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<td>琉球大学農家政学部学術報告 = Science bulletin of Agriculture &amp; Home Economics Division, University of the Ryukyus (4): 11-90</td>
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Provisional List of Hemiptera (Heteroptera) in the Ryukyu Islands

By

Tetsuo TAKARA*

Introduction

There are quite a few reports concerning Hemiptera which originated in the Ryukyu Islands, but most of these reports not cover all the order. Although 56 to 87 species of Hemiptera are recorded in the reports published by Matsumura (1905), Yashiro (1927) and Sakaguchi (1927), only 34 to 59 species can be classified as Heteroptera. Moreover, some of the reports need the correction in respect to geographical distribution and scientific name of the species. Some other investigators reported a few new and unrecorded species, but the subject still calls for close and further study.

The aim of this report, therefore, is to try to clarify previous studies with dependence on the available records and specimens collected by members of the Division of Agriculture and Home Economics, University of the Ryukyus and certain ones in the Entomology collection, Faculty of Agriculture, Kyushu University.

With the correction of the scientific name, the remarks on distribution and the food habits of the species, 20 families, 113 genera, and 153 species are reported in this particular study. Twenty-nine genera and 32 species should be registered as new ones from the Ryukyu Islands.

This report should be referred to as a provisional list, because the author could not acquire some samples recorded in the previous studies and also did not have the opportunity to see some of original reports. Since a few species which are not recorded in the report are under study, a result of it will be reported later.

In publishing this report, grateful acknowledgment is given to Dr. Teiso Esaki, Professor of Kyushu University, for his constructive criticism of the manuscript. Special appreciation goes to Messrs. Shōiti Miyamoto and Terunobu Hidaka, as this report has been made possible only through their support and cooperations.

1. The Ryukyu Islands in the report include Okinawa, Miyako and Yaeyama Islands which were previously referred to as Okinawa Prefecture.
2. Food in the report are those existing in the Ryukyu Islands.

* Agriculture & Home Economics Division, University of the Ryukyus.
Enumeration of Species

I. Family CYDNIDAE Billberg, 1820
Japanese name: Tsuchi-kamemushi-ka.

1 Genus Macroscytus Fieber, 1861
1) Macroscytus subaeneus (Dallas, 1851)
Jap. name: Tsuchi-kamemushi.

1851 Aethus subaeneus Dallas, List Hem., 1, p. 116, 11.
1867 Aethus aequalis Walker, Cat. Hem., 1, p. 159, 72.
1881 Macroscytus javanus Signoret, Cydn., p. 186, f. 197.

Food: Unknown.
Local distr.: Okinawa-jima (hab. nov.).
Foreign distr.: Japan.
The mode of life of species in Japan was reported by H. Kobayashi (1954).

2. Genus Microporus Uhler, 1875
1875 Microporus Uhler, Geol. Geogr. Surv., p. 275
2) Microporus nigritus (Fabricius, 1794)
Jap. name: Maru-tsuchikamemushi, Ko-kurojigame.

1794 Cimex nigritus Fabricius, Ent. Syst., 4, p. 123.
1801 Cydnus flavicornis Wolff, loc., p. 66.
1831 Cydnus picipes Hahn, Wanz., 1, p. 185.
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1902 *Cydnius nigritus* Distant, Fauna Brit. India, Rhynchota, 1, p. 90.

**Food:** Unknown.

**Specimens examined:** Okinawa-jima: 5 Exs., 20. X. 1955 (T. Takara).

**Local distr.:** Okinawa-jima, Ishigaki-jima (hab. nov.).

**Foreign distr.:** Japan, Korea, China, Cochin-china, Burma, etc. It appears during April to October and comes to the light.

3. Genus *Geotomus* Mulsant & Rey, 1866

1866 *Geotomus* Mulsant & Rey, Pun. France, Pent., p. 34

3) *Geotomus pygmaeus* (Dallas, 1866)

Jap. name: Hime-tsuchikamemushi.

1851 *Aethus pygmaeus* Dalles, List Hem., 1, p. 120.
1902 *Geotomus pygmaeus* Distant, Fauna Brit. India, Rhynchota, 1, p. 98, f. 49.

**Food:** Unknown.

**Specimens examined:** Okinawa-jima: 8 Exs., 20. X. 1955 (T. Takara).

**Local distr.:** Okinawa-jima (hab. nov.).

**Foreign distr.:** Japan, China, Malayan Archipelago, etc.


1843 *Sehirus* Amyot & Serville, List Hem., p. 96.

4) *Sehirus niveimarginatus* (Scott, 1874)

Jap. name: Shiroheri-tsuchikamemushi, Shiroheri-gaida.


Food: Unknown.
No specimens examined.
Local distr.: Okinawa (=? Okinawa-jima).
Foreign distr.: China.

II. Family PLATASPIDAE Dallas, 1851
Jap. name: Maru-kamemushi-ka.

5. Genus Coptosoma Laporte, 1832
1832 Coptosoma Laporte, Ess. Hem., p. 73.

5) Coptosoma cribrarium (Fabricius, 1798)
Jap. name: Taiwan-marukamemushi.

1798 Cimex cribrarium Fabricius, Ent. Syst. Suppl., p. 531.
1803 Teyra cribrarium Fabricius, Syst. Rhyng., p. 143.
1843 Coptosoma cribrarium Amyot & Serville, Hem., p. 66, t. 2, f. 4.
1863 Coptosoma atomarium Voll, Ind. NeerI., p. 50.
1867 Coptosoma xanthochlora Walker, Cat. Het., 1, p. 87.
1876 Coptosoma cribrarium Athins, J. A. S. B., 56, p. 31.
1902 Coptosoma cribrarium Distant, Fauna Brit. India, Rhynchota, 1, p. 22, f. 11
1955 Taiwan-marukamemushi (Jap. name) Shiraki, Shin konchfi,8 (1), p. 35 (Okinawa-jima).

Food: Papilionaceae—Sesbania aculeata Poir (Jap. name: Tsunokusanemu).
Local distr.: Okinawa-jima, Iriomote-jima (hab. nov.).
Foreign distr.: Formosa, S. China, Philippines, Burma, India, Oriental Tropics.

6) Coptosoma sphaerula (Germar, 1839)
Jap. name: Miyako-kiberi-marukamemushi.

1839 Thyreocoris sphaerula Germar, Zeitschr., 1, p. 25.


No specimens examined.

Local distr.: Miyako-jima (Yashiro, 1940).

Foreign distr.: S. China, Java, India etc.

7) Coptosoma siamicum Walker, 1867

Jap. name:

1867 Coptosoma siamica Walker, Cat. Het., 1, p. 89.
1867 Coptosoma concinna, bellula & inclusa Walker, Cat. Het., p. 94-95.
1901 Coptosoma minima Kulig, Arch. F. Naturg, p. 224.
1901 Coptosoma pygmaeus Kulig, Arch. F. Naturg, p. 221.

Food: Unknown.


Local distr.: Okinawa-jima (hab. nov.)

Foreign distr.: Formosa, Malayan Archipelago, Burma, India and N. Australia.

This is the rare species.

6. Genus Brachyplatys Boisduval, 1835


8) Brachyplatys subaeneus (Westwood, 1837)

Jap. name: Tsuya-marukamemushi.

1837 Plataspis subaeneus Westwood, Hope Cat. Hem., 1, p. 17.
1839 Thyrocoris septus Germar, Zeitshcr., 1, p. 32.
1851 Brachyplatys subaenens Dallas, List Hem., 1, p. 70.
1867 Brachyplatys bistriga, cambodica, cognata, adjuncta & contiguæ Walker, Cat. Het., 1, p. 100-103.
1902 Brachyplatys subaeneus Distant, Fauna Brit. India, Rhyenotota, 1, p. 11.
1940 Brachyplatys subaeneus Ishihara, Ent. World, 8 (76), p. 370 (N. Daito-jima).

**Food**: Unknown.


**Local distr.**: Okinawa-jima, N. Daitô-jima, Ishigaki-jima (hab. nov.), Hateruma-jima (hab. nov.), Senkaku Is.

**Foreign distr.**: Formosa, China, Philippines, Malay, Andaman, Ceylon, India, Oriental Tropics and Africa.

9) **Brachyplatys vahlii** (Fabricius, 1787)

Jap. name: Kamemushi-ka.

1787 *Cimex vahlii* Fabricius, Mant., 2, 283.
1801 *Cimex vahlii* Coquillett, Ill., 2, p. 79, t. 18, f. 14.
1839 *Thyrocoris vahlii* var. Germar, Zeitschr., 1. p. 33. 23.
1843 *Plataspis vahlii* Amyot & Serville, Hem., p. 64. 2.
1876 *Brachyplatys vahlii* Stål, Enum. Hem., 5, p. 7.

**Food**: Unknown.

**No specimens examined.**

**Local distr.**: Okinawa (=? Okinawa-jima).

**Foreign distr.**: Philippines, Malay, Burma, India, etc.

III. **Family PENTATOMIDAE** Leach, 1815

Jap. name: Kamemushi-ka.

7. Genus **Cantao** Amyot & Serville, 1843

1843 *Cantao* Amyot & Serville, Hem., p. 29.

10) **Cantao ocellatus** (Thunberg, 1784)

Jap. name: Akagi-kamemushi.

(Pl. I, fig. 1)

1835 *Callidea dispar* Burmeister, Handb, (2), 1, p. 394, 5.
1839 *Calliphara dispar* Germar, Zeitschr., 1, p. 123, 1.
1843 *Cantao dispar* Amyot & Serville, Hem., p. 29, 1.
1851 *Cantao ocellatus* Dallas, List Hem., 1, p. 17, 1.
1902 *Cantao ocellatus* Distant, Fauna Brit. Ind. &. Rhychnota, 1, p. 43, f. 18.
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1927 Cantao (sic) ocellatus Yashiro, List Ins. Roo-choo Is., p. 10 (Okinawa).
1930 Cantao ocellatus Yashiro, List Ins. Roo-choo Is., p. 10 (Okinawa).

Food: Euphorbiaceae—Bischofia javanica Blume (Akagi).


Local distr.: Okinawa-jima, Ishigaki-jima, Irimoto-jima.

Foreign distr.: Japan (Amami-oshima), Formosa, China, Philippines, Malay, Sumatra, Java, India.

We can find the emerged insect almost year round, but especially we can find many of them in June to September, and in this species there are many varieties according to their colours and spots.

8. Genus Brachyaulax Stål, 1870


11) Brachyaulax miyakonus Matsumura, 1905

Jap. name: Miyako-kinkamemushi.

(Pl. II, fig. 10)

1915 Brachyaulax miyakonus Mitsuhashi, Ins. World, 19 (219), p. 483 (Miyako-jima)
1933 Philia miyakonis Kato, Colour Illust. Ins. Japan, 5, pl. 1, f. 6 (Miyako-jima).
Food: Unknown.  

Local distr.: Okinawa-jima (hab. nov. ?), Miyako-jima, Ishigaki-jima, Iriomote-jima.

Foreign distr.: Unknown.

9. Genus **Eucorysses** Amyot & Serville, 1843

1843 *Eucorysses* Amyot & Serville, Hist. Hem., p. 31.

12) **Eucorysses grandis** (Thunberg, 1783)

Jap. name: Ō-kinkamemushi.

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<td>1783</td>
<td>Cimex grandis</td>
<td>Thunberg, Nov. Ins. Spec., 2, p. 31, pl. 2, f. 46.</td>
</tr>
<tr>
<td>1839</td>
<td>Calliphara grandis</td>
<td>Germar, Zeitschr., 1, p. 122.</td>
</tr>
<tr>
<td>1843</td>
<td>var. Eucorysses pallescens</td>
<td>Amyot &amp; Serville, Hem., p. 31, 1, pl. 1, f. 4.</td>
</tr>
<tr>
<td>1851</td>
<td>Callidea grandis</td>
<td>Dallas, List Hem., 1, p. 23.</td>
</tr>
<tr>
<td>1863</td>
<td>Callidea baro Voll</td>
<td>Fauna Ind. Neerl, 1, p. 17, 3.</td>
</tr>
<tr>
<td>1902</td>
<td>Chrysocoris grandis</td>
<td>Distant, Fauna Brit. India, Rhynchota, 1, p. 54.</td>
</tr>
<tr>
<td>1930</td>
<td>Chrysocoris grandis</td>
<td>Matsumura, Illust. Thous. Ins. Japan, 1, p. 82 (Okinawa)</td>
</tr>
<tr>
<td>1932</td>
<td>Chrysocoris grandis</td>
<td>Matsumura, Illust. Common Ins. Japan, 4 p. 76 (Okinawa)</td>
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Food: Rubiaceae—*Gardenia jasminoides var. grandiflora* Nakai (Kuchinashi), *Gardenia japonica* Thunb. (Ko-kuchinashi).


Local distr.: Okinawa-jima, Ishigaki-jima, Iriomote-jima.

