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短 報 [MISCELLANEOUS NOTES]

Kontyū, 1971, 39 (2): 172-176.

A LIST OF CHRYSOMELID BEETLES FROM SAKHALIN IN THE COLLECTION
OF THE ENTOMOLOGICAL INSTITUTE, HOKKAIDO
UNIVERSITY (COLEOPTERA)

HARUO TAKIZAWA

The Hatano Tobacco Experiment Station, Japan Monopoly Corporation, Hatano

Our knowledge of the Chrysomelid fauna of Sakhalin is still not satisfactory. So far as I am aware 36 species of the family have been recorded from Sakhalin by authors. Recently, I have had the opportunity to examine a lot of Chrysomelid specimens from Sakhalin preserved in the collection of the Entomological Institute, Hokkaido University, Sapporo. As a result of my examination a list of 61 species is given below. Furthermore, in the course of the present work I have found a new species, *Cryptocephalus matsumurai*, which is described in another paper in this journal (see p. 137).

The specimens used in this paper were collected by the following entomologists, to whom I wish to express my sincere gratitude: J. Adachi, T. Haga, M. Hori, T. Inoue, S. Issiki, K. Konda, H. Kôno, S. Matsumura, Y. Miwa, K. Miyabe, K. Murase, K. Oguma, Y. Ohta, I. Okada, T. Sawamoto, J. Shibuya, T. Shimizu, T. Takagi, S. Takano, K. Tamanuki, T. Uchida and C. Watanabe. On this occasion I wish to express my cordial thanks to Prof. C. Watanabe of the Entomological Institute, Hokkaido University for his continuous guidance. Thanks are also due to Dr. S. Kimoto and Prof. M. Ohno for their kindness in various ways.

Subfamily Donaciinae

- *1. *Plateumaris consimilis* (Schränk, 1781). Southern Sakhalin-Itinosawa.
2. *Plateumaris sericea* (Linnaeus, 1758). Southern Sakhalin-Kasiho. Kimoto (1964) gives Sakhalin as a locality of this species.

Subfamily Criocerinae

3. *Lilioceris merdigera* (Linnaeus, 1758) = *Crioceris nigratarsis* Doi, 1928 (the type in Entomological Institute, Hokkaido University). Southern Sakhalin-Sakaehama. Yuasa (1939) gives S. Sakhalin as a locality of this species.
4. *Oulema erichsoni* (Suffrian, 1841) = *Lema sapporensis* Matsumura, 1911 (syntypes in Ent. Inst., Hokkaido Univ.). Southern Sakhalin-Konuma; Tarantomari.
- *5. *Oulema lichenis* (Voet, 1806). Southern Sakhalin-Otani; Toyohara.

Subfamily Clytrinae

- *6. *Smaragdina aurita* (Linnaeus, 1758). Southern Sakhalin-Takinosawa.

* This species is new to Sakhalin.

Subfamily **Cryptocephalinae**

- *7. *Cryptocephalus approximatus* Baly, 1873. Southern Sakhalin-Konuma.
- *8. *Cryptocephalus bilineatus* (Linnaeus, 1758)=*Cryptocephalus pygmaeus* Linnaeus ab. *acciculatus* Tamanuki, 1927. Southern Sakhalin-Otiho; Tirie; Tomunai; Toyohara.
- *9. *Cryptocephalus kiyosatonus* Kimoto, 1964. Southern Sakhalin-Kasiho; Keton; Konuma; Otomari; Otani; Otiho; Sakaehama; Sikuka; Tarantomari; Tomunai; Toyohara. In the specimens examined the antennae are yellowish brown on the basal five segments, and the elytra are somewhat brownish on the posterior half.
- *10. *Cryptocephalus matsumurai* Takizawa, 1971. Southern Sakhalin-Keton; Otomari; Otiai. Northern Sakhalin-Minami-koti in Otomari.
- *11. *Cryptocephalus nigrofasciatus* Jacoby, 1885. Southern Sakhalin-Otani.
- *12. *Cryptocephalus obliquostriatus* Motschulsky, 1866. Southern Sakhalin-Toyohara.
- *13. *Cryptocephalus ochroloma* Gebler, 1830. Southern Sakhalin-Keton.
- *14. *Cryptocephalus pumilo* Suffrian, 1854. Southern Sakhalin-Toyohara.
- *15. *Cryptocephalus punctiger* Paykull, 1799. Southern Sakhalin-Honto; Otomari; Tomunai. The present specimens do not agree with the description given by Weise (1893) in the colouration of the head, resembling *C. discretus* Baly, 1873, in this respect. Moreover, the shape of the aedeagus is somewhat different from the figure given by Mohr (1966).
- *16. *Cryptocephalus sexpunctata* (Linnaeus, 1758). Southern Sakhalin-(detailed locality unknown).
- *17. *Cryptocephalus splendens* Kraatz, 1879. Southern Sakhalin-Itinosawa; Konuma; Otomari; Otiho; Tomunai.
- *18. *Cryptocephalus yamadai* Chûjô, 1940. Southern Sakhalin-Keton.
- *19. *Cryptocephalus* sp. Northern Sakhalin-Pileo.

