

CHECK-LIST
OF
COLEOPTERA OF JAPAN

日本産甲虫目録

No. 15

June 30, 1979

The Coleopterists' Association of Japan
c/o Department of Zoology, National Science Museum (Nat. Hist.)
3-23-1 Hyakunin-chō, Shinjuku, Tokyo 160, Japan

Family SCARABAEIDAE コガネムシ科
(MELOLONTHINAE コフキコガネ亜科)

By

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Subfamily MELOLONTHINAE コフキコガネ亜科

Tribe HOPLIINI アシナガコガネ族

Genus *Hoplia* ILLIGER, 1803 アシナガコガネ属

Hoplia ILLIGER, 1803, Mag. Ins., 2, p. 226 (type-species: *Scarabaeus farinosus* LINNÉ,
1761).

Hyperis DEJEAN, 1833, Cat. Col. ed. 3, p. 167.

Subgenus *Euchromoplia* MEDVEDEV, 1952

Euchromoplia MEDVEDEV, 1952, Fauna SSSR, 10 (2), p. 235 (type-species: *Scarabaeus aureolus* PALLAS, 1781).

H. (E.) communis WATERHOUSE, 1875 アシナガコガネ

WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 100 (Nagasaki, Yokohama).
forma *maculata* BATES, 1889, Ent. mon. Mag. 25, p. 298 (Satsuma).
Distr.: Japan (Honshu, Sado, Izu-Ōshima, Shikoku, Kyushu, Yakushima).

H. (E.) reinii HEYDEN, 1879 ラインアシナガコガネ

HEYDEN, 1879, Dtsch. ent. Z. 23, p. 339 (Kiushiu).
Distr.: Japan (Kyushu).

Subgenus *Hoplia* ILLIGER, 1803, s. str.

H. (H.) hakonensis SAWADA, 1938 ハコネアシナガコガネ

SAWADA, 1938, Nippon no Kôchû, 2, p. 39, pl. 6, fig. 10 (pars) (subsp. of *moerens*

WATERHOUSE, 1875) (Hakone).

Distr.: Japan (Honshu: Hakone).

H. (H.) moerens WATERHOUSE, 1875 クロアシナガコガネ

WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 100 (Hiogo, Nagasaki).

Distr.: Japan.

subsp. *moerens* WATERHOUSE, 1875, s. str. (クロアシナガコガネ)

WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 100 (Hiogo, Nagasaki).

forma *typica* NOMURA, 1968, Ent. Rev. Japan, 20, p. 58.

forma *nigrofusca* NOMURA, 1968, ibid., 20, p. 58.

forma *flavicans* NOMURA, 1968, ibid., 20, p. 58.

Distr.: Japan (W. Honshu, Shikoku, Kyushu).

subsp. *ohbayashii* NOMURA, 1968 (オオバヤシアシナガコガネ) (新)

NOMURA, 1968, Ent. Rev. Japan, 20, p. 59 (Idani; Gifu Pref.).

Distr.: Japan (E. & C. Honshu).

H. (H.) shirakii NOMURA, 1959 シラキアシナガコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 39, pl. 2, figs. 1-3 (Okinawa I.).

Distr.: Ryukyu Is. (Okinawa).

Genus *Ectinohoplia* REDTENBACHER, 1868 ヒメアシナガコガネ属

Ectinohoplia REDTENBACHER, 1868, Reise d. Novara, Zool. 2, Col. p. 63 (type-species:

Hoplia obducta MOTSCHULSKY, 1857).

E. gracilipes (LEWIS, 1895) キイロアシナガコガネ

LEWIS, 1895, Ann. Mag. nat. Hist., (6), 16, p. 398 (*Hoplia*) (Oshima).

Distr.: Japan (Kyushu: Kagoshima, Yakushima), Ryukyu Is. (Amami-Ôshima).

E. obducta (MOTSCHULSKY, 1857) ヒメアシナガコガネ

MOTSCHULSKY, 1857, Étud. ent., 6, p. 33 (*Hoplia*) (Japon, Shimoda).

variolosa WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 99, pl. 3, fig. 2 (Nagasaki).

forma *subulicola* (MOTSCHULSKY, 1857), Étud. ent., 6, p. 34 (*Hoplia*) (Japan, Shimoda).

forma *caminaris* REITTER, 1903, Verh. Nat' Ver. Brunn, 41, p. 109 (*obducta* var.).