Foreign distr.: Japan, Formosa, China, Thai, Burma, Java, Assam, India, etc.

The mode of life of this species in Japan was reported by T. Ishihara (1941).

10. Genus **Calliphara** Germar, 1839

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

13) **Calliphara nobilis** (Linné, 1763)

Jap. name: Nanahoshi-kinkamemushi.

(Pl. I, fig. 2)

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<td>1763</td>
<td>Cimex nobilis</td>
<td>Linné, Cent. Ins., p. 17.</td>
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Scutellera buquetia Guercio, Voy. Coq., Ins., p. 159 et 162.

Callidea nobilis Germar, Zeit. Ent., 1, p. 117.

Callidea nobilis Dallas, List Hem., 1, p. 32, 26.

Calliphara nobilis Stål, En. Hem., 3, p. 17.

Calliphara nobilis Distant, Fauna Brit. India, Rhynchota, 1, p. 59, f. 23.


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


Nanahoshi-kinkamemushi Shiraki, Shin Konchū, 7 (6), p. 36 (Miyako-jima).

Nanahoshi-kinkamemushi Shiraki, Shin Konchū, 8 (1), p. 35 (Okinawa-jima).

Food: Aceraceae—Acer oblongum Wall. (Kusunoha-kaede). Euphorbiaceae—Macaranga tanarius (L.) (O-bagi).


Local distr.: Okinawa-jima, Daito-jima, Miyako-jima, Ishigaki-jima, Iriomote-jima.

Foreign distr.: Formosa, China, Philippines, Burma, Malay, Borneo, Celebes, Java, India, etc.

11. Genus Graphosoma Laporte, 1832

1832 Graphosoma Laporte, Essai, p. 70.

14) Graphosoma rubrolineatum (Westwood, 1873)

Jap. name: Akasuji-kamemushi.

Scutellera rubrolineatum Westwood, Hope Cat., 1 p. 12.


1941 Graphosoma rubrolineatum Masaki, Collect. and Breed., 3 (4), p. 109 (Senkaku Is.).


Foreign distr.: Japan, Korea, China and Siberia.

12 Genus Scotinophara Stål, 1867

15) Scotinophara lurida (Burmeister, 1834)
Jap. name: Kuro-kamemushi, Ine-kuro-kamemushi.

(Pl. II, fig. 11)
Provisional list of Hemiptera (Heteroptera) in the Ryukyu Islands


Food: Gramineae—Oryza sativa L. (Ine) et Saccharum officinarum L. (Satō-kibi).


Foreign distr.: Japan, Korea, China, Formosa, India, etc.

It appears during April to October. Important injurious insect of the rice plant in the Ryukyus we can find especially many of this species at the area of steep mountain valleys.

13. Genus Erthesina Spinola, 1837

1837 Erthesina Spinola, Essai, p. 291.

16) Erthesina fullo (Thunberg, 1783)

Jap. name: Kimadara-kamemushi.

1794 Cimex mucoreus Fabricius, Ent. Syst., 4, p. 117.
1837 Erthesina mucoreus Spinola, Ess., p. 291.
1851 Erthesina fullo Dallas, List Hem., 1, p. 183.
1867 Palpada japonica Walker, Cat. Het., 1, p. 228.
1954 Erthesina fullo Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 16 (Okinawa Is., Ishigaki Is.).

Food: Papilionaceae—Acacia confusa Merr. (Sōshiju) (Yashiro, 1927).

No specimens examined.

Local distr.: Okinawa-jima, Ishigaki-jima.

Foreign distr.: Japan (Nagasaki Pref.), Formosa, China, Philippines, Malay, Ceylon, Assam, India, Oriental tropics.
14. Genus *Neodius* Stål, 1867


17) *Neodius depressus* (Ellenrieder, 1862)

Jap. name: Tobiiro-kamemushi.

(Pl. II, fig. 12)


*Food: Unknown.*


*Local distr.:* Okinawa-jima (hab. nov.).

*Foreign distr.:* Formosa, Borneo, Sumatra, etc.

15 Genus *Lagynotomus* Breddin, 1906


18) *Lagynotomus elongatus* (Dallas, 1851)

Jap. name: Ine-kamemushi.

(Pl. II, fig. 13)

1851 *Pentatoma elongata* Dallas, List Hem., 1, p. 246.
1902 *Aenaria elongata* Distant, Fauna Brit. India, Rhynchota, 1, p. 141, f. 82.
1929 *Lagynotomus assimulans* Esaki, Kontyu, 3 (2), p. 75.

*Food:* Gramineae—*Oryza sativa* L. et *Saccharum officinarum* L.

Provisional list of Hemiptera (Heteroptera) in the Ryukyu Islands

Local distr.: Okinawa-jima, Ishigaki-jima, Iriomote-jima.
Foreign distr.: Japan, Formosa, China.

Important injurious of the rice plant in the Ryukyus. It comes out in a limited place.

16. Genus Eysarcoris Hahn, 1834
1834 Eysarcoris Hahn, Wanz, Ins., 2. p. 66.

19) Eysarcoris ventralis (Westwood, 1837)
Jap. name: Shirahoshi-kamemushi.

1837 Pentatoma ventralis Westwood, Hope Cat. Hem., 1, p. 36.
1851 Eysarcoris distacta Dallas, List Hem., 1, p. 226.
1851 Stallia distacta Athins, J. A. S. B., 57, p. 40.
1915 Busarcoris ventralis Esaki, Ins. World, 19 (209), p. 15 (Ryukyu)
1944 Busarcoris ventralis Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 16 (Okinawa Is., Ishigaki Is., Iriomote Is.).

Food: Gramineae.


Foreign distr.: Japan, Formosa, China, Philippines, Sumatra, Java, India, etc.

20) Eysarcoris guttiger (Thunberg, 1783)
Jap. name: Maru-shirahoshi-kamemushi.

1837 Pentatoma punctipes Westwood, in Hope Cat., 1, p. 36.
1851 Busarcoris guttiger Dallas, List Hem., 1, p. 228.
1876 *Stallia guttiger* Stål, En. Hem., 5, p. 81.
1902 *Eusarcoris guttiger* Distant, Fauna Brit. India, Rhynchota, 1, p. 165.
1927 *Eusarcoris guttiger* (sic) Sakaguchi, List Ins. Okinawa Is., p. 27.
1954 *Eusarcoris guttiger* Shiraki, Cat. Injurt. Ins. Ryukyu Is., p. 16 (Okinawa Is.).

**Food:** Compositae—*Cirsium liukiwense* Nakai (Ryukyu-shirobanazami) et *Erigeron linifolium* Willd. (Arechi-nogiku).


**Local distr.:** Okinawa-jima, Miyako-jima, Ishigaki-jima, Iriomote-jima, Yonaguni-jima, Senkaku Is.

**Foreign distr.:** Japan, Formosa, China, Burma, India, Oriental tropics.

17. **Genus Carbula** Stål, 1864
1864 *Carbula* Stål, Hem. Afr., 1, p. 140.

21) **Carbula crassiventris** (Dallas, 1849)

Jap. name: Taiwan-toge-kamemushi.

1902 *Carbula crassiventris* Distant, Fauna Brit. India, Rhynchota, 1, p. 170, f. 102.
1955 Taiwan-toge-kamemushi shiraki, Shin Konchū, 8 (1), p. 35 (Okinawa-jima).

**Food:** Compositae—*Cirsium liukiwense* Nakai (Ryukyu-shirobanazami).

**Specimens examined:** Okinawa-jima: 10 Exs., 10. IV. 1955 (T. Takara).

**Local distr.:** Okinawa-jima.

**Foreign distr.:** Formosa, Burma, India, etc.

22) **Carbula obtusangula** Reuter, 1881

Jap. name: Katabiro-kamemushi.


**Food:** Unknown.
No specimens examined.
Local distr.: Okinawa (=? Okinawa-jima).
Foreign distr.: China.

18. Genus Halyomorpha Mayr, 1864

23) Halyomorpha brevis (Walker, 1867)

Jap. name: Kusagi-kamemushi, Chabane-kamemushi, Gobō-kusagame.

1902 Halyomorpha picus Distant, Fauna Brit. India, Rhynchota 1, p. 152, f. 91.

Food: Citrus (Shiraki, 1954).
No specimens examined.
Local distr.: Okinawa-jima, Ishigaki-jima, Iriomote-jima.
Foreign distr.: Japan, Formosa, China, Malay, Burma, India, Oriental region.

19. Genus Agonoscelis Spinola, 1837
1837 Agonoscelis Spinola, Essai, p. 327.

24) Agonoscelis nubila (Fabricius, 1775)

Jap. name: Ayanami-kamemushi.

1775 Cimex nubilis Fabricius, Syst. Ent., p. 712.
1902 Agonoscelis nubila Distant, Fauna Brit. India, Phynchota, 1, p. 189.
1913 Agonoscelis nubila Matsumura, Thous, Ins. Japan, Addit., 1, p. 117 (Okinawa).


Local distr.: Okinawa-jima, Ishigaki-jima, Iriomote-jima, Kuroshima, Yonaguni-jima.

Foreign distr.: Japan, Formosa, China, Philippines, Indo-china, Malay, Burma, Ceylon, India, Oriental region.

20. Genus *Eurydema* Laporte, 1832

1832 *Eurydema* Laporte, Essai, Hem., p. 61.

25) *Eurydema pulchra* (Westwood, 1837)

Jap. name: Hime-nagame, Taiwan-nagame, Okinawa-game.

1837 *Pentatoma pulchra* Westwood, Hope Cat., 1, p. 34.
1851 *Strachia pulchrum* Dallas, List Hem., 1, p. 258.
1902 *Eurydema pulchrum* Distant, Fauna Brit. India, Rhynchota, 1, p. 190, f. 114.
1927 *Eurydema pulchrum* Yashiro, List Ins. Roo-choo Is., p. 11 (Okinawa)
1954 *Eurydema pulchra* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 16 (Okinawa Is.,)

Food: Cruciferae.


Local distr.: All Ryukyu Is.

Foreign distr.: Japan, Formosa, China, Philippines, Burma, Java, Sumatra, India, Oriental region.
21. **Genus Alcimocoris** Bergroth, 1891

26) **Alcimocoris japonensis** (Scott, 1880)

   Jap. name: Ushi-kamemushi.


*Food:* Unknown.
*No specimens examined.*
*Local distr.:* Okinawa-jima.
*Foreign distr.:* Japan, Formosa.

22. **Genus Nezara** Amyot & Serville, 1843

27) **Nezara viridula** (Linné, 1758)

   Jap. name: Minami-aokamemushi, Ao-kamemushi.

1775 *Cimex smaragdula* Fabricius, Syst. Ent., p. 711.
1902 *Nezara viridula* Distant, Fauna Brit. India, Rhynchota, 1, p. 220.
1937 *Nezara viridula* Shiraki, Insect and Nature, 2 (4-5-6), p. –


Foreign distr.: Japan (Amami-oshima), Formosa, China, Philippines, Malay, India, Africa, etc.

Important injurious insect of the rice plant in the Ryukyus. It comes out in a limited place.

28) Nezara antennata Scott, 1874

Jap. name: Ao-kusakamemushi.

1902 Nezara antennata Distant, Fauna Brit. India, Rhynchota, 1, p. 220.

Food: Unknown.

No specimens examined.

Local distr.: Okinawa-jima.

Foreign distr.: Japan, China, Korea.

23. Genus Plautia Stål, 1864


29) Plautia ståli Scott, 1874

Jap. name: Chabane-aokamemushi, Haneaka-aokamemushi.

1927 Plautia ståli Sakaguchi, List Ins. Okinawa Is., p. 28.
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30) **Plautia splendens** Distant, 1900

Jap. name: Hime-chabane-aokamemushi.


**Food:** Unknown.


**Local distr.:** Okinawa-jima, Miyako-jima (hab. nov.), Ishigaki-jima.

**Foreign distr.:** Japan.

24. **Genus Menida** Motschulsky, 1861


31) **Menida histrio** (Fabricius, 1787)

Jap. name: Aka-kamemushi.

1787 *Cimex histrio* Fabricius, Mant. Ins., 2, p. 296.
1868 *Antestia histrio* Stål, Hem. Fabr., 1, p. 34.
1902 *Menida histrio* Distant, Fauna Brit. India, Rhynchota, 1, p. 228.

**Food:** Oryza sativa L. et Saccharum officinarum L. (Shiraki, 1954).

No specimens examined.

**Local distr.:** Ishigaki-jima, Iriomote-jima.

**Foreign distr.:** Formosa, China, Burma, India, etc.

25. **Genus Piezodorus** Fabricius, 1861


32) **Piezodorus rubrofasciatus** (Fabricius, 1787)

Jap. name: Ichimonji-kamemushi, Akasuji-aokamemushi.

