

A LIST OF CHRYSOMELID-BEETLES COLLECTED  
BY DR. T. SHIRAKI, FROM THE LOOCHOO  
ISLANDS, WITH DESCRIPTIONS OF  
SOME NEW SPECIES II\*  
(Coleoptera)

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Subfamily ALTICINAE

**Psylliodes bretinghami** Baly, 1862

Iriomote Is.: Komi (2 exs., 20. I. 1953, T. Shiraki leg.).

**Chaetocnema (Tlanoma) discreta** (Baly, 1877)

Ishigaki Is.: Ohama (1 ex., 29. I. 1953, T. Shiraki leg.).

**Chaetocnema (Tlanoma) basalis** (Baly, 1877)

Ishigaki Is.: Takeda (1 ex., 9. II. 1953, T. Shiraki leg.).

Okinawa Is.: Katsuyama (2 exs., 19. III. 1953, T. Shiraki leg.).

Amami-Oshima: Naze (1 ex., 21. V. 1953, T. Shiraki leg.).

**Chaetocnema (Tlanoma) formosensis** Chûjô, 1935

Miyako Is.: Gusukube (1 ex., 10. III. 1953, T. Shiraki leg.).

**Manobia lewisi** Jacoby, 1885

Amami-Oshima: Yuwan (1 ex., 2. V. 1953, T. Shiraki leg.).

**Manobia gressitti** Nakane et Kimoto, n. sp.

Reddish brown, shining; antennae reddish brown, with first and second segments, in many cases also seventh, eighth and ninth, piceous.

Head impunctate; frontal tubercles very small but distinct, triangular, smooth and strongly limited from behind. Antennae almost half as long as body, first segment strongly thickened and the longest, three following ones nearly equal in length to each other, but second much robuster than the others. Pronotum almost twice as broad as long, sides straight, narrowed posteriorly, anterior angles obliquely truncate, basal margin produced posteriorly at middle; surface convex, strongly or feebly but always sparsely punctured, ante-basal transverse impression shallow. Scutellum very small, semicircular, surface impunctate. Elytra strongly raised on basal area and humerus on each elytron, distinctly punctate-striate, but the punctures more obsoletely impressed in subbasal area and posterior half,

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\* Contribution Ser. 2, No. 75, Entomological Laboratory, Kyushu University.

interstices smooth. Body beneath and legs rather sparsely covered with yellowish pubescence.

Length: 1.5 mm.

Holotype: 31. XII. 1952, Sonai, Iriomote Is., T. Shiraki leg. (Department of Entomology, National Institute of Agricultural Sciences, Tokyo).

Paratypes: 1 ex., XI-XII. 1952, Miyako Is., G. E. Bohart leg. 10 exs., 1-5. XII. 1952, Ishigaki Is., G. E. Bohart leg. 1 ex., 10-15. XII. 1952, Ishigaki Is., G. E. Bohart leg. 1 ex., 15-20. XII. 1952, Ishigaki Is., G. E. Bohart leg. 28 exs., 20-30. XII. 1952, Ishigaki Is., G. E. Bohart leg. 4 exs., 1-5. I. 1953, Ishigaki Is., G. E. Bohart leg.

Distribution: Loochoos (Ishigaki Is., Miyako Is., Iriomote Is.).

This species is close to *M. lewisi* Jacoby from Japan, but may be separable from the latter by much broader elytra with more strongly convex subbasal areas and much weaker elytral punctuation, esp. in the subbasal and the apical areas, and basal two, in many cases also seventh, eighth and ninth antennal segments piceous.

Kimoto (1957) recorded *M. formosana* Chûjô, from Japan (Kyushu), but that insect should be identified as *M. lewisi*. According to the original description, the pronotum of *M. lewisi* has "the sides straight and converging from base to apex." But, as a result of Kimoto's studies on the type of *M. lewisi*, preserved in the British Museum (Natural History), London, the description should be read "the sides almost straight and diverging from base to apex." On the other hands, *M. formosana* is characteristic by very long antennae which are longer than the body.

The record of *M. lewisi* from Iriomote Is. was made by Chûjô, 1935 & '36. According to the authors' studies, however, *M. lewisi* does not distribute in the Sakishima group, but in Amami-Oshima, Yakushima and Kyushu (Cape Sata), and *M. gressitti* is restricted to the Sakishima group only. Judging from these facts on the distribution, Chûjô's record of *M. lewisi* from Iriomote Is. may be referred to this new species.