Distr.: Japan (Hokkaido, Honshu, Sado, Shikoku, Kyushu), Sakhalin, Korea, China, Mongolia.

E. rufipes (MOTSCHULSKY, 1860) カバイロアシナガコガネ

MOTSCHULSKY, 1860, Schrenck's Reisen im Amurl., 2, p. 133, pl. 9, fig. 4 (*Decamera*) (Daourie, bords du fl. Amur).

Distr.: Japan (Hokkaido, Honshu, Shikoku, Kyushu), Korea, Quel-part, Sakhalin, E. Siberia, Manchuria, China.

Tribe SERICINI ビロウドコガネ族

Genus *Maladera* MULSANT, 1871 ビロウドコガネ属

Maladera MULSANT, 1871, Hist. Nat. Col. Fr., Lamellic., p. 599 (type-species: *Scarabaeus holosericeus* SCOPOLI, 1772).

Aserica LEWIS, 1895, Ann. Mag. nat. Hist., (6), 16, p. 394

Autoserica BRENSKE, 1897, Berl. ent. Z., 1897, p. 377.

Subgenus *Maladera* MULSANT, 1871, s. str.

M. (M.) amamiana NOMURA, 1959 アマミビロウドコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 40, figs. 4, 5. (subsp. of *kamiyai* SAWADA, 1937) (Amami-Ôshima).

Distr.: Ryukyu Is. (Amami-Ôshima).

M. (M.) cariniceps (MOSER, 1915) スジビロウドコガネ

MOSER, 1915, Dtsch. ent. Z., 1915, p. 341 (*Autoserica*) (Soul, Korea).

Distr.: Japan (Kyushu, Tsushima), Korea, Quel-part.

M. (M.) castanea (ARROW, 1913) アカビロウドコガネ

ARROW, 1913, Ann. Mag. nat. Hist., (8), 12, p. 398 (*Aserica*) (Kobe, N. China: Tientsin, Shanghai, Foochow).

japonica: REITTER, 1896, Wien. ent. Ztg., 15, p. 187 (nec MOTSCHULSKY, 1860).

japonica: BRENSKE, 1897, Berl. ent. Z., 1897, p. 432 (*Autoserica*) (nec MOTSCHULSKY, 1860).

Distr.: Japan (Hokkaido, Honshu, Sado, Izu Is., Shikoku, Kyushu, Tsushima, Yakushima, Tanegashima).

M. (M.) impressithorax NOMURA, 1973 ムナクボビロウドコガネ

NOMURA, 1973, Tôhô-Gakuhô, (23), p. 130, 131, pl. 1, fig. 9 (Higashinakama, Amami-Ôshima).

Distr.: Ryukyu Is.

subsp. *impressithorax* NOMURA, 1973, s. str. (ムナクボビロウドコガネ)

NOMURA, 1973, Tôhô-Gakuhô, p. 130, 131, pl. 1, fig. 9 (Higashinakama, Amami-Ôshima).

Distr.: Ryukyu Is. (Amami-Ôshima).

subsp. *okinoerabuana* H. KOBAYASHI, 1978 (ニセミゾビロウドコガネ)

H. KOBAYASHI, 1978, New Entomol., 27 (4), p. 15, fig. 2 (Okinoerabu I.).

Distr.: Ryukyu Is. (Okino-erabu-jima).

M. (M.) japonica (MOTSCHULSKY, 1860) ビロウドコガネ

MOTSCHULSKY, 1860, Étud. ent., 9, p. 15 (*Serica*) (Japon).

orientalis: BRENSKE, 1897, Berl. ent. Z., 1897, p. 429 (*Serica*) (nec MOTSCHULSKY, 1857).

Distr.: Japan, Ryukyu Is.

subsp. *japonica* (MOTSCHULSKY, 1860), s. str. (ビロウドコガネ)

MOTSCHULSKY, 1860, Étud. ent., 9, p. 15 (*Serica*) (Japon).

Distr.: Japan (Hokkaido, Honshu, Sado, Izu-Toshima, Shikoku, Kyushu, Tsushima, Yakushima).

subsp. *yaeyamana* NOMURA, 1963 (ヤエヤマビロウドコガネ) (新)

NOMURA, 1963, Ent. Rev. Japan, 15, p. 37, fig. 1 (subsp. of *kamiyai* SAWADA, 1937) (Shirahama, Iriomote-jima).