1787 *Cimex rubrofasciatus* Fabricius, Mant. Ins., 2, p. 293.
1798 *Cimex flavescens* Fabricius, Ent. Syst. Suppl., p. 534.
1837 *Rhapigaster flavolineatus* Westwood, Hope Cat., 1, p. 31.
1902 *Piezodorus rubrofasciatus* Distant, Fauna Brit. India, Rhynochota, 1, p. 225, f. 142.

**Food:** Leguminosae—*Glycine Max* Merrill (Daizu), *Phaseolus angularis* Wight. (Azuki), etc.


**Local distr.:** Okinawa-jima, Miyako-jima, Ishigaki-jima, Iriomote-jima.

**Foreign distr.:** Japan, Formosa, China, Malay, Burma, Bengal, Ceylon, Assam, India Australia, Africa, etc.

26. Genus *Rhynchocoris* Westwood, 1837
1837 *Rhynchocoris* Westwood, Hope Cat., 1, p. 29.

33) *Rhynchocoris humeralis* (Thunberg, 1783)

*Jap. name: Mikan-togekamemushi, Kuchinaga-kamemushi.*

(Pl. I, fig. 3)

1902 *Rhynchocoris humeralis* Distant, Fauna Brit India, Rhynochota, 1, p. 212, f. 133.

**Food:** Citrus spp.


**Local distr.:** Okinawa-jima (hab. nov.), Ishigaki-jima (hab. nov.).

**Foreign distr.:** Formosa, China, Philippines, Indo-china, Thai, Java, Burma, India, etc.

On the mode of life this species in the Formosa is reported by R. Takahashi (1940).
27. Genus **Amblycara** Bergroth, 1891


34) **Amblycara gladiatoria** (Stål, 1876)

Jap. name: Iwasaki-8-togekamemushi.

1876 *Abeona gladiatoria* Stål, Enu. Hem., 5, p. 102.
1902 *Amblycara gladiatoria* Distant, Fauna Brit. India, Rhynchota, 1, p. 217, f. 137.
1937 *Amblycara gladiatoria* Esaki, Mushi, 10 (2), p. 89, t. 8, f. 2 (Ishigaki-jima).

**Food**: Unknown.

**Specimens examined**: Ishigaki-jima: 1 Exs., 7. VII. 1936 (T. Iwasaki) (Specimen in Kyushu Univ.).

**Local distr.**: Ishigaki-jima.

**Foreign distr.**: Ceylon, E. India.

28. Genus **Cantheconidea** Schouteden, 1907

1907 *Cantheconidea* Schouteden, Gen. Ins. Fasc., 52, p. 52.

35) **Cantheconidea furcellata** (Wolff, 1801)

Jap. name: Ki-shimofuri-harikamemushi, Hari-kuchibutokame, Ki-shimofuri-hari-kuchibutokamemushi.

(Pl. I, fig. 4)

1902 *Canthecona furcellata* Distant, Fauna Brit. India, Rhynchota, 1, p. 248, f. 158.
1927 *Canthecona furcellata* Yashiro, List Ins. Roo-choo Is., p. 10 (Okinawa).

**Food**: Prodenia litura Fabricius (Hasumon-yotō).


**Local distr.**: Okinawa-jima, Ishigaki-jima, Iriomote-jima (hab. nov.)

**Foreign distr.**: Japan, Formosa, China, Malay, India, etc.

On the food habit of this species in the Formosa there is a report by J. Sonan (1921).
29. Genus Andrallus Bergroth, 1906

36) Andrallus spinidens (Fabricius, 1787)

(Pl. I, fig. 5)

1851 Picromerus spinidens Dallas, List Hem., 1, p. 95.

Food: Prodenia litura Fabricius (Hasumon-yotô).
Local distr.: Okinawa-jima, Ishigaki-jima, Iriomote-jima (hab. nov.).
Foreign distr.: Japan, Formosa, China, Borneo, Sumatra, India, etc.

On the food habit of this species in the Formosa there is a report by J. Sonan (1921).

1843 Zicrona Amyot & Serville, Hist. Hem., p. 86.

37) Zicrona caerulea (Linne, 1758)
Jap. name: Ruri-kuchibuto-kamemushi.

1834 Pentatoma caerulea Hahn, Wanz. Ins., 2, p. 65.
1840 Steretrus caerulea Blanch, Nat. Ins., p. 154.
1902 Zicrona caerulea Distant, Fauna Brit. India, Rhynhota, 1, p. 255.

Food: Prodenia litura Fabricius (Hasumon-yotô), Phyllotreta striolata Fabricius (Kisuji-nomihamushi).
Specimens examined: Okinawa-jima: 2 Exs., 26. VI. 1955

Local distr.: Okinawa-jima, Ishigaki-jima (hab. nov.?), Iriomote-jima (hab. nov.).

Foreign distr.: Japan, Formosa, China, Philippines, Borneo, Java, Sumatra, Burma, India, Canada, etc.

The mode of life and the value of use in Japan is reported by H. Kobayashi (1955).

31. Genus Cyclopelta Amyot & Serville, 1843

1843 *Cyclopelta* Amyot & Serville, Hem., p. 172.

38) *Cyclopelta parva* Distant, 1900

Jap. name: Ko-kabocha-kamemushi, Kabocha-kamemushi.

1902 *Cyclopelta parva* Distant, Fauna Brit. India, Rhynchota, 6, p. 280.

Food: *Citrullus vulgaris* Schrad. (Suika) et *Cucurbita moschata* var. (Kabocha) (Shiraki, 1954).
No specimens examined.
Local distr.: Iriomote-jima.
Foreign distr.: Formosa, China, India, etc.

32. Genus Aspongopus Laporte, 1832

1832 *Aspongopus* Laporte, Ess. Hem., p. 58.

39) *Aspongopus chinensis* Dallas, 1851

Jap. name: Tsumaki-kurokamemushi.

1851 *Aspongopus chinensis* Dallas, List Hem., 1, p. 349.

Food: Unknown.
No specimens examined.
Local distr.: Okinawa (=? Okinawa-jima).
Foreign distr.: Formosa, China, Assam, India.

33. Genus Starioides Matsumura, 1913


40) *Starioides iwasakii* Matsumura, 1913

Jap. name: Iwasaki-kamemushi.


**Food:** Unknown.
**No specimens examined.**
**Local distr.:** Ishigaki-jima.
**Foreign distr.:** Unknown.

34. **Genus Massocephalus** Dallas, 1851


41) **Massocephalus maculatus** Dallas, 1851

**Jap. name:** Hoshi-aokamemushi.


**Food:** Unknown.
**No specimens examined.**
**Local distr.:** Okinawa (=? Okinawa-jima).
**Foreign distr.:** China, Philippines.

35. **Genus Gonopsis** Amyot & Serville, 1843


42) **Gonopsis affinis** (Uhler, 1860)

**Jap. name:** Ebiiro-kamemushi.

(Pl. I, fig. 6)

1876 *Gonopsis affinis* Stål, Ent. Hem., 5, p. 121.

**Food:** Gramineae—*Oryza sativa* L., *Saccharum officinarum* L. et Miscanthus spp.

Local distr.: Okinawa-jima, Zamami-jima, Ishigaki-jima (hab. nov.).
Foreign distr.: Japan, China.
The mode of life of this species in Japan is reported by H. Kobayashi (1954).

36. Genus Eumenotes Westwood, 1847
1847 Eumenotes Westwood, Tr. Ent. Soc., 4, p. 246.
43) Eumenotes obscura Westwood, 1847
Jap. name: Hirozu-kamemushi.
(Pl. II, fig. 14)
1847 Eumenotes obscura Westwood, Tr. Ent. Soc., 4, p. 247, pl. 18, f. 4.
Food: Ipomoea sp.?
Local distr.: Okinawa-jima (hab. nov.).
Foreign distr.: Japan (Amami-ōshima), Formosa, Malay Archipelago, Burma, India.

IV. Family Coreidae Leach, 1815
Jap. name: Heri-kamemushi-ka.

37. Genus Anoplocnemis Stål, 1873
1873 Anoplocnemis Stål, Ent. Hem., 3, p. 47.
44) Anoplocnemis castanea (Dallas, 1852)
Jap. name: Ashibuto-heri-kamemushi.
(Pl. I, fig. 7)
1852 Mictis castanea Dallas, List Hem., 2, p. 389.
1902 Anoplocnemis phasiana Distant, Fauna Brit. India, Rhynchota, 1, p. 347.
1933 Anoplocnemis castanea Kato, Colour Illust. Ins. Japan, 5, pl. 15, f. 7 (Ryukyu).
1941 Anoplocnemis castanea Masaki, Collect. and Breed., 3 (4), p. 109 (Senkaku Is.).

**Food:** Leguminosae—*Canavalia ensiformis* var. *gladiata* Makino (Nata-name), *Phaseolus angularis* Wight. (Azuki), *Erythrina variegata* var. *orientalis* L. (Deigo), etc.


**Local distr.:** Okinawa-jima (hab. nov.?), Miyako-jima (hab. nov.), Ishigaki-jima, Iriomote-jima, Senkaku Is.

**Foreign distr.** Formosa, China, Philippines, Malay, Burma, Ceylon, India, Oriental region.

Important injurious insect of various kinds of beans in the Ryukyus. It appears exactly during months July to August.

38. Genus *Homoeocerus* Burmeister, 1835

1835 *Homoeocerus* Burmeister, Hadb., 2, 1, p. 316.

45) **Homoeocerus unipunctatus** (Thunberg, 1783)

Jap. name: Hoshi-harabiro-herikamemushi, Hoshi-herikamemushi.

1873 *Homoeocerus unipunctatus* Stål, Enum. Hem., 3, p. 60.
1955 Hoshi-harabiro-herikamemushi Shiraki, Shin Konchu, 8 (1), p. 35 (Okinawa-jima).

**Food:** Leguminosae?

**Specimens examined:** Okinawa-jima: 2 Exs., 26. VI. 1955 (T. Takara).

**Local distr.** Okinawa-jima.

**Foreign distr.** Japan, Formosa, China, Java, Burma, Ceylon, India, etc.

39. Genus *Iwasakia* Matsumura, 1913

1913 *Iwasakia* Matsumura, Thous, Ins. Japan, Addit., 1, p. 132

46 **Iwasakia signata** (Walker, 1871)

Jap. name: Iwasaki-herikamemushi.

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1902 Homoeocoris signatus Distant, Fauna Brit. India, Rhynchota, 1, p. 356.
1927 Iwasakia biguttata Sakaguchi, List Ins. Okinawa Is., p. 27.

Food: Unknown.
No specimens examined.
Local distr.: Ishigaki-jima.
Foreign distr.: India.

40. Genus Anacanthocoris Uhler, 1860


47) Anacanthocoris concoloratus (Uhler, 1860)

Jap. name: Azuki-herikamemushi.

1927 Homoeocerus concoloratus Sakaguchi, List Ins. Okinawa Is., p. 27.
1929 Anacanthocoris concoloratus Esaki, Kontyu, 3 (4), p. 228 (Japan, S. China).

Food: Leguminosae—Phaseolus angularia Wight. (Azuki) et Glycine max Merrill (Daizu).
Local distr.: Okinawa-jima, Tokashiki-jima.
Foreign distr.: Japan, China.

41. Genus Leptoglossus Guerin, 1830


48) Leptoglossus membranaceus (Fabricius, 1781)

Jap. name: Ashibiro-herikamemushi.

(Pl. I, fig. 8)

1794 Lygaeus membranaceus Fabricius, Ent. Syst., 4, p. 139.
1927 *Leptoglossa membranaceus* (sic) Sakaguchi, List Ins. Okinawa Is., p. 27.
1937 *Leptoglossus membranaceus* Esaki, Akitau, 1 (1), p. 3 (Okinawa, Yaeyama).
1945 *Leptoglossus membranaceus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 18 (Okinawa Is., Ishigaki Is., Iriomote Is.).

**Food:** Cucurbitaceae—*Momordica charantia* L. (Nigauri), *Luffa cylindrica* Roem. (Hechima), etc. Malvaceae—*Gossypium indicum* Lam. (Wata).


**Local distr.:** Okinawa-jima, Kume-jima, Miyako-jima, Ishigakijima, Iriomote-jima, Yonaguni-jima.

**Foreign distr.:** Formosa, Philippines, Malay, Java, Burma, Ceylon, India, Australia, Africa, etc.

Important injurious insect of various kinds of melons in the Ryukyus. It appears exactly during months July to August.