***Altica coerulescens* (Baly, 1874)**

Okinawa Is.: Gushisen (2 exs., 16. VI. 1953, T. Shiraki leg.).

***Altica cirsicola* Ohno, 1960**

Ishigaki Is.: Ishigaki (4 exs., 25. I. 1953, T. Shiraki leg.).

The elytral microsculpture of the above specimens is weaker and more irregular than that of the specimens from Japan proper.

***Altica cyanea* (Weber, 1801)**

Iriomote Is.: Funauki (1 ex., 7. I. 1953, T. Shiraki leg.).

Amami-Oshima: Yuwan (1 ex., 2. V. 1953, T. Shiraki leg.).

***Zipangia lewisi* (Jacoby, 1885)**

Okinawa Is.: Yonaha (25 exs., 25. III. 1953; 6 exs., 8. IV. 1953; 3 exs., 9. IV. 1953; 8 exs., 11. IV. 1953, T. Shiraki leg.).

***Sphaeroderma quadrimaculata* Chûjô, 1935**

Ishigaki Is.: Ishigaki (1 ex., 30. I. 1953, T. Shiraki leg.), Ohama (2 exs., 3. II. 1953; 2 exs., 6. II. 1953, T. Shiraki leg.), Kainan (1 ex., 8. II. 1953, T. Shiraki leg.).

Miyako Is.: Shimoji (1 ex., 13. III. 1953, T. Shiraki leg.).

Okinawa Is.: Nakagusuku (2 exs., 17. IV. 1953, T. Shiraki leg.), Misato (1 ex., 21. IV. 1953, T. Shiraki leg.).

Amami-Oshima: Yuwan (2 exs., 3. V. 1953, T. Shiraki leg.).

**Hemipyxis foveolata** (Chûjô, 1958)

Okinawa Is.: Mt. Yonaha (17 exs., 25. III. 1953; 2 exs., 8. IV. 1953; 3 exs., 11. IV. 1953, T. Shiraki leg.).

Amami-Oshima: Yuwan (3 exs., 1. V. 1953; 1 ex., 2. V. 1953; 6 exs., 3. V. 1953; 1 ex., 4. V. 1953, T. Shiraki leg.), Shinokawa (3 exs., 9. V. 1953, T. Shiraki leg.), Shinmura (1 ex., 16. V. 1953, T. Shiraki leg.).

**Hemipyxis shirakii** Nakane et Kimoto, n. sp.

Yellowish brown; antennae piceous with basal two or three segments paler; eyes black; elytra each with a rounded blackish spot at base near scutellum and an oblong blackish one on humeri, which is sometimes prolonged backwards and forming a longitudinal stripe.

Head with vertex convex, impunctate; frontal tubercles subtriangular, contiguous to each other and limited from behind by a distinct furrow which includes a large deep fovea; interantennal space elevated; eyes large, interocular space narrow and almost as wide as width of single eye. Antennae a little shorter than the length of body, first segment thickened terminally, a little excurved, second the shortest, third twice as long as second and subequal to each of fourth and fifth. Pronotum transverse, almost three times as wide as long, narrowed anteriorly, anterior corner somewhat thickened, lateral borders almost straight rather than rounded, very narrowly margined, posterior corner rounded; surface transversely convex, finely and sparsely punctured. Scutellum trigonate, impunctate. Elytra oblong, a little broader than pronotum, dorsal surface convex, very minutely and closely punctured, sides without flattened surface.

Length: 5.0 mm.

Holotype: 8. IV. 1953, Mt. Yonaha, Okinawa Is., T. Shiraki leg. (Department of Entomology, National Institute of Agricultural Sciences, Tokyo).

Paratopotype: 1 ex., same as the holotype.

Paratypes: 1 ex., 9. IV. 1953, Yonaha, Okinawa Is., T. Shiraki leg. 2 exs., 21. IV. 1953, Misato, Okinawa Is., T. Shiraki leg. 1 ex., 24. III. 1953, Ginama, Okinawa Is., T. Shiraki leg.

Distribution: Loochoos (Okinawa Is.).

This species is closely resembling *H. balyi* (Bates) and *foveolata* (Chûjô). But it may be separable from them by much narrower interocular space, and the pronotum and elytra without any distinct lateral reflexed surface.

**Hemipyxis balyi okinawana** Nakane et Kimoto, n. subsp.

Reddish brown, antennae black, with basal two or three segments much paler; elytra black with suture, apex and lateral margins broadly stained with reddish brown.

Length: 3.5-5.5 mm.