Distr.: Ryukyu Is. (Ishigaki-jima, Iriomote-jima).

M. (M.) kamiyai (SAWADA, 1937) カミヤビロウドコガネ

SAWADA, 1937, Nippon no Kôchû, 1, p. 27, pl. 4, fig. 3, pl. 6, figs. 3, 10 (*Serica*) (Hohki Daisen).

Distr.: Japan (Honshu, Shikoku, Kyushu, Yakushima).

- M. (M.) okinawaensis* H. KOBAYASHI, 1978 オキナワビロウドコガネ
 H. KOBAYASHI, 1978, New Entomol., 27 (4), p. 14, fig. 1 (Okinawa Is.).
 Distr.: Ryukyu Is. (Okinawa).
- M. (M.) opima* NOMURA, 1967 オオマルビロウドコガネ
 NOMURA, 1967, Ent. Rev. Japan, 19, p. 52, fig. 1, pl. 7, fig. 1 (Mt. Hateruma, Iriomote-jima).
 Distr.: Ryukyu Is. (Iriomote-jima, Miyako-jima).
- M. (M.) orientalis* (MOTSCHULSKY, 1857) ヒメビロウドコガネ
 MOTSCHULSKY, 1857, Étud. ent., 6, p. 33 (*Serica*) (Japan).
salebrosa BRENSKE, 1897, Berl. ent. Z., 1897, p. 428 (*Serica*) (Yokohama, Hakone, Echizen, Kiushiu).
 Distr.: Japan (Hokkaido, Honshu, Sado, Izu Is.: Toshima, Niijima, Shikoku, Kyushu).
- M. (M.) oshimana* NOMURA, 1962 リュウキュウビロウドコガネ
 NOMURA, 1962, Tôhô-Gakuhô, (12), p. 33, fig. 3 (subsp. of *orientalis* MOTSCHULSKY, 1857) (Amami-Ôshima).
 Distr.: Ryukyu Is.
- subsp. *oshimana* NOMURA, 1962 (リュウキュウビロウドコガネ)
 NOMURA, 1962, Tôhô-Gakuhô, (12), p. 33, fig. 3 (subsp. of *orientalis* MOTSCHULSKY, 1857) (Amami-Ôshima).
 Distr.: Ryukyu Is. (Amami-Ôshima).
- subsp. *okinawana* NOMURA, 1964 (ヒメリュウキュウビロウドコガネ) (新)
 NOMURA, 1964, Ent. Rev. Japan, 16, p. 51, fig. 1 (subsp. of *cariniceps* MOSER, 1915) (Shuri, Okinawa-Honto).
 Distr.: Ryukyu Is. (Okino-erabu-jima, Okinawa, Kume-jima).
- subsp. *sakishimana* NOMURA, 1964 (サキンマビロウドコガネ) (新)
 NOMURA, 1964, Ent. Rev. Japan., 16, p. 51, fig. 2 (subsp. of *cariniceps* MOSER, 1915) (Sonai, Iriomote-jima).
 Distr.: Ryukyu Is. (Ishigaki-jima, Iriomote-jima).
- M. (M.) renardi* (BALLION, 1870) オオビロウドコガネ
 BALLION, 1870, Bull. Soc. Nat. Moscou, 62, p. 339 (*Serica*) (E. Siberia, Permskoe).
motschulskyi BRENSKE, 1897, Berl. ent. Z., 1897, p. 370 (*Serica*) (Korea).
sibirica BRENSKE, 1897, ibid., 1897, p. 372 (*Serica*) (Vladivostok, Chabarofka).
spissigrada BRENSKE, 1897, ibid., 1897, p. 372 (*Serica*) (Japan).
nakayamai MURAYAMA, 1938, Annot. zool. Japon., 17, p. 16 (*Serica*) (Suigen).
 Distr.: Japan (Honshu, Sado, Shikoku, Kyushu), Korea, Manchuria, Amur.
- M. (M.) satoi* NOMURA, 1961 トカラビロウドコガネ
 NOMURA, 1961, Tôhô-Gakuhô, (11), p. 73, figs. a-d (Nakano-shima).
 Distr.: Japan (Kuro-shima), Tokara Is. (Nakano-shima).
- M. (M.) secreta* (BRENSKE, 1897) マルガタビロウドコガネ
 BRENSKE, 1897, Berl. ent. Z., 1897, p. 431 (*Autoserica*) (Tsuruga, Nagahama, Fushiki, Shimonoseki, Kiushu, Nagasaki, Hagi, Hiogo, Yokohama).
uyei NIIJIMA et KINOSHITA, 1927, Res. Bull. Coll. Agr. Hokkaido Imp. Univ., Sapporo, 4, p. 12, pl. 1, fig. 8, pl. 3 fig. 3 (*Autoserica*) (Oita).
takaonae NIJJIMA et KINOSHITA, 1927, ibid., 4, p. 11, pl. 3, fig. 2 (*Autoserica*) (Awatako-san).