42. **Genus Acanthocoris** Amyot & Serville, 1843

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

49) **Acanthocoris sordidus** (Thunberg, 1783)


1783 *Cimex sordidus* Thunberg, Nov. Ins. Spec., 2, p. 44.
1931 *Acanthocoris sordidus* Matsumura, 6000 Illust. Ins. Japan-Empire, p. 1190
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1933 *Acanthocoris sordidus* Hirayama, Illust. Thous. Ins. Nat. colour, pl. 92, f. 6 (Ryukyu).
1933 *Acanthocoris sordidus* Kato, Colour Illust. Ins. Japan, 5, pl. 17, f. 7 (Ryukyu).
1934 *Acanthocoris sordidus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 17 (Okinawa Is.).
1933 *Acanthocoris sordidus* Hiranai, Illust. Thous. Ins. Nat. colour, pl. 92, f. 6 (Ryukyu).
1954 *Acanthocoris sordidus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 17 (Okinawa Is.).
1954 *Acanthocoris sordidus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 17 (Okinawa Is.).
1954 *Acanthocoris sordidus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 17 (Okinawa Is.).
1954 *Acanthocoris sordidus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 17 (Okinawa Is.).
1954 *Acanthocoris sordidus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 17 (Okinawa Is.).
1954 *Acanthocoris sordidus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 17 (Okinawa Is.).


Local distr.: All Ryukyu Is.
Foreign distr.: Japan, Korea, Formosa, China, etc.

Almost we can find this species through the year. This species injures every crops, especially many Solanaceae crops and sweet potato in the mountain valleys.

43. Genus *Cletus* Stål, 1859


50) *Cletus trigonus* (Thunberg, 1783)


1902 *Cletus trigonus* Distant, Fauna Brit. India, Rhynchota, 1, p. 394.

**Food**: Gramineae—Oryza sativa L., Saccharum officinarum L., etc.


**Local distr.**: All Ryukyu Is.

**Foreign distr.**: Japan, Korea, Formosa, China, Philippines, Borneo, Ceylon, India, Oriental region.

The important injurious insect of the rice plant in the Ryukyus. It comes out in a limited area and especially causes great damage often the ear stage of the first crop of the year.

51) **Cletus punctiger** (Dallas, 1852)

Jap. name: Taiwan-hoso-harikamemushi.

1852 Gonocerus punctiger Dallas, List Hem., 2, p. 494.

**Food**: Oryza sativa L. et Gramineous plants (Shiraki, 1954).

**No specimens examined**.

**Local distr.**: Iriomote-jima, Yonaguni-jima.

**Foreign distr.**: Formosa, China, India, etc.

52) **Cletus bipunctatus** (Westwood, 1842)

Jap. name: Futaten-harikamemushi.

1842 Coreus bipunctatus Westwood, Hope Cat., 2, p. 23.

**Food**: Oryza sativa L. et Saccharum officinarum L. (Shiraki, 1954).

**No specimens examined**.

**Local distr.**: Okinawa-jima, N. Daitô-jima, Ishigaki-jima, Iriomote-jima.

**Foreign distr.**: Japan, Formosa, China, Java, Burma, India, etc.
44. Genus *Metacletus* Matsumura, 1913


53) *Metacletus bivittatus* Matsumura, 1913

Jap. name: Futasuji-harikamemushi.


*Food:* Unknown.
*No specimens examined.*
*Local distr.:* Okinawa-jima, Ishigaki-jima.
*Foreign distr.:* Unknown.

45. Genus *Leptocorisa* Latreille, 1825


54) *Leptocorisa varicornis* (Fabricius, 1803)

Jap. name: Kumo-herikamemushi, Kumo-kamemushi.

1927 *Leptocorisa varicornis* Sakaguchi, List Ins. Okinawa Is., p. 27.
1954 Leptocorisa varicornis Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 18 (Okinawa Is.,
Ishigaki Is., Iriomote Is.).

Food: Gramineae—Oryza sativa L., Saccharum officinarum L., etc.

Local distr.: All Ryukyu Is.
Foreign distr.: Japan, Korea, Formosa, China, Philippines, Indo-
china, Malay, Burma, Ceylon, India, Oriental tropics.

The important injurious insect of the rice plant in the Ryukyus. We can find this species all the year round. It causes great damage especially at the first crop of the year.

55) Leptocorisa acuta (Thunberg, 1783)

Jap. name: Taiwan-kumo-herikamemushi.

Food: Gramineae—Oryza sativa L., Saccharum officinarum L., etc.

Local distr.: Iriomote-jima, Yonaguni-jima, Senkaku Is.
Foreign distr.: Formosa, Philippines, Malay, India, Oriental tropics, Australia.

46. Genus Riptortus Stål, 1859

56) Riptortus clavatus (Thunberg, 1783)

Jap. name: Hoso-herikamemushi.

(Pl. I, fig 9)

1783 Cimex clavatus Thunberg, Nov. Ins. Sp., 2, p. 34, pl. 2, f. 4.
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1954 *Riptortus clavatus* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 18 (Okinawa Is.).

**Food:** Leguminosae—*Phaseolus angularis* Wight., *Glycine max* Merrill, *Cassia* spp., etc.


**Local distr.:** Okinawa-jima, Miyako-jima (hab. nov. ?), Ishigaki-jima, Yonaguni-jima (hab. nov).

**Foreign distr.:** Japan, Korea, Formosa, China, Java, etc.

Important injurious insect of various kinds of beans in the Ryukyus. It appears exactly during months July to August.

57) *Riptortus fuscus* (Fabricius, 1798)

**Jap. name:**

1842 *Alydus ventralis* Westwood, in Hope Cat., 2, p. 20.

**Food:** *Oryza sativa* L. et *Saccharum officinarum* L. (Yashiro, 1927).

**No specimens examined.**

**Local distr.:** Okinawa-jima.

**Foreign distr.:** Formosa, China, Malay, Burma, Ceylon, India.

58) *Riptortus linearis* (Fabricius, 1775)

**Jap. name:** Taiwan-hoso-herikamemushi, Ko-hoso-herikamemushi.

1775 *Lygaeus linearis* Fabricius, Syst. Ent., p. 710.

Food: Gramineae—*Oryza sativa* L., *Saccharum officinarum* L., etc.
Local distr.: Okinawa-jima, S. Daitô-jima, Ishigaki-jima (hab. nov.).
Foreign distr.: Formosa, China, Malay, Burma, Ceylon, India, etc.

59) *Riptortus pedestris* (Fabricius, 1775)

Jap. name: Kiboshi-hoso-herikamemushi.

1775 *Gerris pedestris* Fabricius, Syst. Ent., p. 727.
1788 *Cimex pedes* Gmelin, Syst. Nat., 1, 4, p. 2191.

Food: Rice, Legumineous plants, etc. (Shiraki, 1954).
No specimens examined.
Local distr.: S. Daitô-jima, Iriomote-jima.
Foreign distr.: Formosa, China, Cochin-china, Malay, Burma, Ceylon, India, etc.

47. Genus *Serinetha* Spinola, 1873
1873 *Serinetha* Spinola, Essai, p. 247.

60) *Serinetha rufomarginata* (Fabricius, 1794)

Jap. name: Fuchibi-herikamemushi.

1794 *Lygaeus rufomarginatus* Fabricius, Ent. Syst., 4, p. 152.
1852 *Serinetha rufomarginatus* Dallas, List Hem., 2, p. 460.
1902 *Serinetha rufomarginatus* Distant, Fauna Brit. India, Rhyn., 1, p. 419.

Food: Unknown.
No specimens examined.
Local distr.: Okinawa-jima, Yaeyama (=? Ishigaki-jima).
Foreign distr.: Formosa, Philippines, Borneo, India, etc.
61) **Serinetha augur** (Fabricius 1781)
   Jap. name: Aka-herikamemushi.

1835 *Leptocoris augur* Burmeister, Handb., 2, p. 305.
1902 *Serinetha augur* Distant, Fauna Brit. India, Rhyn., 1, p. 420.

**Food:** Euphorbiaceae—*Bischofia javanica* Blume (Akagi).

**Specimens examined:** Miyako-jima: 7 Exs., 28. VIII. 1957 (T. Takara).
Ishigaki-jima: 5 Exs., 5. IX. 1957 (T. Takara).

**Local distr.:** Miyako-jima (hab. nov.), Ishigaki-jima.

**Foreign distr.:** Formosa, China, Malay, Ceylon, Assam, India, etc.

V. **Family LYGAEIDAE** Schiller, 1829
   Jap. name: Naga-kamemushi-ka.

48. **Genus Lygaeus** Fabricius, 1775
   1775 *Lygaeus* Fabricius, Ent. Syst., 4, p. 133.

62) **Lygaeus fimbriatus** Dallas, 1852
   Jap. name:

   (Pl. II, fig. 15)

1852 *Lygaeus fimbriatus* Dallas, List Hem., 2, p. 546.
1874 *Melanospilus fimbriatus* Stål, Ent. Hem., 4, p. 104.

**Food:** Unknown.

**Specimens examined:** Okinawa-jima: 2 Exs., 26. VI. 1955 (T. Takara).

**Local distr.:** Okinawa-jima (hab. nov.), Senkaku Is.

**Foreign distr.:** China, Burma, Assam, etc.

63) **Lygaeus hospes** (Fabricius, 1794)
   Jap. name: Ko-madara-nagakamemushi, Ko-madara-kamemushi.

1794 *Spilostethus hospes* Fabricius, Ent. Syst., 4, p. 150.
1914 *Spilostethus hospes* Bergroth, Ent. Mitt., 3, p. 356.
1927 *Lygaeus hospes* Sakaguchi, List Ins. Okinawa Is., p. 27.
1933 Lygaeus hospes Kato, Colour Illust. Ins. Japan, 5, pl. 18, f. 8 (Ryukyu).


Local distr.: Okinawa-jima, Miyako-jima, Ishigaki-jima, Iriomote-jima, Hateruma-jima, Yonaguni-jima.

Foreign distr.: Japan, Formosa, China, Malay, Burma, Ceylon, India, New-caledonia, etc.

49. Genus Graptostethus Stål, 1868
1868 Graptostethus Stål, Hem. Fabr., 1, p. 73.

64) Graptostethus servus (Fabricius, 1787)

1787 Cimex servus Fabricius, Mant., 2, p. 300.
1954 Graptostethus servus Hasegawa, Shin Konchû, 7 (9), p. 7 (Okinawa).

Food: Ipomoea spp.

Specimens examined: Okinawa-jima: 3 Exs., 5. VI. 1955 (T. Takara).

Local distr.: Okinawa-jima.

Foreign distr.: Japan, Formosa, China, Burma, Ceylon, India, Australia, S. Africa, etc.

50. Genus Oncopeltus Stål, 1868
1868 Oncopeltus Stål, Hem. Fabr., 1, p. 75.

65) Oncopeltus nigriceps (Dallas, 1852)

1852 Lygaeus nigriceps Dallas, List Hem., 2, p. 537.

*Food*: Unknown.
*No specimens examined.*
*Local distr.*: Okinawa (=? Okinawa-jima).
*Foreign distr.*: Formosa (Kôtô-shô), India.

51. Genus *Caenocoris* Fieber, 1861
1861 *Caenocoris* Fieber, Eur. Hem., p. 44 et 166.

66) *Caenocoris marginatus* (Thunberg, 1822)

*Jap. name:* Kôshun-nagakamemushi.

1904 *Caenocoris marginatus* Distant, Fauna Brit. India, Rhyn., 2, p. 16.
1927 *Lygaeus koshunensis* Sakaguchi, List Ins. Okinawa Is., p. 27.

*Food*: Unknown.
*Specimens examined*: Ishigaki-jima: 1 Exs., 22. VII. 1933 (N. Senaha) (Specimens in Kyushu Univ.).
*Local distr.:* Okinawa (=? Okinawa-jima), Ishigaki-jima (hab. nov.).
*Foreign distr.:* Formosa, India, etc.

52. Genus *Nisius* Dallas, 1852
1852 *Nisius* Dallas, List Hem„ 2, p. 331 et 551.

67) *Nisius* sp.

*Jap. name:*

*Food*: Unknown.
*Local distr.:* Okinawa-jima (hab. nov.).
*Foreign distr.:* Unknown.

53. Genus *Altomarus* Distant, 1903

68) *Altomarus* sp.

*Jap. name:*

*Food*: Unknown.
Local distr.: Okinawa-jima (hab. nov.).

Foreign distr.: Unknown.

54. Genus Cymus Hahn, 1831
1831 Cymus Hahn, Wanz., 1, p. 76.

69) Cymus tabaci Matsumura, 1910

Jap. name:


Food: Unknown.


Local distr.: Okinawa-jima (hab. nov.).

Foreign distr.: Formosa.

55. Genus Chauliops Scott, 1874

70) Chauliops fallax Scott, 1874

Jap. name: Medaka-nagakamemushi.


Food: Leguminosae—Glycine max Merrill (Daizu), Phaseolus angularis Wight. (Azuki), Arachis hypogaea L. (Nankin-mame), etc.


Local distr.: Okinawa-jima, Ishigaki-jima, Iriomote-jima.

Foreign distr.: Japan, Formosa, Ceylon, India, etc.
56. Genus Ischnodemus Fieber, 1836

71) Ischnodemus saccharivorus (Okajima, 1922)


Food: Gramineae—Saccharum officinarum L. et Miscanthus sp.
Ishigaki-jima: 10 Exs., 2. IX. 1957 (T. Takara).

