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New Records of *Balclutha* Leafhoppers (Homoptera, Cicadellidae) from Japan

Masami HAYASHI and Hiroko YAMADA¹⁾

Department of Biology, Faculty of Education,
Saitama University, Urawa, 338 Japan

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Nine species of the leafhopper genus *Balclutha* have hitherto been recorded from Japan (MATSUMURA, 1902, 1914; KNIGHT, 1987; WEBB & VILBASTE, 1994). In our recent taxonomic study on this group, we have recognized further six species occurring in Japan.

Balclutha asymmetrica KNIGHT, 1987

This species has been known from the Philippines and Taiwan. More than 70 specimens (27♂ 46♀) have been collected from several islands of the Ryukyus: Tokunoshima, Okinawa, Ishigaki, Iriomote and Yonaguni.

Balclutha batuensis KNIGHT, 1987

This large-sized leafhopper was originally described from W. Malaysia. Later, WEBB & VILBASTE (1994) added the Philippines to its distributional range.

Specimens examined. [Ishigaki Is.] 1♀, Mt. Banna-dake, 7. V. 1991, M. HAYASHI *et al.*; 5♀, Shiramizu, 8–9. VII. 1993 (light trap), M. HAYASHI *et al.*; 1♀, same locality, 14. X. 1993 (light trap), M. NISHIMURA. [Iriomote Is.] 1♀, Funaura, 24. VI. 1992 (light trap), M. HAYASHI *et al.*; 6♀, same data except 29–31. III. 1996 (light trap); 1♂, Mitara, 7. VII. 1993 (light trap), M. HAYASHI *et al.*; 1♀, same data except 30. III. 1996.

Balclutha bifasciata (MERINO, 1936)

This species is widespread in the Oriental tropics and the Pacific. Thirty-six specimens (9♂ 27♀) were collected from the Ryukyu Islands: Amami-Oshima, Tokunoshima, Okinawa, Kumejima, Ishigaki, Iriomote and Yonaguni.

Balclutha rosea (SCOTT, 1872)

This leafhopper has been known to be world-wide in distribution, extending northward to Taiwan in East Asia. It occurs also in the Ryukyus and the Ogasawara Islands as given below.

Specimens examined. [Okinawa Is.] 1♀, Yona, Kunigami, 12. XI. 1985, M. HAYASHI. [Ishigaki Is.] 1♀, Mt. Banna-dake, 27. V. 1990, M. HAYASHI *et al.*; 1♂ 1♀, same data except 29. III. 1991; 1♀, same data except 7. V. 1991; 1♀, Takeda, 16. X. 1990 (light trap), M. HAYASHI *et al.* [Iriomote Is.] 3♀, Ôtomi, 29. III. 1991, M.

¹⁾ Present address: Shikamachi Junior High School, Shikamachi, Nagasaki Pref., 859–62 Japan.

HAYASHI; 1 ♀, Funaura, 18. XI. 1992 (light trap), M. HAYASHI *et al.*; 3 ♀, same data except 11. V. 1993 (light trap); 2 ♀, same data except 29. III. 1996. [Yonaguni Is.] 1 ♂, Ubudumai-hama, 26. IX. 1995, M. HAYASHI *et al.*; 2 ♂, Sonai, 8. X. 1993, M. HAYASHI *et al.*; 1 ♂, Tabaru, 26. IX. 1995 (light trap), M. HAYASHI *et al.*; 2 ♀, Tabaru-ue, 10. X. 1990 (light trap), M. HAYASHI *et al.*; 1 ♀, Cape Iri-zaki, 6. X. 1993, M. HAYASHI *et al.*; 1 ♀, same data except 25. IX. 1995. [Ogasawara Isls.] 1 ♂, Komagari, Chichijima Is., 10. IX. 1994, T. OHBAYASHI.

***Balclutha rubrostriata* (MELICHAR, 1903)**

This bright-colored leafhopper occurs widely in the tropics, and as north as Taiwan and the Philippines in SE. Asia (KNIGHT, 1987). It is newly recorded from Miyako and Ishigaki of the Ryukyus.

Specimens examined. [Miyako Is.] 6 ♂ 6 ♀, Mt. Nohara-dake, Ueno/Gusukube, 2. IV. 1991, M. HAYASHI; 5 ♀, same data except 21. XI. 1992. [Ishigaki Is.] 3 ♂ 3 ♀, Shinkawa, 16. IV. 1981, K. BABA.

***Balclutha sternalis* (DISTANT, 1918)**

This species has hitherto been known from Russia, China and India (WEBB & VILBASTE, 1994). We have examined some specimens collected from Okinawa, Ishigaki and Iriomote of the Ryukyus.

Specimens examined. [Okinawa Is.] 1 ♂, Mt. Terukubi-yama, Kunigami, 22. XII. 1991, M. HAYASHI *et al.*; 1 ♀, Yona, Kunigami, 22. XII. 1991, M. HAYASHI *et al.*; 1 ♀, same data except 15. VI. 1994 (light trap); 1 ♂, Mt. Yonaha-dake, Kunigami, 4. VII. 1993, M. HAYASHI *et al.*; 1 ♀, same data except 8. X. 1995; 1 ♂, Haneji-Ôkawa, Nago, 16. V. 1993 (light trap), M. HAYASHI *et al.*; 1 ♂, Kyoda, Nago, 6. V. 1991, M. HAYASHI *et al.*; 10 ♂ 13 ♀, same data except 24. XII. 1991; 1 ♀, Kisembaru, Kin, 10. X. 1995, M. HAYASHI *et al.* [Ishigaki Is.] 1 ♀, Mt. Banna-dake, 4. XI. 1985, M. HAYASHI; 1 ♀, Omoto/Takeda, 1. VI. 1990 (light trap), M. HAYASHI *et al.*; 2 ♂, same data except 2. X. 1995. [Iriomote Is.] 1 ♀, Mombanare, Ôtomi, 29. VIII. 1985, M. HAYASHI; 1 ♀, Aira, 29. IX. 1993, M. HAYASHI *et al.*; 1 ♂, Funaura, 5. XI. 1985, M. HAYASHI; 1 ♂, same data except 31. III. 1996 (light trap); 1 ♀, Mitara, 30. IX. 1995, M. HAYASHI *et al.*

References

- KNIGHT, W. J., 1987. Leafhoppers of the grass-feeding genus *Balclutha* (Homoptera, Cicadellidae) in the Pacific region. *J. nat. Hist.*, **21**: 1173–1224.
- MATSUMURA, S., 1902. Monographie der Jassiden Japans. *Term. Fûzet.*, **25**: 353–404.
- 1914. Die Jassiden und einige neue Acocephalinen Japans. *J. Col. Agr., Tohoku Imp. Univ.*, **5**: 165–240.
- WEBB, M. D., & J. VILBASTE, 1994. Review of the leafhopper genus *Balclutha* KIRKALDY in the Oriental Region (Insecta: Homoptera: Auchenorrhyncha: Cicadellidae). *Ent. Abh. Mus. Tierkd. Dresden*, **56**: 55–87.

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