japonica: LEWIS, 1895, Ann. Mag. nat. Hist., (6), **16**, p. 395 (*Aserica*) (nec MOTSCHULSKY, 1860).

Distr.: Japan (Honshu, Sado, Izu-Oshima, Shikoku, Kyushu, Tsushima).

Subgenus *Eumaladera* NOMURA, 1967 スジアシビロウドコガネ亜属(新)

Eumaladera NOMURA, 1967, Ent. Rev. Japan, **19**, p. 53 (subgenus of *Maladera* MULSANT, 1871) (type-species: *Maladera (Eumaladera) nitididorsis* NOMURA, 1967).

M. (E.) nitidiceps NOMURA, 1967 チビビロウドコガネ

NOMURA, 1967, Ent. Rev. Japan, **19**, p. 55, fig. 3, pl. 7, fig. 3, 4 (Iriomote-jima).

Distr.: Ryukyu Is. (Iriomote-jima).

M. (E.) nitididorsis NOMURA, 1967 シヤビロウドコガネ

NOMURA, 1967, Ent. Rev. Japan, **19**, p. 54, fig. 2, pl. 7, fig. 2 (Amami-Ôshima).

Distr.: Ryukyu Is. (Amami-Ôshima).

Genus *Hoplomaladera* NOMURA, 1974 ミゾビロウドコガネ属

Hoplomaladera NOMURA, 1974, Tôhô-Gakuhô, (24), p. 82, 92 (type-species: *Hoplomaladera shibatai* NOMURA, 1974).

H. saitoi H. KOBAYASHI, 1975 ミゾビロウドコガネ

H. KOBAYASHI, 1975, New Entomol., **24** (2/3), p. 9, figs. 1, 2 (Kanpira, Iriomote-jima).

Distr.: Ryukyu Is. (Iriomote-jima).

Genus *Gastroserica* BRENSKE, 1897 シマビロウドコガネ属

Gastroserica BRENSKE, 1897, Berl. ent. Z., **42**, p. 412 (type-species: *Serica marginalis* BRENSKE, 1894).

G. brevicornis (LEWIS, 1895) コヒゲシマビロウドコガネ

LEWIS, 1895, Ann. Mag. nat. Hist., (6), **16**, p. 393 (*Serica*) (Nikko, Shikano).

nikkoensis BRENSKE, 1897, Berl. ent. Z., **42**, p. 435 (*Microserica*) (Nikko).

Distr.: Japan (Honshu, Shikoku, Kyushu).

G. higonia (LEWIS, 1895) ヒゴシマビロウドコガネ

LEWIS, 1895, Ann. Mag. nat. Hist., (6), **16**, p. 394 (*Serica*) (Hitoyoshi, Konose, Yuyama).

herzi: SAWADA, 1937, Nippon no Kôchû, **1**, p. 98 (nec HEYDEN, 1887).

Distr.: Japan (Kyushu).

Genus *Gastromaladera* NOMURA, 1973 オオシマビロウドコガネ属

Gastromaladera NOMURA, 1973, Tôhô-Gakuhô, (23), p. 122 (type-species: *Gastroserica major* NOMURA, 1959).

G. major (NOMURA, 1959) オオシマビロウドコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 40 (*Gastroserica*) (Amami-Ôshima).

Distr.: Ryukyu Is. (Amami-Ôshima).