Local distr.: Okinawa-jima, Kume-jima, Miyako-jima, Izena-jima, Ie-jima, Miyako-jima, Ishigaki-jima, Iriomote-jima, etc.
Foreign distr.: Japan, Formosa.

The important injurious insect of the Sugar-cane in the Ryukyus. It comes out in a limited area, but rarely causes great damage because it is controlled by natural enemies.

57. Genus Pachygrontha Germar, 1837

72) Pachygrontha antennata antennata (Uhler, 1860)

1874 Pachygrontha antennata Stål, Enum. Hem., 4, p. 141.

Food: Gramineae?
No specimens examined.
Local distr.: Okinawa-jima.
Foreign distr.: Japan, China.
73) **Pachygrontha nigrovittata** Stål, 1870

Jap. name: **Pachygrontha nigrovittata**


**Food**: Unknown.

**Specimens examined**: Okinawa-jima: 1 Exs., 2. VI. 1955 (S. Higashihirachi).

**Local distr.**: Okinawa-jima (hab. nov. ?)

**Foreign distr.**: Formosa, Philippines, Hainan Is., Hong Kong (China), Malay States, Ceylon, India.

74) **Pachygrontha bipunctata** Stål, 1865

Jap. name: **Minami-higenagakamemushi**

1870 *Pachygrontha tabida* Stål, Öf.-Ak. Forh., 27, p. 662.
1874 *Pachygrontha bipunctata* Stål, En. Hem., 4, p. 140.

**Food**: Unknown.

**Specimens examined**: Tokashiki-jima: 2 Exs., 15. VIII. 1955 (T. Takara).

**Local distr.**: Okinawa-jima, Tokashiki-jima (hab. nov.).

**Foreign distr.**: Japan, Philippines, Borneo, Ceylon, India, Belgian Congo, E. Tanganyika, Mozambique.

58. Genus **Paromius** Fieber, 1861


75) **Paromius seychellesus** (Walker, 1872)

Jap. name: **Hoso-nagakamemushi**

1872 *Plociomerus seychellesus* Walker, Cat. Het., 5, p. 120.

**Food**: Unknown.

**Specimens examined**: Okinawa-jima: 5 Exs., 10. X. 1955 (T. Takara).
Provisional list of Hemiptera (Heteroptera) in the Ryukyu Islands

Local distr.: Okinawa-jima (hab. nov.), N. Daitō-jima.
Foreign distr.: Japan, Formosa, Burma, Ceylon, etc.

59. Genus Pachybrachius Hahn, 1875
1875 Pachybrachius Hahn, Wanz. Ins., p. 125.

76) Pachybrachius nietneri (Dohrn, 1860)
Jap. name: Monkuro-nagakamemushi, Monkuro-gaida.

1933 Pamera nietneri Kato, Colour Illust. Ins. Japan, 5, pl. 29, f. 10 (Ryukyu).

Food: Unknown.
Specimens examined: Okinawa-jima: 3 Exs., 2. VI. 1955 (S. Higashihirachi).
Local distr.: Okinawa-jima.
Foreign distr.: Japan, Korea, Formosa, China, India, etc.

77) Pachybrachius scotti Distant, 1901
Jap. name: Scott-hyotan-nagakamemushi.


Food: Unknown.
Specimens examined: Okinawa-jima: 3 Exs., 5. VI. 1955 (T. Takara).
Local distr.: Okinawa-jima (hab. nov.).
Foreign distr.: Japan, Formosa, Burma, Ceylon, Assam, etc.

78) Pachybrachius pallicornis (Dallas, 1852)
Jap. name: Yotsuboshi-nagakamemushi, Yotsuboshi-gaida, Yotsuboshi-hyōtan-nagakamemushi.

1852 Rhyparochormus pallicornis Dallas, List Hem., 2, p. 573.
1872 Rhyparochormus delineatus Walker, Cat. Het., 5, p. 103.
1927 *Pamera pallicornis* Sakaguchi, List Ins. Okinawa Is., p. 28.

**Food:** Unknown.

**Specimens examined:** Okinawa-jima: 4 Exs., 30. VII. 1955 (T. Takara).

**Local distr.:** Okinawa-jima.

**Foreign distr.:** Japan, Korea, Formosa, Philippines, Burma, Ceylon, India, etc.

79) *Pachybrachius rusticus* (Scott, 1874)

Jap. name: Sabi-hyötan-nagakamemushi, Sabi-nagakamemushi.


**Food:** Unknown.

**Specimens examined:** Okinawa-jima: 2 Exs., 20. X. 1955 (T. Takara).

**Local distr.:** Okinawa-jima (hab. nov.).

**Foreign distr.:** Japan.

80) *Pachybrachius geniculatus* (Motschulsky, 1863)

Jap. name:

1904 *Pamera geniculata* Distant, Fauna Brit. India, Rhyn., 2, p. 54.

**Food:** Unknown.


**Local distr.:** Okinawa-jima (hab. nov.), Ishigaki-jima (hab. nov.).

**Foreign distr.:** Burma, Ceylon.

81) *Pachybrachius sp.*

Jap. name:

**Food:** Unknown.

**Specimens examined:** Okinawa-jima: 1 Exs., 2. VI. 1955 (S. Higashihirachi).

**Local distr.:** Okinawa-jima (hab. nov.).

**Foreign distr.:** Unknown.
60. Genus Aphanus Laporte, 1832
1832 Aphanus Laporte, Ess. Hem., p. 35.

82) Aphanus fallaciosus Matsumura, 1905
Jap. name: Okinawa-nagakamemushi.


Food: Unknown.
No specimens examined.
Local distr.: Okinawa (=? Okinawa-jima).
Foreign distr.: No record.

83) Aphanus sp.
Jap. name:

Food: Unknown.
Local distr.: Ishigaki-jima (hab. nov.).
Foreign distr.: Unknown.

61. Genus Lethaeus Dallas, 1852
1852 Lethaeus Dallas, List Hem., 2, p. 532 et 557.

84) Lethaeus sp.
Jap. name:

Food: Unknown.
Local distr.: Okinawa-jima (hab. nov.).
Foreign distr.: Unknown.

62. Genus Dieuches Dohrn, 1860

85) Dieuches uniformis Distant, 1904
Jap. name:

1904 Dieuches uniformis Distant, Fauna Brit. India, Rhyn., 2, p. 84.
Food: Unknown.
Specimens examined: Okinawa-jima: 4 Exs., 20. VI. 1955 (T.
Local distr.: Okinawa-jima (hab. nov.).
Foreign distr.: India.

63. Genus Metochus Scott, 1874
86) Metochus abbreviatus Scott, 1874
Jap. name: Ō-monshiro-nagakamemushi.
(Pl. II, fig. 16)
Food: Leguminosae—Arachis hypogaea L. (Nankin-marne).
Local distr.: Ishigaki-jima (hab. nov.).
Foreign distr.: Japan, Formosa, etc.

64. Genus Gastrodes Westwood, 1840
87) Gastrodes japonicus (Stål, 1874)
Jap. name: Hirata-nagakamemushi.
1874 Platygaster japonicus Stål, En. Hem., 5, p. 164.
Food: Unknown.
No specimens examined.
Local distr.: Okinawa-jima.
Foreign distr.: Japan.

VI. Family PYRRHOCORIDAE Fieber, 1816
Jap. name: Hoshi-kamemushi-ka.

65. Genus Physopelta Amyot & Serville, 1843
1843 Physopelta Amyot & Serville, Hem., p. 271.
88) Physopelta gutta (Burmeister, 1834)
Jap. name: Ō-hoshikamemushi.
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**Food:** Euphorbiaceae—*Bischofia javanica* Blume (Akagi).

**Specimens examined:** Okinawa-jima: 4 Exs., 20. VI. 1955 (T. Takara).

**Local distr.:** Okinawa-jima.

**Foreign distr.:** Japan, Formosa, China, Philippines, Indo-china, Malay, Borneo, Sumatra, Java, Burma, Ceylon, India, Australia, etc.

89) *Physopelta cincticollis* Stål, 1863

Jap. name: Hime-hoshikamemushi.

1938 *Physopelta cincticollis* Takezaki, Shizen to Shumi, 8 (1), p. 3 (N. Daito-jima).

**Food:** Unknown.

**Specimens examined:** Ishigaki-jima: 3 Exs., 10. III. 1955 (S. Higashihirachi).

**Local distr.:** Okinawa-jima, N. Daito-jima, Ishigaki-jima (hab. nov).

**Foreign distr.:** Japan, Formosa, India, etc.

66. Genus *Dysdercus* Amyot & Serville, 1843

1843 *Dysdercus* Amyot & Serville, Hem., p. 272.

90) *Dysdercus philippinus* Herrich-Schäffer, 1850

Jap. name: Shiro-jūji-kamemushi.

(Pl. II, fig. 17)

1907 *Physopelta albofasciata* Matsumura, Syst. Ins., p. 152 (Ryukyu).


Food: Malvaceae—Thespesia populnea Soland. (Sakishima-hamabō), Paritium tiliaefolium (Salisb.) (Ō-hamabō), Hibiscus rosa-sinensis L. (Bussoge), etc.


Local distr.: Okinawa-jima, Tokashiki-jima, Kume-jima, Miyako-jima, Ishigaki-jima, Iriomote-jima, Yonaguni-jima.

Foreign distr.: Japan, Formosa, Philippines, Malay, Mariana Is., Oriental tropics.

91) Dysdercus megalopygus Breddin, 1909

Jap. name: Aka-hoshikamemushi.


Dysdercus cingulatus Matsumura, 6000 Illust. Ins. Japan-Empire, p. 120 (Okinawa).


Dysdercus megalopygus Kato, Colour Illust. Ins. Japan, 5, pl. 19, f. 7 (Ryukyu).


Dysdercus megalopygus Hirayama, Sequel Illust. Thous. Ins. Nat. Colour, pl. 82, f. 9 (Ryukyu).


**Food:** Malvaceae—Hibiscus rosa-sinensis L. (Bussoge), Hibiscus syriacus L. (Mukuge), Paritium tiliaefolium (Salisb.) (O-hamabô), Abelmoschus esculenta (L.) (Okura), Gossypium indicum Lam. (Wata), etc.

**Specimens examined:** Okinawa-jima: 3 Exs., 1. V. 1955 (T. Takara).

**Local distr.:** All Ryukyu Is.

**Foreign distr.:** Formosa, China, Philippines, Malay, India, etc.

We can find this species all the year round in Yaeyama Islands and it is the important injurious insect of the Okura in the Ryukyus.

92) **Dysdercus poecilus** (Herrich-Schäffer, 1844)


**Food:** Malvaceae—Abelmoschus esculenta (L.) (Okura), Hibiscus rosa-sinensis L. (Bussoge), etc.


**Local distr.:** Okinawa-jima, Ishigaki-jima, Iriomote-jima (hab. nov. ?).

**Foreign distr.:** Formosa, S. China, Philippines, Borneo, Java, Burma, India, etc.

VII. Family **TINGIDAE** Laporte, 1832

Jap. name: Gunbaimushi-ka.

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

93) **Stephanitis pyrioides** Scott, 1874

Jap. name: Tsutsuji-gunbaimushi.

1913 Stephanitis pyrioides Esaki & Takeya, Mushi, 4, p. 53, t. 4-6, f. 4.

**Food:** Ericaceae—*Rhododendron scabrum* var. *rawsonii* Nakai (Kerama-tsutsuji), *Rhododendron* sp.

**Specimens examined:** Okinawa-jima: 10 Exs., 5. V. 1957 (T. Takara). Ishigaki-jima: 5 Exs., 2. IX. 1957 (T. Takara).

**Local distr.:** Okinawa-jima, Ishigaki-jima.

**Foreign distr.:** Japan, Formosa.

94) *Stephanitis typica* Distant, 1903

Jap. name: Getto-gunbaimushi, Banana-gunbaimushi.

1954 *Stephanitis typica* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 20 (Iriomote Is.).

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


**Local distr.:** Okinawa-jima (hab. nov.), Miyako-jima (hab. nov.), Ishigaki-jima (hab. nov.), Iriomote-jima.

**Foreign distr.:** Japan, Formosa, China, Philippines, Java, Ceylon, India, etc.

68. Genus *Monanthia* Le Peletier & Serville, 1825


95) *Monanthia formosa* Drake, 1923

Jap. name: Chishanoki-gunbai.

1923 *Monanthia formosa* Drake, Ohio Jour. Sci., 23, p. 102-103 (Formosa).

**Food:** Borraginaceae—*Ehretia dicksoni* var. *liukiuensis* Nakai (Maruba-chishanoki), *Ehretia* sp.


**Local distr.:** Okinawa-jima (hab. nov.), Ishigaki-jima (hab. nov.).

**Foreign distr.:** Japan, Formosa, Philippines.
VIII. Family MESOVELIIDAE Handlirsch, 1908
Jap. name: Mizu-kamemushi-ka.