Holotype: 16-18. VIII. 1958, Yona, Okinawa Is., T. Hidaka leg. (Entomological Laboratory, Kyushu University, Fukuoka).

Paratopotype: 1 ex., same as the holotype.

Paratypes: 8 exs., 22. III. 1953, Nakijin, Okinawa Is., T. Shiraki leg. 2 exs., 23. III. 1953, Hentona, Okinawa Is., T. Shiraki leg. 2 exs., 26. III. 1953, Hentona, Okinawa Is., T. Shiraki leg. 4 exs., 6. IV. 1953, Hentona, Okinawa Is., T. Shiraki leg. 1 ex., 8. IV. 1953, Mt. Yonaha, Okinawa Is., T. Shiraki leg. 1 ex., 9. IV. 1953, Mt. Yonaha, Okinawa Is., T. Shiraki leg. 1 ex., 11. IV. 1953, Mt. Yonaha, Okinawa Is., T. Shiraki leg. 17 exs., 15. IV. 1953, Nakagusuku, Okinawa Is., T. Shiraki leg. 3 exs., 17. IV. 1953, Nakagusuku, Okinawa Is., T. Shiraki leg. 1 ex., 16. IV. 1953, Shuri, Okinawa Is., T. Shiraki leg. 5 exs., 21. IV. 1953, Misato, Okinawa Is., T. Shiraki leg. 2 exs., Okinawa Is., 5. IV. 1955, T. Takara leg. 2 exs., 10. IV. 1953, Okinawa Is., T. Takara leg. 1 ex., 3. VI. 1958, Urasoe, Okinawa Is., K. Iha leg. 2 exs., 26. VI. 1958, Yurunji, Okinawa Is., K. Iha leg.

Distribution: Loochoos (Okinawa Is.).

This subspecies resembles subsp. *cinctipennis* (Weise) from Amami-Oshima, but the elytral suture is broadly reddish brown and the discal markings are black rather than blue.

**Hemipyxis balyi cinctipennis** (Weise, 1890)

Amami-Oshima: Naze (1 ex., 27. IV. 1953, T. Shiraki leg.), Yuwan (21 exs., 29. IV. 1953; 3 exs., 30. IV. 1953; 2 exs., 1. V. 1953; 2 exs., 3. V. 1953; 3 exs., 4. V. 1953; 1 ex., 6. V. 1953; 1 ex., 8. V. 1953, T. Shiraki leg.), Shinokawa (1 ex., 9. V. 1953, T. Shiraki leg.), Shinmura (9 exs., 16. V. 1953, T. Shiraki leg.), Kinase (2 exs., 20. V. 1953, T. Shiraki leg.), Naze (1 ex., 21. V. 1953, T. Shiraki leg.).

**Batophyla latissima** Chûjô, 1956

Amami-Oshima: Yuwan (1 ex., 29. IV. 1953; 1 ex., 30. IV. 1953; 1 ex., 1. IV. 1953, T. Shiraki leg.).

**Longitarsus bimaculatus** (Baly, 1874)

Okinawa Is.: Katsuyama (1 ex., 19. III. 1953, T. Shiraki leg.).

**Longitarsus borodinensis** Chûjô, 1940

Okinawa Is.: Katsuyama (1 ex., 19. III. 1953, T. Shiraki leg.), Gushichan (1 ex., 3. IV. 1953, T. Shiraki leg.).

These specimens seem to be identical with *L. borodinensis*. In the original description, Chûjô described "Vertex...smooth," but the specimens before the authors have the vertex minutely and transversely wrinkled.

**Luperomorpha nobilis** Weise, 1889

Ishigaki Is.: Ishigaki (1 ex., 25. I. 1953, T. Shiraki leg.), Ohama (1 ex., 6. II. 1953; 2 exs., 7. II. 1953, T. Shiraki leg.), Shiraho (1 ex., 26. II. 1953, T. Shiraki leg.).

The authors are not sure whether these specimens are truly *L. nobilis*. The revisional work on the type of the species may be necessary. Until today, this species has been recorded from China, Formosa and the Loochoos (Ishigaki Is.).

**Phyllotreta striolata** (Fabricius, 1803)

Iriomote Is.: Komi (1 ex., 21. I. 1953, T. Shiraki leg.).

Ishigaki Is.: Ishigaki (11 exs., 17. II. 1953, T. Shiraki leg.).

Okinawa Is.: Nakijin (1 ex., 22. III. 1953, T. Shiraki leg.), Tamagusuku (1 ex., 2. IV. 1953, T. Shiraki leg.).