Genus *Paraserica* REITTER, 1896 ハイイロビロウドコガネ属

Paraserica REITTER, 1896, Wien. ent. Ztg., **15**, p. 183 (type-species: *Serica gricea* MOTSCHULSKY, 1866).

P. gricea (MOTSCHULSKY, 1866) ハイイロビロウドコガネ

MOTSCHULSKY, 1866, Bull. Soc. Imp. Nat. Moscou, **1866**, p. 171 (*Serica*) (Japon).

Distr.: Japan (Hokkaido, Honshu, Shikoku, Kyushu), Korea.

Genus *Pachyserica* BRENSKE, 1897 ウスグモビロウドコガネ属

Pachyserica BRENSKE, 1897, Berl. ent. Z., 1897, p. 240 (type-species: *Pachyserica rubrobasalis* BRENSKE, 1897).

P. yanoi NOMURA, 1959 ヤノウスグモビロウドコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 41, pl. 2, figs. 6, 7 (Ishigaki-jima).
Distr.: Ryukyu Is. (Ishigaki-jima).

Genus *Serica* MACLEAY, 1819 ヒゲナガビロウドコガネ属

Serica MACLEAY, 1819, Horae ent., 1, p. 146 (type-species: *Scarabaeus brunneus* LINNÉ, 1758).

Trichoserica REITTER, 1896, Wien. ent. Ztg., 15, p. 181, 183.

Ophthalmoserica BRENSKE, 1897, Berl. ent. Z., 62, p. 356 (subg.).

S. boops WATERHOUSE, 1875 ヒゲナガビロウドコガネ

WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 101, pl. 3, fig. 3 (Maiyasan, Hiogo).

nijimai KONTKANEN, 1956, Ann. ent. Fennici., 22 (2), p. 60, figs. 4c, 4d, 5b (*Ophthalmoserica*) (Odaira).

Distr.: Japan (Honshu, Izu Is.: Toshima, Miyake-jima, Mikura-jima, Hachijo-jima, Shikoku, Kyushu).

S. brevitarsis NOMURA, 1972 コヒゲナガビロウドコガネ

NOMURA, 1972, Tôhô-Gakuhô, (22), p. 117, pl. 1, fig. 5a, pl. 3, fig. 5 (Hirakura).
Distr.: Japan.

subsp. *brevitarsis* NOMURA, 1972, s. str. (コヒゲナガビロウドコガネ)

NOMURA, 1972, Tôhô-Gakuhô, (22), p. 117, pl. 1, fig. 5a, pl. 3, fig. 5 (Hirakura).
Distr.: Japan (W. Honshu).

subsp. *rectipes* NOMURA, 1972 (ヒメコヒゲナガビロウドコガネ) (新)

NOMURA, 1972, ibid., (22), p. 118, pl. 1, fig. 5b (Mt. Tsurugi, Tokushima Pref.).
Distr.: Japan (W. Honshu, Shikoku, Kyushu).

S. echigoana (NAKANE et BABA, 1960) エチゴビロウドコガネ

NAKANE & BABA, 1960, Niigata-ken no Konchû, 4, p. 6 (*Ophthalmoserica*) (Kurokawa).

Distr.: Japan (N. Honshu).

S. foobowana SAWADA, 1937 フウボビロウドコガネ

SAWADA, 1937, Nippon no Kôchû, 1, p. 20, fig. 3, pl. 4, fig. 9, pl. 5, fig. 2, pl. 6, fig. 6 (Mt. Ohdaigahara).

Distr.: Japan (Honshu).

S. incurvata (NOMURA, 1971) ケアシマガリビロウドコガネ

NOMURA, 1971, Ent. Rev. Japan, 23, p. 67, text fig. 3, pl. 5, figs. 3, 4 (*Trichoserica*) (Yunotaira Spa, Gunma Pref.).

boops: MEDVEDEV, 1952, Fauna SSSR, 10 (2), p. 111, figs. 140–146 (nec WATERHOUSE, 1875).

Distr.: Japan (Hokkaido, Honshu).

S. inexpectata (KONTKANEN, 1956) (ケアシビロウドコガネ) (新)

KONTKANEN, 1956, Ann. ent. Fennici, 22 (2), p. 60, fig. 5c (*Ophthalmoserica*) (Odaira).
Distr.: Japan (Honshu).