69. Genus Mesovelia Mulsant & Rey, 1852

96) Mesovelia orientalis Kirkaldy, 1900
Jap. name: Mizu-kamemushi.

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<tr>
<th>Year</th>
<th>Species</th>
<th>Author</th>
<th>Description</th>
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</table>

Food: Unknown.


Local distr.: Okinawa-jima (hab. nov.), Miyako-jima (hab. nov.), Ishigaki-jima (hab. nov.).

Foreign distr.: Japan, Formosa, Malay, India, etc.

IX. Family HYDROMETRIDAE Lethierry & Severin, 1896
Jap. name: Ito-amenbo-ka.

70. Genus Hydrometra Latreille, 1796

97) Hydrometra albolineata (Scott, 1874)
Jap. name: Ito-amenbo.

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<tr>
<th>Year</th>
<th>Species</th>
<th>Author</th>
<th>Description</th>
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</table>

Food: Unknown.

Local distr.: Okinawa-jima, Tokashiki-jima, Zamami-jima, Tonaki-jima, Kume-jima, Miyako-jima, Ishigaki-jima, Iriomote-jima, etc.
Foreign distr.: Japan, Korea, Formosa, China, Burma, Ceylon, India, etc.

We can find this species in the rice paddy field all the year round.

X. Family VEIIIDAE Dohrn, 1859
Jap. name: Katabiro-amenbo-ka.

71. Genus Rhagovelia Mayr, 1865

98) Rhagovelia esakii Lundbled, 1937
Jap. name: Esaki-katabiro-amenbo.
Food: Unknown.
No specimens examined.
Local distr.: Ishigaki-jima.
Foreign distr.: Unknown.

XI. Family GERRIDAE Leach, 1815
Jap. name: Amenbo-ka.

72. Genus Halovelia Bergroth, 1893
1893 Halovelia Bergroth, Ent. Month. Mag., (2), 4, p. 277.

99) Halovelia septentrionalis Esaki, 1926
Jap. name: Keshi-umiamenbo.
1907 Metrocoris sp. Yano, Hakubutsu no Torno, 7, p. 289.
Food: Unknown.
No specimens examined.
Local distr.: Okinawa-jima, Ishigaki-jima, Iriomote-jima, Yonaguni-jima.
Foreign distr.: Japan, Formosa, etc.
73. **Genus Halobates** Eschscholtz, 1822

1822 *Halobates* Eschscholtz, Entomographien, p. 102.

100) **Halobates princeps** B. White, 1883

Jap. name: Shiro-umiamenbo.


1883 *Halobates alluaudi* Bergroth, Rev. d'Ent., 12, p. 204.


1924 *Halobates matsumurai* Esaki, Psyche, 31, p. 117.


Food: Unknown.

No specimens examined.

Local distr.: Okinawa (=? Okinawa-jima).

Foreign distr.: Japan, Korea, Formosa, India, etc.

101) **Halobates japonicus** Esaki, 1924

Jap. name: Umi-amenbo.


Food: Unknown.

No specimens examined.

Local distr.: Ishigaki-jima, Iriomote-jima.

Foreign distr.: Japan.

74. **Genus Metrocoris** Mayr, 1865


102) **Metrocoris lituratus** (Stål, 1854)

Jap. name: Taiwan-shima-amenbo.


Food: Unknown.


Local distr.: Okinawa-jima (hab. nov.) Ishigaki-jima, Iriomote-jima.

Foreign distr.: Formosa, China, etc.

75. Genus Limnogonus Stål, 1868

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

103) Limnogonus fossarum (Fabricius, 1775)

Jap. name: Sesuji-amenbo.

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


Food: Unknown.


Local distr.: Okinawa-jima, Ishigaki-jima.

Foreign distr.: Formosa, S. China, Philippines, Malay, Java, Oriental tropics, Australia.

76. Genus Gerris Fabricius, 1794


104) Gerris gracilicornis (Horváth, 1879)

Jap. name: Ko-seaka-amenbo.


1903 Gerris selma Kirkaldy, Entomologist, 36, p. 181.


**Food**: Unknown.


**Local distr.**: Okinawa-jima, Iriomote-jima, Senkaku Is.

**Foreign distr.**: Japan, Korea, Formosa, China, Assam, India, etc.

77. Genus *Aquarius* Kirkaldy, 1899


105) *Aquarius paludum* (Fabricius, 1794)

Jap. name: Amenbo.

1794 *Gerris paludum* Fabricius, Ent. Syst., 4, p. 188.
1853 *Hydrometra paludum* Herrich-Schäffer, Wanz., 9, p. 67 et 70.
1866 *Hygrotrichus japonicus* Motschulsky, Bull. Soc. Nat. Moscow, 39, p. 188.
1866 *Hydrometra insularis* Motschulsky, Bull. Soc. Nat. Moscow, 39, p. 188.
1879 *Hygrotrichus remigatus* Horváth, Ann. Soc. Ent. Belg., 22, p. -

**Food**: Unknown.


**Local distr.**: Okinawa-jima, Ishigaki-jima.

**Foreign distr.**: Japan, Korea, Formosa, China, etc.

78. Genus *Hermatobates* Carpenter, 1891


106) *Hermatobates marchei* (Coutiere & Martin, 1901)

Jap. name: Sango-amenbo.


**Food**: Unknown.

**No specimens examined.**

**Local distr.**: Ishigaki-jima.

**Foreign distr.**: Philippine Is.
XII. Family REDUVIIDAE Latreille, 1807
   Jap. name: Sashigame-ka.

79. Genus Pygolampis Germar, 1817

107) Pygolampis cognata Horváth, 1899
   Jap. name: Hoso-sashige.

   Food: Unknown.
   No specimens examined.
   Local distr.: Okinawa-jima?
   Foreign distr.: Japan, Formosa, etc.

80. Genus Sastrapada Amyot & Serville, 1843
   1843 Sastrapada Amyot & Serville, Hem., p. 388

108) Sastrapada baerensprungi (Stál, 1859)
   1860 Sastrapada femorata Costa, Addit., p. 12.
   1861 Ctenocnemis flavescens Fieber, Eur. Hem., p. 150.
   1873 Sastrapada bipunctata Walker, Cat. Het., 8, p. 28.
   1873 Pygolampis innotata Walker, Cat. Het., 8, p. 36.

   Food: Unknown.
   No specimens examined.
   Local distr.: N. Daito-jima.
   Foreign distr.: Japan, Formosa ?, Malay, Ceylon, Australia, Europe, Madagascar, etc.

81. Genus Staccia Stál, 1865

109) Staccia diluta (Stál, 1859)


**Food**: Unknown.

**Specimens examined**: Okinawa-jima: 3 Exs., 1. VI. 1955 (T. Takara).

**Local distr.**: Okinawa-jima (hab. nov.).

**Foreign distr.**: Japan, Formosa, Burma, India.

82. Genus *Polytoxus* Spinola, 1858

1858 *Polytoxus* Spinola, Ins. Art., p. 47.

110) *Polytoxus* sp.

**Jap. name**: (Pl. II, fig. 18)

**Food**: Unknown.


**Local distr.**: Okinawa-jima (hab. nov.), Ishigaki-jima (hab. nov.).

**Foreign distr.**: Unknown.

83. Genus *Oncocephalus* Klug, 1830


111) *Oncocephalus philippinus* Lathierry, 1877

**Jap. name**: Tobiiro-sashigame.


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


**Food**: Insects.


**Local distr.**: Okinawa-jima, N. Daitō-jima, Ishigaki-jima (hab. nov.).

**Foreign distr.**: Japan, Korea, Formosa, Philippines, etc.
84. Genus *Conorhinus* Laporte, 1832
1832 *Conorhinus* Laporte, Ess. Hem., p. 78.

112) *Conorhinus rubrofasciatus* (De Geer, 1773)

Jap. name: Ō-sashigame.

1773 *Cimex rubrofasciatus* De Geer, Mem., 3, p. 349, pl. 35, f. 12.
1843 *Conorhinus rubrofasciatus* Amyot & Serville, Hem., p. 384, pl. 8, f. 2.
1927 *Triatoma* (*Conorhinus*) *rubrofasciata* Sakaguchi, List Ins. Okinawa Is., p. 29.

*Food*: Unknown.


*Local distr.*: Okinawa-jima, Miyako-jima (hab. nov.), Ishigaki-jima (hab. nov.), Yonaguni-jima (hab. nov.).

*Foreign distr.*: Formosa, China, Malay, Burma, Andaman Is., Ceylon, India, Oriental tropics, Hawai, Africa, etc.

It comes into the light and stings the human in the house. Its pain is very severe.

85. Genus *Ectomocoris* Mayr, 1865

113) *Ectomocoris flavomaculatus* Stål, 1870

Jap. name: Yaeyama-sashigame.

1933 *Ectomocoris flavomaculatus* Kato, Colour Illust. Ins. Japan, 5, pl. 21, f. 3 (Ryukyu).

*Food*: Insects (Yashiro, 1927).

*No specimens examined*.

*Local distr.*: Yaeyama (=? Ishigaki-jima).

*Foreign distr.*: Formosa, Philippines.

114) *Ectomocoris biguttulus* Stål, 1870

Jap. name: Kiboshi-sashigame.

(Pl. II, fig. 19)

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

**Food:** Insects.


**Local distr.**: Okinawa-jima, N. Daitô-jima, Ishigaki-jima (hab. nov. ?).

**Foreign distr.**: Japan (Tokara Is.), Formosa, Philippines, India, etc.

It comes into the light and stings the human in the house. Its pain is very severe.

86. Genus *Pirates* Burmeister, 1835
1835 *Pirates* Burmeister, Handb., 2, p. 222 et 239.

115) **Pirates cinctiventris** Horváth, 1879

Jap. name: Kuro-sashigame.

(Pl. II, fig. 20)

1927 *Pirates cinctiventris* Sakaguchi, List Ins. Okinawa Is., p. 28.

**Food:** Unknown.

**Specimens examined:** Okinawa-jima: 2 Exs., 6. IX. 1955 (S. Higashihirachi).

**Local distr.**: Okinawa-jima, N. Daitô-jima.

**Foreign distr.**: Japan, Formosa.

116) **Pirates turpis** Walker, 1873

Jap. name: Kuromon-sashigame.

1873 *Pirates turpis* Walker, Cat. Het. Brit. Mus., p. 120.

**Food:** Unknown.

**No specimens examined.**

**Local distr.**: Okinawa-jima ?.

**Foreign distr.**: Japan, China ?.
87. Genus Sirthenea Spinola, 1840
1840 Sirthenea Spinola, Ess. Hem., p. 100.

117) Sirthenea flavipes (Stål, 1855)

Jap. name: Kiiro-sashigame.


Food: Unknown.


Local distr.: Okinawa-jima (hab. nov.), Ishigaki-jima (hab. nov.).

Foreign distr.: Japan, Formosa, S. China, Philippines, Borneo, Java, Ceylon, Assam, India, etc.

It comes into the light and stings the human in the house. Its pain is very severe.

88. Genus Haematoloecha Stål, 1874

118) Haematoloecha nigrorufa Stål, 1866

Jap. name: Akashima-sashigame.


Food: Unknown.

No specimens examined.

Local distr.: Ishigaki-jima.

Foreign distr.: Japan.

89. Genus Ectrychotes Burmeister, 1835

119) Ectrychotes andreae (Thunberg, 1784)

Jap. name: Birōdo-sashigame.

1927 Ectrychotes andreae Sakaguchi, List Ins. Okinawa Is., p. 27.
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*Food:* Unknown.

*No specimens examined.*

*Local distr.:* Okinawa-jima, N. Daitō-jima.

*Foreign distr.:* Japan, Korea, Formosa, China.

120) *Ectrychotes okinawensis* Matsumura, 1905

*Jap. name:* Okinawa-haraaka-sashigame.


*Food:* Insects (*Aphis* spp.).


*Local distr.:* Okinawa-jima, Miyako-jima, Ishigaki-jima (hab. nov.).

*Foreign distr.:* Formosa.

121) *Ectrychotes* sp.

*Jap. name:

*Food:* Unknown.

*Specimens examined:* Okinawa-jima: 1 Exs., 1. VIII. 1956 (T. Takara).

*Local distr.:* Okinawa-jima (hab. nov.).

*Foreign distr.:* Unknown.
90. Genus *Rhynocoris* Hahn, 1834

122) *Rhynocoris fuscipes* (Fabricius, 1787)
Jap. name: Nakaguro-akasashigame.
(Pl. II, fig. 23)

1787 *Reduvius fuscipes* Fabricius, Mant. Ins., 2, p. 312.

*Food*: Unknown.
*Local distr.:* Ishigaki-jima (hab. nov.).
*Foreign distr.:* Formosa, Ceylon, India, etc.