**Aphthona formosana** Chen, 1934

Iriomote Is.: Natayama (2 exs., 9. I. 1953, T. Shiraki leg.).

Ishigaki Is.: Kainan (2 exs., 8. II. 1953, T. Shiraki leg.).

Okinawa Is.: Mt. Yonaha (1 ex., 8. IV. 1953; 1 ex., 9. IV. 1953, T. Shiraki leg.).

Amami-Oshima: Shinokawa (2 exs., 9. V. 1953; 2 exs., 11. V. 1953, T. Shiraki leg.), Shinmura (1 ex., 10. V. 1953, T. Shiraki leg.).

## Subfamily CASSIDINAE

**Lacoptera quadrimaculata** (Thunberg, 1789)

Ishigaki Is.: Ohama (3 exs., 29. I. 1953, T. Shiraki leg.), Takeda (1 ex., 9. II. 1953, T. Shiraki leg.), Kabira (1 ex., 11. II. 1953; 1 ex., 23. II. 1953, T. Shiraki leg.), Ishigaki (1 ex., 17. II. 1953; 2 exs., 20. II. 1953, T. Shiraki leg.), Kainan (3 exs., 24. II. 1953, T. Shiraki leg.), Inoda (2 exs., 27. II. 1953, T. Shiraki leg.).

**Cassida (Taiwania) circumdata** Herbst, 1790

Ishigaki Is.: Ohama (1 ex., 6. II. 1953, T. Shiraki leg.), Takeda (1 ex., 9. II. 1953; 3 exs., 14. II. 1953, T. Shiraki leg.), Kabira (1 ex., 23. II. 1953, T. Shiraki leg.), Kainan (1 ex., 24. II. 1953, T. Shiraki leg.), Inoda (3 exs., 27. II. 1953, T. Shiraki leg.).

Miyako Is.: Karimata (1 ex., 15. III. 1953, T. Shiraki leg.).

Okinawa Is.: Nakagusuku (1 ex., 17. III. 1953; 1 ex., 15. IV. 1953, T. Shiraki leg.), Nago (1 ex., 20. III. 1953, T. Shiraki leg.), Nakijin (1 ex., 22. III. 1953, T. Shiraki leg.), Mt. Yonaha (1 ex., 25. III. 1953, T. Shiraki leg.), Henton (1 ex., 26. III. 1953; 1 ex., 27. III. 1953; 2 exs., 6. IV. 1953, T. Shiraki leg.), Tamagusuku (7 exs., 2. IV. 1953, T. Shiraki leg.), Gushichan (2 exs., 3. IV. 1953, T. Shiraki leg.), Shuri (2 exs., 16. IV. 1953, T. Shiraki leg.), Misato (1 ex., 21. IV. 1953, T. Shiraki leg.).

Amami-Oshima: Naze (1 ex., 27. IV. 1953; 1 ex., 21. V. 1953, T. Shiraki leg.), Yuwan (3 exs., 29. IV. 1953; 4 exs., 30. IV. 1953; 3 exs., 7. V. 1953, T. Shiraki leg.), Shinmura (1 ex., 10. V. 1953, T. Shiraki leg.), Kinase (1 ex., 20. V. 1953; 1 ex., 25. V. 1953, T. Shiraki leg.).

**Cassida (Taiwania) versicolora** (Boheman, 1855)

Okinawa Is.: Katsuyama (1 ex., 19. III. 1953, T. Shiraki leg.).

**Cassida (Alledoya) vespertina** (Boheman, 1860)

Ishigaki Is.: Ohama (1 ex., 6. II. 1953, T. Shiraki leg.).

**Cassida (Cassida) japana** Baly, 1874

Amami-Oshima: Yuwan (1 ex., 2. V. 1953, T. Shiraki leg.).

**Thlaspida biramosa japonica** Spaeth, 1914

Okinawa Is.: Yonaha (2 exs., 25. III. 1953; 1 ex., 8. IV. 1953; 1 ex., 9. IV. 1953; 1 ex., 11. IV. 1953, T. Shiraki leg.), Gushichan (3 exs., 3. IV. 1953, T. Shiraki leg.).

The specimens from Okinawa are somewhat smaller than those from Japan proper, and the central prominence of elytra is thicker, wholly dark-coloured in mature individuals, and the postero-lateral branch of dark colour on each elytron is narrower. Sometimes the disc of elytra is nearly black on basal half.