Subfamily **Eumolpinae**

- *20. *Basilepta balyi* (Harold, 1877). Southern Sakhalin-Kurasi; Tarantomari; Tokonbo.
- 21. *Bromius obscurus* (Linnaeus, 1758). Southern Sakhalin-Habomai; Hizawa; Horo; Itinosawa; Kasiho; Keton; Kiminai; Konuma; Kurasi; Miyana; Noda; Otani; Otiai; Sakaehama; Kaituka; Suzuya-dani; Tarantomari; Todoroki-toge; Tomarikisi; Tomunai; Toyohara. Northern Sakhalin-Otomari; Tuimohu; Ruikohusukoe (after Kôno & Tamanuki, 1926). Matsumura (1911) gives Sakhalin as a locality of this species for the first time.

Subfamily **Synetinae**

- 22. *Syneta adamsi* Baly, 1877. Southern Sakhalin-Horo; Konuma. Chûjô & Kimoto (1961) give Sakhalin as a locality of this species.

Subfamily **Chrysomelinae**

- 23. *Chrysolina aurichalcea* (Mannerheim, 1825). Southern Sakhalin-Itinosawa; Kaiba-to; Konuma; Otani; Tokonbo; Toyohara. Northern Sakhalin-Tuimohu (after Kôno & Tamanuki, 1926).
- 24. *Chrysolina brunneipennis* (Matsumura, 1911) (syntypes in Ent. Inst., Hokkaido Univ.). Southern Sakhalin-Kozawa; Odasamu; Otomari; Otani; Otiai; Sakaehama; Toyohara. Northern Sakhalin-Pileo; Tuimohu; Ruikohusukoe (after Kôno & Tamanuki, 1926).
- 25. *Chrysolina nikolskyi* (Jacobson, 1798)=*Timarcha kawakamii* Matsumura, 1911 (syntypes in Ent. Inst., Hokkaido Univ.). Southern Sakhalin-Horo; Itinosawa; Kasiho; Kurasi; Mototomari; Nairo; Noda; Otani; Otiai; Sikuka; Tarantomari; Tomarikisi; Toyohara; Syasi, Suzuya & Usyoro (after Kôno & Tamanuki, 1926).
- 26. *Chrysolina watanabei* Takizawa, 1970. Southern Sakhalin-Itinosawa.
- 27. *Chrysolina yezoensis* (Matsumura, 1911) (syntypes in Ent. Inst., Hokkaido Univ.). Southern Sakhalin-Konuma; Otani; Otiai.
- 28. *Gastrolina peltoidea* (Gebler, 1832)=*Gastrolina japana* Jacoby, 1885. Southern Sakhalin-Higasi-Siritoru; Horo; Hoe; Mototomari; Nairo; Sikuka; Tarantomari; Tomunai. Kôno (1936) gives Sakhalin as a locality of this species.
- *29. *Gastrophysa atrocyanea* Motschulsky, 1860. Sakhalin-(detailed locality unknown).
- *30. *Goniocтена chujoi* L. Medvedev, 1966. Southern Sakhalin-Horo; Takinosawa. Northern Sakhalin-Tuimohu.
- *31. *Goniocтена springlovae* (Bechyne, 1947). Southern Sakhalin-Horo; Hoe.
- 32. *Linnaeidea aenea* (Linnaeus, 1758). Southern Sakhalin-Hoe; Horo; Horonai-gawa; Kiminai;