91. Genus *Euagoras* Burmeister, 1835

123) *Euagoras plagiatus* (Burmeister, 1834)
Jap. name: Kiberi-higenaga-sashigame.
(Pl. II, fig. 21)

1927 *Endochus marginalis* Sakaguchi, List Ins. Okinawa Is., p. 27.
1933 *Euagoras plagiatus* Kato, Colour Illust. Ins. Japan, 5, pl. 27, f. 6 (Ryukyu).

*Food*: Insects.
*Local distr.:* Okinawa-jima, Tonaki-jima (hab. nov.), Miyako-jima (hab. nov.), Ishigaki-jima (hab. nov.).
Provisional list of Hemiptera (Heteroptera) in the Ryukyu Islands

*Foreign distr.:* Formosa, Philippines, Malay, Java, Burma, Assam, etc.

92. **Genus Polididus** Stål, 1858


124) **Polididus armatissimus** Stål, 1859

*Jap. name:* Toge-sashigame.

*(Pl. II, fig. 24)*


*Food:* Unknown.


*Local distr.:* Okinawa-jima (hab. nov.), Ishigaki-jima (hab. nov.).

*Foreign distr.:* Japan, Formosa, China, Philippines, Burma, Ceylon, India, etc.

93. **Genus Canthesancus** Amyot & Serville, 1843

1843 *Canthesancus* Amyot & Serville, Hem., p. 389.

125) **Canthesancus gulo** Stål, 1863

*Jap. name:* Kuroboshi-sashigame.

1863 *Canthesancus gulo* Stål, Ann. Soc. Ent. Fr., p. 44.


*Food:* Unknown.

*No specimens examined.*

*Local distr.:* Yaeyama (=? Ishigaki-jima).

*Foreign distr.:* Malay states, Burma, India.
XIII. Family **NABIDAE** Costa, 1852  
Jap. name: Makiba-sashigame-ka.

94. Genus **Prostemma** Laporte, 1832  
1832 *Prostemma* Laporte, Ess. Hem., p. 15.

126) **Prostemma fasciata** Stål, 1873  
Jap. name:  
(Pl. II, fig. 25)

1873 *Prostemma fasciata* Stål, En. Hem., 3, p. 108, f. 3.  
*Food*: Unknown.  
*Specimens examined*: Okinawa-jima: 2 Exs., (H. Yashiro),  
(Specimens in Kyushu Univ.). 2 Exs., 10. VIII. 1957 (O. Nakachi) et  
5. VIII. 1957 (C. Izumi)  
*Local distr.*: Okinawa-jima (hab. nov.).  
*Foreign distr.*: Japan (Amami-ōshima), Formosa.

95. Genus **Nabis** Latreille, 1807  
1807 *Nabis* Latreille (part), Gen., 3, p. 127.

127) **Nabis ferus** Linné, 1761  
Jap. name: Sesuji-makibasashigame.

1761 *Nabis ferus* Linné, Fauna Suec., Holmiae, p. 256.  
*Food*: Unknown.  
*Local distr.*: Okinawa-jima (hab. nov.).  
*Foreign distr.*: Japan, Siberia, Europe, N. America, etc.

XIV. Family **CIMICIDAE** Latreille, 1804  
Jap. name: Tokojirami-ka.

96. Genus **Cimex** Linné, 1758  

128) **Cimex lectularius** Linné, 1758  
Jap. name: Toko-jirami.

1899 *Klinophilos lectularius* Kirkaldy, Entomologist, p. 220.  
(Okinawa).  

**Food:** Homo sapiens Linné.


**Local distr.:** All Ryukyu Is.

**Foreign distr.:** All parts of the World.

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XV. Family **MIRIDAE** Hahn, 1831

Jap. name: Mekura-kamemushi-ka.

97. **Genus Lygus** Hahn, 1831

1831 *Lygus* Hahn, Wanz. Ins., 1, p. 147.

129) **Lygus apicalis** Fieber, 1861

Jap. name: Midori-mekurakame.


**Food:** Unknown.

**No specimens examined.**

**Local distr.:** Okinawa-jima.

**Foreign distr.:** Japan, China, Siberia, Europe, N. America, S.-America, etc.

130) **Lygus** sp.

Jap. name: 

**Food:** Cucurbitaceae—*Lagenaria leucantha* var. *clavata* Makino (Yûgao).

**Specimens examined:** Okinawa-jima: 5 Exs., 10. IV. 1955 (T. Takara).

**Local distr.:** Okinawa-jima (hab. nov.).

**Foreign distr.:** Unknown.

98. **Genus Trigonotylus** Fieber, 1858

1858 *Trigonotylus* Fieber, Cr. Phy., p. 289-347.

131) **Trigonotylus ruficornis** (Geoffroy, 1758)

Jap. name: Akahage-hosomidori-mekurakame.

99. Genus Mecisdoscelis Reuter, 1891

132) Mecisdoscelis scirtetoides Reuter, 1891
Jap. name: Kamodoki-mekuragame.


Food: Gramineae—Phyllostachys spp.
Local distr.: Okinawa-jima (hab. nov.).
Foreign distr.: Japan, Formosa, Java.
This species is often found in the bamboo thicket of the steep mountain valley.

100. Genus Engytatus Reuter, 1875

133) Engytatus tenuis (Reuter, 1895)
Jap. name: Tabako-mekuragame.

1895 Cyrtopeltis tenuis Reuter, Reu. d'Ent., 14, p. 139.
1903 Leptoterna nicotianae Koningsl, Meededeel's Landa Plantent., 64, p. 32, tab. 4, f. 8.
Provisional list of Hemiptera (Heteroptera) in the Ryukyu Islands

1915  *Dicophus crassicornis* Poppius, Arch. Naturg., 1914, 80, A. (8), p. 60.

**Food:** Solanaceae—*Nicotiana tabacum* L. Compositae—*Calendula arvensis* L. (Kinsenka).

**Specimens examined:** Okinawa-jima: 15 Exs., 14. VII. 1956 (T. Takara).

**Local distr.:** Okinawa-jima (hab. nov.), Ishigaki-jima.

**Foreign distr.:** Japan, Formosa, China, India, Oriental tropics, etc.

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101. Genus *Campylomma* Reuter, 1884


134) *Campylomma livida* Reuter, 1884

Jap. name: Goma-no-aomekurakamemushi.

1884  *Campylomma livida* Reuter, Ent. Tidskr., 5, p. 199.
1932  *Campylomma livida* Matsumura, ConsP. Jap. Injur. Ins., p. 320 (Formosa).

**Food:** Pedaliaceae—*Sesamum indicum* L. (Shiraki, 1954).

**No specimens examined.**

**Local distr.:** Ishigaki-jima.

**Foreign distr.:** Formosa, China, India, etc.

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102. Genus *Halticus* Hahn, 1831

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

135) *Halticus tibialis* Reuter, 1891

Jap. name: Kurotobi-mekurakamemushi.

1914  *Halticus tibialis* Poppius, Arch. Nat. Bd. 80, A. 8, p. 70.

**Food:** Convolvulaceae—*Ipomoea batatas* var. *edulis* Makino (Satsumaimo). Cruciferae—*Raphanus sativus* L. var. (Daikon), *Brassica* spp. Leguminosae—*Arachis hypogaea* L. (Nankin-mame), *Phaseolus* spp., etc.

Local distr.: All Ryukyu Is.

Foreign distr.: Japan, Formosa, China, Philippines, Malay, Java, Ceylon, India, Oriental tropics, Africa, etc.

This species is included in important injurious insects in the Ryukyus and is found all the year round.

XVI. Family GALAULIDAE Billberg, 1820

Jap. name: Ashibuto-memizumushi-ka.

103. Genus Peltopterus Guerin-Meneville, 1843


136) *Peltopterus macrothorax* (Montrouzier, 1855)

Jap. name: Ashibuto-memizumushi.


Food: Unknown.

No specimens examined.

Local distr.: Yaeyama Is.

Foreign distr.: Japan (Kikai-jima, Takara-jima), Formosa (Kôtôshô, Kashô-tô), Philippines, N. Borneo, Solomon Is., Mariannes.

XVII. Family BELOSTOMATIDAE Leach, 1815

Jap. name: Tagame-ka.

104. Genus Kirkaldyia Montandon, 1909


137) *Kirkaldyia deyrollei* (Vuillefroy, 1864)

Jap. name: Tagame.

1864 *Belostoma deyrollei* Vuillefroy, Ann. Soc. Ent. Fr., p. 141, pl. 1, f. 5.
1927 *Kirkaldyia* (sic) *deyrollei* Sakaguchi, List Ins. Okinawa Is., p. 27.
Provisional list of Hemiptera (Heteroptera) in the Ryukyu Islands


**Food:** Young fishes.

**Specimens examined:** Okinawa-jima: 2 Exs., 15. VI. 1957 (O. Nakachi) et 25. VII. 1957 (S. Matayoshi).

**Local distr.:** Okinawa-jima.

**Foreign distr.:** Japan, Korea, Formosa, China, Assam, etc.

105. Genus *Belostoma* Latreille, 1807


138) *Belostoma indicum* Lepeletier & Serville, 1775

Jap. name: Taiwan-tagame.

1901 *Amorgius indicus* Green, Entomologist, 34, p. 113.

**Food:** Young fishes.

**Specimens examined:** Yonaguni-jima: 1 Exs., 17. V. 1957 (K. Maeda).

**Local distr.:** Okinawa (=? Okinawa-jima), Yonaguni-jima (hab. nov.).

**Foreign distr.:** Formosa, China, Philippines, Malay, Sumatra, India, etc.

106. Genus *Diplonychus* Amyot & Serville, 1843

1843 *Diplonychus* Amyot & Serville, Hem., p. 436.

139) *Diplonychus rusticum* (Fabricius, 1803)

Jap. name: Taiwan-kooimushi, Okinawa-kooimushi.

1803 *Nepa rustica* Fabricius, Syst. Rhyn., p. 106.
1906 *Sphaerodoma rusticum* Distant, Fauna Brit. India, Rhyn., 3, p. 35.
1933 *Sphaerodema rusticum* Kato, Colour Illust. Ins. Japan, 5, pl. 40, f. 6 (Ryukyu).
1954 *Diplonychus rusticum* Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 20 (Okinawa Is.).
Food: Young fishes.
Specimens examined: Okinawa-jima: 2 Exs., 2. IX. 1957 (C. Izumi) et 15. VIII. 1957 (O. Nakachi).
Local distr.: Okinawa-jima.
Foreign distr.: Formosa, China, Philippines, India, Oriental tropics.

XVIII. Family NEPIDAE Latreille, 1802
Jap. name: Taikouchi-ka.

107. Genus Laccotrephes Stål, 1865

140) Laccotrephes japonensis Scott, 1874
Jap. name: Taikou Chi, Yurihanashui
1927 Laccotrephes japonensis Sakaguchi, List Ins. Okinawa Is., p. 27.

Food: Young fishes.
Local distr.: Okinawa-jima.
Foreign distr.: Japan, Formosa.

141) Laccotrephes kohlii (Ferrari, 1888)
Jap. name: Taiwan-taikouchi

Food: Young fishes.
Local distr.: Okinawa (=? Okinawa-jima), Ishigaki-jima, Iriomote-jima, Yonaguni-jima.
Foreign distr.: Formosa, S. China, Burma, Ceylon, India, etc.

108. Genus Ranatra Fabricius, 1803
1803 Ranatra Fabricius, Syst. Rhyn., p. 108.

142) Ranatra chinensis Mayr, 1865
Jap. name: Mizu-kamakiri
Provisional list of Hemiptera (Heteroptera) in the Ryukyu Islands

1954 **Ranatra chinensis** Shiraki, Cat. Injur. Ins. Ryukyu Is., p. 21 (Okinawa Is.).

**Food:** Young fishes (Shiraki, 1954).

**Specimens examined:** Okinawa-jima: 1 Exs., 1922 (S. Sakaguchi).

*Local distr.*: Okinawa-jima.

*Foreign distr.*: Japan, Korea, Formosa, China, Burma, etc.

143) **Ranatra unicolor** Scott, 1874

Jap. name: Hime-mizukamakiri.

1879 **Ranatra brachyura** Horváth, Termes, Fuzet., Budapest, p. 10.
1915 **Ranatra brachyura** Esaki, Ent. Mag., 1 (2), p. 75 (Ryukyu).
1927 **Ranatra unicolor** Sakaguchi, List Ins. Okinawa Is., p. 28.

**Food:** Young fishes.

**Specimens examined:** Okinawa-jima: 8 Exs., 27. IV. 1955 et 15. VIII. 1957 (T. Takara).

*Local distr.*: Okinawa-jima.

*Foreign distr.*: Japan, Korea, China.

144) **Ranatra longipes** Stål, 1861

Jap. name: Madaraashi-mizukamakiri, Ashimadara-mizukamakiri.

1913 **Ranatra maculipes** Matsumura, Thous. Ins. Japan, Addit., 1, p. 93 (Formosa).
1932 **Ranatra longipes** Esaki, Iconogr. Ins. Jap., p. 1690 (Yaeyama Is.).

