 *Gargara* Amyot & Serville, Hemip., p. 537.

* 37) *Gargara genistae* (Fabricius)

Jap. name: Maru-tsunozemi.

1781 *Cicada genistae* Fabricius, Spec. Ins., 2, p. 318.

Food: Rutaceae—*Citrus* sp.

Specimens examined: S. Daitô-jima: 5 Exs., 3. VIII. 1958 (T. Takara). N. Daitô-jima: 3 Exs., 6. VIII. 1958 (T. Takara).

XVII. Family DICTYOPHARIDAE Spinola

Jap. name: Tengusukeba-ka.

34. Genus *Dictyophara* Germar

1833 *Dictyophara* Germar, Silb. Rev. Ent., 1, p. 175.

* 38) *Dictyophara Okinawensis* (Matsumura)

Jap. name: Okinawa-tengusukeba.

1905 *Dictyophora Okinawensis* Matsumura, Trans. Sapporo Nat. Hist. Soc., 1, p. 31.

Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 2 Exs., 5. VIII. 1958 (T. Takara). N. Daitô-jima: 1 Ex., 6. VIII. 1958 (T. Takara).

For the scientific name of this species, further study will be made again in the future.

XVIII. Family MEENOPLIDAE Fieber

Jap. name: Shimaunka-ka.

35. Genus *Nisia* Melichar

1903 *Nisia* Melichar, Hom. Faun. Celon, p. 53.

* 39) *Nishia atrovenosa* (Lethierry)

Jap. name: Shimaunka.

1888 *Meenoplus atrovenosa* Lethierry, Ann. Mus. Genov., 26, p. 466.

Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 3 Exs., 31. VII. 1958 (T. Takara). N. Daitô-jima: 2 Exs., 6. VIII. 1958 (T. Takara).

XIX. Family ARAEOPIDAE Muir

Jap. name: Unka-ka.

36. Genus *Perkinsiella* Kirkaldy

1903 *Perkinsiella* Kirkaldy, Entomologist, 36, p. 179.

* 40) *Perkinsiella saccharicida* Kirkaldy

Jap. name: Satô-no-ushi-unka.
(Kurofu-tsuno-unka).

1903 *Perkinsiella saccharicida* Kirkaldy, Entomologist, 36, p. 179.

Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 7 Exs., 3. VIII. 1958 (T. Takara). N. Daitô-jima: 3 Exs., 6. VIII. 1958 (T. Takara).

37. Genus *Sogata* Distant

1906 *Sogata* Distant, Fauna Brit. India, Rhynch., 3, p. 471.

* 41) *Sogata furcifera* (Horváth)

Jap. name: Sejiro-unka.

1899 *Delphax furcifera* Horváth, Termes. Fuzetek, 22, p. 372.

Food: Gramineae—*Saccharum officinarum* L.

Specimens examined: S. Daitô-jima: 2 Exs., 4 VIII. 1958 (T. Takara).

38. Genus *Tarophagus* Zimmerman

1948 *Tarophagus* Zimmerman, Ins. Hawaii, 4, p. 245.

* 42) *Tarophagus proserpina* (Kirkaldy)

Jap. name: Taroimo-unka.

1907 *Megamelus proserpina* Kirkaldy, Haw. Sugar Pl. Ass., Bull., 3, p. 147.

Food: Araceae—*Colocasia esculentum* Schott var. (Mizuimo).

Specimens examined: S. Daitô-jima: 6 Exs., 5. VIII. 1958 (T. Takara).

XX. Family TROPIDUCHIDAE Stål

Jap. name: Gunbaiunka-ka.

39. Genus *Tambinia* Stål1859 *Tambinia* Stål, Berl. Ent. Zeitschr., 3, p. 310.* 43) *Tambinia debilis* Stål

Jap. name: Midori-gunbaiunka.

1859 *Tambinia debilis* Stål, Berl. Ent. Zeitschr., 3, p. 317.

Food: Unknown.

Specimens examined: N. Daitô-jima: 1 Ex., 6. VIII. 1958 (T. Takara).

XXI. Family ISSIDAE Spinola

Jap. name: Maruunka-ka.

40. Genus *Gergithus* Stål1870 *Gergithus* Stål, Öfv. Vet. Ak. Forh., 28, p. 756.* 44) *Gergithus variabilis* (Butler)

Jap. name: Maruunka.

1875 *Hemisphaerius variabilis* Butler, Ann. Mag. Nat. Hist., 16, p. 98.

Food: Unknown.

Specimens examined: S. Daitô-jima: 1 Ex., 7. VIII. 1958 (T. Takara).

XXII. Family FLATIDAE Spinola

Jap. name: Aobahagoromo-ka.

41. Genus *Geisha* Kirkaldy1900 *Geisha* Kirkaldy, Entomologist, 33, p. 296.45) *Geisha distinctissima* (Walker)

Jap. name: Aobahagoromo.

1858 *Poeciloptera distinctissima* Walker, List Hom. B. M. Suppl., p. 114.1939 *Gisha distinctissima* Yashiro, Trans. Biogeogr. Soc. Japan, 3 (2), p. 129 (S. Daitô-jima).Food: Rutaceae—*Citrus* sp.

Specimens examined: S. Daitô-jima: 3 Exs., 4. VIII. 1958 (T. Takara). N. Daitô-jima: 3 Exs., 6. VIII. 1958 (T. Takara).

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大東島の半翅類 (摘要)

高 良 鉄 夫

本文は南大東島および北大東島の半翅類中特に *Gymocerata* 頸角群, *Cryptocerata* 隠角群及び *Auchenorrhyncha* 頸吻群について, 従来 of 記録及び琉球大学農家政学部所蔵の標本にもとずいてまとめたものである。ここに 22 科 41 属 45 種を掲げたが, これらの中 27 種 (*印を附したものは大東島から新に記録されるものであり, *Tarophagus proserpina* タロイモウナカは琉球における未記録種である。しかしながら, これらのものは沖縄本島と共通で且つ殆んど東洋区に広く分布するものであり, 今日までの知見では, 特筆すべき様相は認められない。本文に収録されていないもので, 目下同定中の種類も若干あるが, これらのものについては別途報告する。