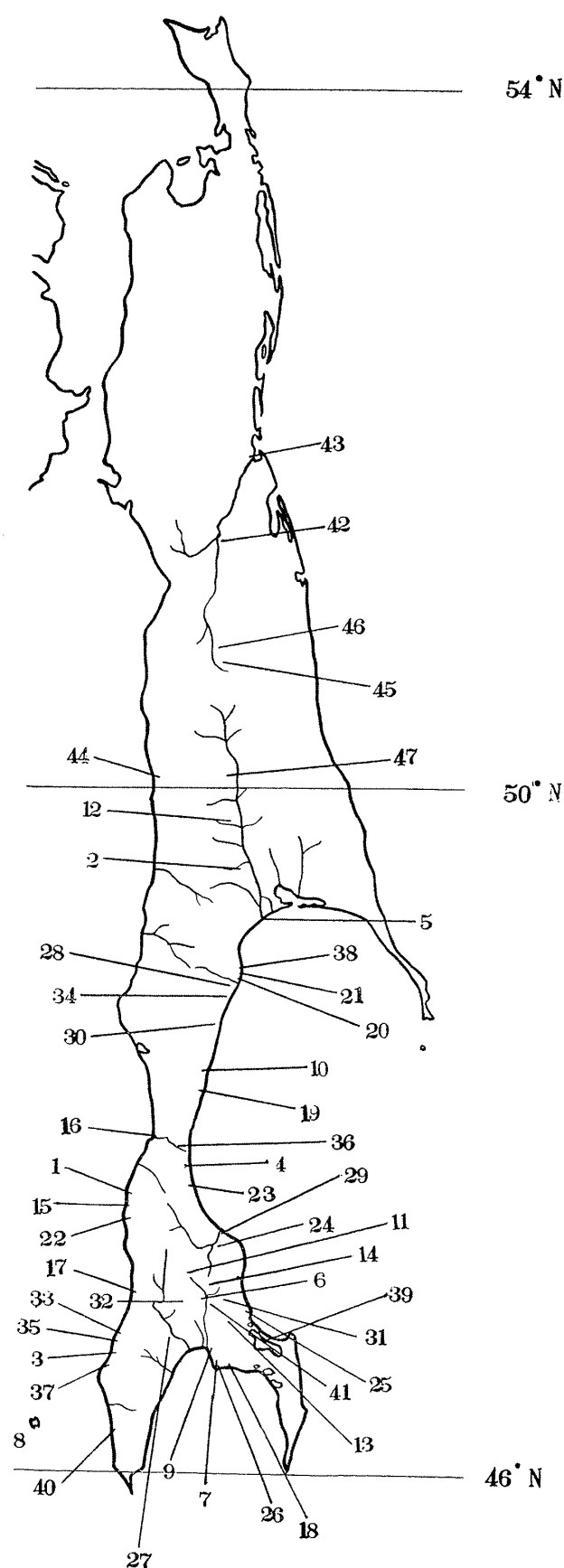


Fig. 1. Map of the collecting places stated in this paper in Sakhalin.

Southern Sakhalin		25. Otiho
1. Habomai	26. Otomari	
2. Hoe	27. Otoyō	
3. Honto	28. Sikuka	
4. Horo	29. Sakaehama	
5. Horonai-gawa	30. Siritoru	
6. Ikusakawa	31. Suzuya-dani	
7. Itinosawa	32. Takinosawa	
8. Kaiba-to	33. Tarantomari	
9. Kaituka	34. Tirie	
10. Kasiho	35. Tobusi	
11. Kawakami	36. Todoroki-toge	
12. Keton	37. Tokonbo	
13. Kiminai	38. Tomarikisi	
14. Konuma	39. Tomunai	
15. Kurasi	40. Towata	
16. Kusyunnai	41. Toyohara	
17. Maoka		
18. Merei	Northern Sakhalin	
19. Mototomari	42. Adatuimi	
20. Nairo	43. Nuio	
21. Niitōi	44. Pileo	
22. Noda	45. Ruikohusukoe	
23. Odasamu	46. Tuimohu	
24. Otiai	47. Onoru	

Merei; Tomunai; Suzuya, Syasi & Uysoro (after Matsumura, 1911). Northern Sakhalin—(detailed locality unknown).