**Food:** Young fishes ?.

*No specimens examined.*

*Local distr.*: Yaeyama Is.

*Foreign distr.*: Formosa, China, Malay, Borneo, Java, etc.
XIX. Family NOTONECTIDAE Leach, 1815

Jap. name: Matsumomushi-ka.

109. Genus Notonecta Linné, 1758


145) Notonecta montandoni Kirkaldy, 1897

Jap. name: Okinawa-matsumomushi.

1907 Notonecta bivittata Matsumura, Syst. Ins., p. 127, f. 140 (Ryukyu).
1913 Notonecta bivittata Matsumura, Thous. Ins. Japan, Addit., 1, p. 96, pl. 11, f. 6 (Okinawa).
1915 Notonecta bivittata Esaki, Ent. Mag., 1 (1), p. 34 (Ryukyu).
1936 Notonecta montandoni Esaki, Kontyû, 10 (1), p. 43 (Okinawa-honto).

Food: Young fishes.


Local distr.: Okinawa-jima.
Foreign distr.: N. China, Burma, India.

110. Genus Enithares Spinola, 1837

1837 Enithares Spinola, Ess. Hem., p. 60.

146) Enithares sinica (Stål, 1854)

Jap. name: Taiwan-matsumomushi.

1913 Enithares formosanus Matsumura, Thou. Ins. Japan, Addit., 1, p. 97, pl. 11, f. 7 (Formosa).
1927 Enithares formosanus Sakaguchi, List Ins. Okinawa Is., p. 27.

Food: Unknown.
No specimens examined.

Local distr.: Okinawa (Sakaguchi, 1927).
Foreign distr.: Formosa, S. China, Philippines, etc.
111. Genus **Anisops** Spinola, 1837

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

147) **Anisops fieberi** Kirkaldy, 1901


1901 *Anisops fieberi* Kirkaldy, Entomologist, 34, p. 5.


1933 *Anisops fieberi* Kato, Colour Illust. Ins. Japan, 5, pl. 35, f. 6 (Ryukyu).


**Food**: Unknown.

**Specimens examined**: Okinawa-jima: 4 Exs., 6. VI. 1956 (T. Takara).

**Local distr.**: Okinawa-jima, Ishigaki-jima, Iriomote-jima.

**Foreign distr.**: Formosa.

148) **Anisops niveus** (Fabricius, 1775)


1775 *Notonecta nivea* Fabricius, Ent. Syst., 5, p. 690.


1915 *Anisops niveus* Esaki, Ent. Mag., 1 (1), p. 31 (Ryukyu).


**Food**: Unknown.

**Specimens examined**: Ishigaki-jima: 2 Exs., 5. IX. 1957 (T. Takara).

**Local distr.**: Okinawa (=? Okinawa-jima), Ishigaki-jima.

**Foreign distr.**: Formosa, China, Malay, Oriental tropics, Africa.

149) **Anisops stali** Kirkaldy, 1904

Jap. name:


**Food**: Unknown.
No specimens examined.

Local distr.: Okinawa (=? Okinawa-jima).
Foreign distr.: Philippine Is., Celebes, Timor, Australia.

150) **Anisops tahitiensis** Lundblad, 1934

Jap. name:


Food: Unknown.
No specimens examined.

Local distr.: Okinawa (=? Okinawa-jima).
Foreign distr.: Philippine Is., Celebes, Timor, Australia.

151) **Anisops batillifrons** Lundblad, 1933

Jap. name:


Food: Unknown.
No specimens examined.

Local distr.: Okinawa-jima, Iriomote-jima.

XX. Family **CORIXIDAE** Dohrn, 1859 (Leach, 1815)

Jap. name: Mizumushi-ka.

112. Genus **Agraptocorixa** Kirkaldy, 1898


152) **Agraptocorixa hyalipennis** (Fabricius, 1803)

Jap. name: Tsuya-mizumushi.


Food: Unknown.
No specimens examined.

Local distr.: Okinawa (=? Okinawa-jima), Miyako-jima.
Foreign distr.: Formosa, Malay, India, etc.

113. Genus *Sigara* Fabricius, 1775

1775 *Sigara* Fabricius, Syst. Ent., p. 691.

153) *Sigara substriata* (Uhler, 1896)

Jap. name: Ko-mizumushi.


Food: Unknown.


Local distr.: Okinawa-jima (hab. nov.).
Foreign distr.: Japan, Korea, Formosa, India, etc.

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94. ——— (1924): 甘蔗小蜂類象 (Blissus sp.).
100. ——— (1927): 沖縄産昆虫総目録 (Provisional list of the insects collected in Okinawa Islands).
105. ——— (1954): 昆虫の分類 (Classification of Insects).

Explanation of plates

PLATE I

Fig. 1. Cantao ocellatus (Thunberg) (Akagi-kamemushi).
Fig. 2. Caliphara nobilis (Linné) (Nanahoshi-kinkamemushi).
Fig. 3. Rynchocoris humeralis (Thunberg) (Mikan-togekamemushi).
Fig. 4. Cantheconidea furcellata (Wolff) (Ki-shimofuri-harikamemushi).
Fig. 5. Andrallus spinipes (Fabricius) (Shiroheri-kuchibuto-kamemushi).
Fig. 6. Gonopsis affinis (Uhler) (Ebiro-kamemushi).
Fig. 7. Anoplocnemis castanea (Dallas) (Ashibuto-herikamemushi).
Fig. 8. Leptoglossus membranaceus (Fabricius) (Ashiburo-herikamemushi).
Fig. 9. Riptortus clavatus (Thunberg) (Hoso-herikamemushi).

PLATE II

Fig. 10. Brachyaulax miyakonus Matsumura (Miyako-kinkamemushi).
Fig. 11. Scotinophara lurida (Burmeister) (Kuro-kamemushi).
Fig. 12. Neodius depressus (Ellenrider) (Tobiiro-kamemushi).
Fig. 13. Lagynotomus elongatus (Dallas) (Ine-kamemushi).
Fig. 14. Eumenotes obscura Westwood (Hirozu-kamemushi).
Fig. 15. Lygaeus fimbriatus Dallas
Fig. 16. Metochus abbreviatus Scott (Ô-monshiro-nagakamemushi).
Fig. 17. Dysdercus philippinus Herrich-Schäffer (Shiro-jūji-kamemushi).
Fig. 18. Polytoxus sp.
Fig. 19. Ectomocoris biguttulus Stål (Kiboshi-sashigame).
Fig. 20. Pirates cinctiventris Horváth (Kuro-sashigame).
Fig. 21. Euagoras plagiatus (Burmeister) (Kiberi-higenaga-sashigame).
Fig. 22. Ectrichotes okinawensis Matsumura (Okinawa-haraaka-sashigame).
Fig. 23. Rhynocoris fascipes (Fabricius) (Nakaguro-akasashigame).
Fig. 24. Polididus armatissimus Stål (Toge-sashigame).
Fig. 25. Prostemma fasciata Stål.
琉球産異翅半翅類目録（摘要） 正 調 表

琉球産異翅半翅類目録（摘要）

本報文は琉球（旧沖縄県）産の異翅半翅類について従来の記録と琉球大学農家政学部昆虫学研究室石敬の標本にもとづいてまとめたものである（但し1部は九州大学農学部昆虫学教室の標本による）。学名を整理し且つ分布、食性等に関する知見を附記して153種を掲げた。これを分類学的に分野すると、ツチカメムシ科4属4種、マルカメムシ科2属5種、カメムシ科30属34種、ヘリカメムシ科11属18種、ナガカメムシ科17属25種、ホシカメムシ科2属5種、クンバイシム科2属3種、ミツカメムシ科1属1種、イトカメムシ科1属1種、カタロアカメムシ科1属1種、アメノホシカメムシ科15属19種、マキバサンガメ科2属2種、トウプラカメムシ科属5種、タカカメムシ科3属3種、タイジカメムシ科2属5種、マツモシムシ科3属7種、ミツシムシ科1属1種となる。これらのうち29属32種は分布上琉球から新に記録されるものである。なお従来記載されているものの中で若干の疑問種については保留し、又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、これらについては別途報告する。

1）琉球から新に記録される種類

Family CYDNIDAE Bilberg, 1820 ツチカメムシ科
Macroscepus subaenus Dallas, 1851 ツチカメムシ 産地：沖縄島。稀な種類に属する。 分布：日本。
Geotomus pygmaeus (Dallas, 1851) ヒメツツカメムシ 産地：沖縄島。 分布：日本、支那、馬来群島等。

Family PLATASPIDAE Dallas, 1851 マルカメムシ科
Coptosoma siamicum Walker, 1867 産地：沖縄島。稀な種類に属する。 分布：台湾、馬来群島、ビルマ、印度、北オーストラリア。

Family PENTATOMIDAE Leach, 1815 カメムシ科
Necdium depressus (Ellenrieder, 1862) トピロカメムシ 産地：沖縄島。稀な種類に属する。 分布：台湾、ポルネオ、スマトラ等。
Rhynchoscorrismalumeralis (Thunberg, 1783) ミカントゲカメムシ 産地：沖縄島、石垣島。 ミカンの汁を吸収加害する。 分布：台湾、支那、フィリピン、印度支那、タイ、ジャワ、ビルマ、印度。
Eumenotes obscura Westwood, 1847 ヒロヴカメムシ 産地：沖縄島。 分布：日本（奄美大島）、台湾、馬来群島、ビルマ、印度。

Family LYGAEIDAE Schiller, 1829 ナガカメムシ科
Lygaeus fimbratius Dallas, 1852 産地：沖縄島、尖閣列島。 分布：支那、ビルマ、アガサム。
Niasius sp. 産地：沖縄島。 分布：不明。
Allomarus sp. ? 産地：沖縄島。 分布：不明。
Cymus tabaco Matsumura, 1910 産地：沖縄島。 分布：台湾。
Pachybrachius scotti Distant, 1901 スコットヒヨウタンナガカメムシ 産地：沖縄島。 分布：日本、台湾、ビルマ、セイロン、アガサム等。
Pachybrachius rusticus (Scott, 1874) サビヒヨウタンナガカメムシ 産地：沖縄島。 分布：
2) 球球における農作物の重要害虫

Family PENTATOMIDAE カメムシ科
Sootinophara lurida (Burmeister) クロカメムシ 4月～10月にかけて発生し、穂、甘蔗の汁液を吸収する。特に山間地の水田に多い。
Logynotomus elongatus (Dallas) イネカメムシ 稲の重要害虫、6月頃出現し局地的に大発生する。
Eurydema pulchra (Westwood) ヒメナガメ 殻んど年中見られるが、特に10〜4月にかけて十条花科葉を加害する。
Nezara viridula (Linne) ミナミオオカメムシ 成虫、幼虫ともに稲、豆類、十字花科葉を加害する。特に山間地の水田に多い。
Piezodorus rubrofasciatus (Fabricius) イチモンジカメムシ 豆類の重要害虫、特に6月～9月にかけて小豆に多く発生する。

Family COREIDAE ヘリカメムシ科
Anoplophora castanea (Dallas) アンプトヘリカメムシ 亜科作物を加害するもので特に7月～9月にかけて多く出現する。
Leptoglossus membranaceus (Fabricius) アシビヘリカメムシ ウリ類を加害するもので、特に7月〜8月にかけてニガウリの被害は著しい。
Acanthocoris sordidus (Thunberg) ホウズキヘリカメムシ 殻ど年中見られる。各種作物特にそば科、ヒルガオ科作物に多く、山間地では甘藷に大発生することがある。
Cletus trigonus (Thunberg) ホソヘリカメムシ 局地的に大発生することがある。特に1期作水稲の出穂後の発生は被害者著しい。
Leptocoris varicornis (Fabricius) クモヘリカメムシ 殻ど年中見られるが、特に1期作水稲に多く発生する。
Riptortus clavatus (Thunberg) ホソヘリカメムシ 亜科作物を加害するもので、特に大豆、小豆、ハブソウに多い。

Family LYGAEIDAE ナガカメムシ科
Ischnodemus saccharivorus (Okajima) カンショコベナガカメムシ 甘蔗の心葉から汁液を吸収する。発生の多いときは葉が黄変する。天敵（卵寄生蜂）によって制圧され大発生に至ることは稀である。

Family PYRRHOCORIDAE ホシカメムシ科
Dysdercus megalopygus Breddin アカホシカメムシ 殻ど年中発生する。普通はオオハマボウ、ムクゲ等にみられるが、オクラの開花結実期になるとこれに集中する。

Family TINGIDAE グンバイムシ科
Stephanitis pyrioides Scott ツツジグンバイ ツツジ類の葉裏に群発するもので、特に4月〜6月にかけて多く発生する。

Family MIRIDAE メクラカメムシ科
Hallicus tibialis Reuter クロトビメクラカメムシ 殻ど年中見られるが、特に9月〜10月にかけて甘蔗、ウリ類に局地的に大発生することがある。

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