33. *Paropsides duodecimpustulata* Gebler, 1825. Southern Sakhalin—Otani; Toyohara. Northern Sakhalin—Nuio. Kano (1930) gives Sakhalin as a locality of this species.
- *34. *Phratora inhonesta* (Weise, 1884). Southern Sakhalin—Hoe; Horonai-gawa; Kasiho; Konuma; Otani; Otiai; Tarantomari; Toyohara.
35. *Plagioderma versicolora* (Laicharting, 1781). Southern Sakhalin—Itinosawa; Konuma; Niitōi; Noda; Otani; Otiai; Otiho; Sikuka; Tobusi; Tokonbo; Toyohara. Northern Sakhalin—Nuio; Pileo (after Kōno & Tamanuki, 1926).
- *36. *Prasocuris phellandrii* (Linnaeus, 1758). Southern Sakhalin—Higasi-Siritoru.

Subfamily Galerucinae

37. *Atrachya menetriesi* (Faldermann, 1835)=*Luperodes nigripennis* Motschulsky, 1860=*Luperodes praestus* Motschulsky, 1860. Southern Sakha-

- lin-Itinosawa; Kurasi; Kusyunnai; Maoka; Nairo; Noda; Otani; Otiai; Otomari; Tarantomari; Tokonbo; Toroituko; Toyohara. Northern Sakhalin-Adatuimi; Nuio; Seamuhadan.
38. *Galeruca spectabilis* Faldermann, 1837. Southern Sakhalin-Itinosawa.
39. *Galeruca tanacetii insicollis* Motschulsky, 1860. Southern Sakhalin-Nairo; Sikuka.
40. *Galerucella grisescens* (Joannis, 1866)=*Galerucella rubi* Tamanuki, 1928, **syn. nov.** Southern Sakhalin-Horo; Horonai-gawa; Konuma; Otani; Sikuka; Tomunai; Toyohara.
41. *Lochmaea capreae* (Linnaeus, 1758). Southern Sakhalin-Kawakami; Konuma; Tarantomari. Northern Sakhalin-(detailed locality unknown).
- *42. *Luperus viridipennis murakamii* Kimoto, 1965. Southern Sakhalin-Horonai-gawa; Kokkyo; Mototomari; Sikuka; Tarantomari.
- *43. *Luperus flavipes obscuricornis* Ogloblin, 1936. Northern Sakhalin-(detailed locality unknown).
44. *Pyrrhalta lineola* (Fabricius, 1781). Southern Sakhalin-Kaituka; Konuma; Otani; Otiai; Tarantomari; Tomunai. Northern Sakhalin-Pileo. Gressitt & Kimoto (1963) give Sakhalin as a locality of this species.
- *45. *Stenoluperus nipponensis* (Laboissière, 1913). Southern Sakhalin-Honto; Horo; Horonai-gawa; Kaituka; Kasiho; Keton; Konuma; Maoka; Mototomari; Noda; Otomari; Tarantomari; Tomunai; Towata; Toyohara. Northern Sakhalin-Nuio; Pileo.

Subfamily Alticinae

- *46. *Altica brevicollis* Foudras, 1860. Southern Sakhalin-Tomunai.
- *47. *Altica oleracea* (Linnaeus, 1758)?=*Haltica latericosta*: Kôno & Tamanuki, 1926. Southern Sakhalin-Keton; Konuma; Tarantomari. Northern Sakhalin-Pileo. As the five specimens examined are all females the present identification is rather tentative.
48. *Aphthona perminuta* Baly, 1874=*Aphthona semiviridis* Jacoby, 1885. Southern Sakhalin-Konuma; Otani; Toyohara. Hori (1943) gives Sakhalin as a locality of this species.
49. *Argopus punctipennis* Motschulsky, 1866. Southern Sakhalin-Horo; Otiho; Tarantomari. Chûjô & Kimoto (1961) give S. Sakhalin as a locality of this species.
50. *Asiolestia interpunctata* (Motschulsky, 1859)=*Crepidodera mitsuhashii* Matsumura, 1911 (syntypes in Ent. Inst., Hokkaido Univ.). Southern Sakhalin-Itinosawa; Otani; Otomari; Honto; Tomunai; Toyohara.
- *51. *Asiolestia obscuritarsis* (Motschulsky, 1859). Southern Sakhalin-Konuma.
- *52. *Chaetocnema concinna* (Marshall, 1802). Southern Sakhalin-Otani; Toyohara.
- *53. *Chaetocnema* sp. Southern Sakhalin-Horonai-gawa.
- *54. *Crepidodera plutus* (Latreille, 1804). Southern Sakhalin-Kasiho; Otani. In the specimens examined the femora are blackish.
- *55. *Hippuriphila babai* (Chûjô, 1959). Southern Sakhalin-Otani; Tarantomari; Toyohara.
56. *Longitarsus lewisii* (Baly, 1874). Southern Sakhalin-Konuma; Sakaehama; Tomunai; Towata; Toyohara. Hori (1934) gives S. Sakhalin as a locality of this species.
- *57. *Phyllotreta* sp. Southern Sakhalin-Toyohara.
- *58. *Psylliodes* sp. Southern Sakhalin-Itinosawa; Otani.
- *59. *Sangariola punctatostriata* (Motschulsky, 1860). Southern Sakhalin-Itinosawa.

Subfamily Cassidinae

60. *Cassida nebulosa* (Linnaeus, 1758). Southern Sakhalin-Konuma; Tarantomari. Hori (1934) gives Sakhalin as a locality of this species.
61. *Cassida rubiginosa* Müller, 1776=*Cassida viridis*: Kôno & Tamanuki, 1926. Southern Sakhalin-Horo; Konuma; Todoroki-toge; Toyohara. Northern Sakhalin-Tuimohu.

Besides the above listed 61 species, the following 8 species have been recorded from Sakhalin by previous authors.

1. *Cryptocephalus karkfontis* Kôno & Tamanuki, 1926. Northern Sakhalin-Adatuimi (type location unknown).
2. *Chrysomela lapponica* (Linnaeus, 1758). Southern Sakhalin-Maoka (after Kôno & Tamanuki, 1926 [*Melasoma*]). Northern Sakhalin-Pileo (after Kôno & Tamanuki).
3. *Gonioctena viminalis* (Linnaeus, 1758), ab. *karkfontis* Kôno & Tamanuki, 1926 [*Phytodecta*]. Northern Sakhalin-Adatuimi (after Kôno & Tamanuki, 1926).
4. *Phratora striata* Motschulsky, 1860. Northern Sakhalin-Pileo & Onoru (after Kôno & Tamanuki, 1926 [*Phyllodecta*]).

5. *Monolepta dichroum* Harold, 1877. Northern Sakhalin-Ruikohusukoe (after Kôno & Tamanuki, 1926).
6. *Pyrrhalta annulicornis* (Baly, 1781). Chûjô & Kimoto (1961) give Sakhalin as a locality of this species.
7. *Phyllotreta striorata* (Fabricius, 1803)=*Phyllotreta vittata*: Hori, 1934. Hori gives S. Sakhalin as a locality of this species.
8. *Psylliodes angusticollis* Baly, 1874. Hori (1934) gives Sakhalin as a locality of this species. In addition to the above listed species, Hori (1934) recorded from Sakhalin *Chrysomela sohlbergiana* Jacobson (*sic*), which is utterly unknown to me.

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Kontyû, 1971, **39** (2): 176-177.

NOTES ON CHRYSOMELIDAE OF THE KURILE ISLANDS (COLEOPTERA)

HARUO TAKIZAWA

The Hatano Tobacco Experiment Station, Japan Monopoly Corporation, Hatano

Recently the Chrysomelid beetles of the Kurile Islands have been studied by Kimoto (1965), Krivolutskaya & Medvedev (1966) and Kuwayama (1966). Having examined chrysomelid specimens of the Kurile Islands in the collection of the Entomological Institute, Hokkaido University, I have found 37 species, of which 3 are new to the Kurile Islands. Based on the collection some notes on the family of the islands will be given in this paper.

On this occasion I wish to express my sincere thanks to Prof. C. Watanabe and Dr. S. Kuwayama for their kind help in the course of the present study.

1. *Cryptocephalus approximatus* Baly, 1873=*Cryptocephalus fortunatus borealis* L. Medvedev, 1966: 39, **syn. nov.** Kuriles-Etorohu; Sikotan
2. *Cryptocephalus bilineatus* (Linnaeus, 1758). Kuriles-Habomai; Kunasiri; Sikotan; Uriri; Etorohu (Rubetu, 3 exs., 2, 10-VIII-35, Y. Sugihara leg.).
3. *Cryptocephalus kiyosatonus* Kimoto, 1964=*Cryptocephalus exiguus amicus*: Medvedev, 1966: 40. Judging from the figure of its aedeagus, the form stated under the name of *C. exiguus*