S. karaftoensis NIJIMA et KINOSHITA, 1923 エゾビロウドコガネ

NIJIMA & KINOSHITA, 1923, Bull. Coll. Agr. Hokkaido Imp. Univ., Sapporo, Japan, 2, p. 17, 219 (Sachalin).

Distr.: Japan, Sakhalin, Kurile Is.

subsp. *karaftoensis* NIJIMA et KINOSHITA, 1923, s. str. (エゾビロウドコガネ)

NIJIMA & KINOSHITA, 1923, Bull. Coll. Agr. Hokkaido Imp. Univ., Sapporo, Japan, 2, p. 17, 219 (Sachalin).

Distr.: Japan (Hokkaido), Sakhalin, Kurile Is.

subsp. *honshuensis* NOMURA, 1972 (ホンシュウビロウドコガネ) (新)

NOMURA, 1972, Tôhô-Gakuhô, (22), p. 130, pl. 2, figs. 18c, 18d, pl. 3, fig. 18, pl. 4, fig. 18 (Renge Spa, Niigata Pref.).

Distr.: Japan (E. Honshu).

S. nigrovariata LEWIS, 1895 クロホシビロウドコガネ

LEWIS, 1895, Ann. Mag. nat. Hist., (6), 16, p. 392 (Mayebashi).

nigripennis SAWADA, 1937, Nippon no Kôchû, 1, p. 15, pl. 2, figs. 3a, 3b (*nigrovariata* var.) (Mt. Hakuba, Mt. Myôkô).

Distr.: Japan (Hokkaido, Honshu).

S. niponica (NOMURA, 1959) ヤマトビロウドコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 46, pl. 2, fig. 14 (*Ophthalmoserica*) (Mt. Rozen, Shiga Pref.).

Distr.: Japan (Honshu).

S. nitidiceps (NOMURA, 1971) ツヤズビロウドコガネ

NOMURA, 1971, Ent. Rev. Japan, 23, p. 69, fig. 5, pl. 5, fig. 7 (*Trichoserica*) (Mt. Sobo, Ôita Pref.).

Distr.: Japan (Shikoku, Kyushu).

S. nitididorsis (NOMURA, 1971) ホソヒゲナガビロウドコガネ

NOMURA, 1971, Ent. Rev. Japan, 23, p. 70 (*Trichoserica*) (subsp. of *elongata* NOMURA, 1959) (Mt. Kuju, Ôita Pref.).

Distr.: Japan.

subsp. *nitididorsis* (NOMURA, 1971), s. str. (ホソヒゲナガビロウドコガネ)

NOMURA, 1971, Ent. Rev. Japan, 23, p. 70 (*Trichoserica*) (subsp. of *elongata* NOMURA, 1959) (Mt. Kuju, Ôita Pref.).

Distr.: Japan (Kyushu).

subsp. *opacidorsis* NOMURA, 1972

NOMURA, 1972, Tôhô-Gakuhô, (22), p. 127, 136, pl. 2, figs. 14a, 14b, pl. 3, fig. 14, pl. 4, fig. 14 (Sagashio, Yamanashi Pref.).

elongata NOMURA, 1959, Tôhô-Gakuhô, (9), p. 47, pl. 2, fig. 16 (*Ophthalmoserica*) (nec NONFRIED, 1891).

Distr.: Japan (Honshu, Shikoku).

S. ovata (NOMURA, 1971) マルヒゲナガビロウドコガネ

NOMURA, 1971, Ent. Rev. Japan, 23, p. 70, fig. 6, pl. 5, figs. 8, 9 (*Trichoserica*) (Okutama).

Distr.: Japan (Honshu).

S. pilosa (NOMURA, 1971) ケブカビロウドコガネ

NOMURA, 1971, Ent. Rev. Japan, 23, p. 66, fig. 2, pl. 5, figs. 1, 2 (*Trichoserica*) (Mt.

Ishizuchi, Ehime Pref.).

Distr.: Japan (Shikoku, Kyushu).

S. planifrons NOMURA, 1972 ツヤケシビロウドコガネ

NOMURA, 1972, Tôhô-Gakuhô, (22), p. 123, pl. 1, fig. 10, pl. 3, fig. 10, pl. 4, figs. 10a, 10b (Mt. Kirishima, Kagoshima Pref.).

opacifrons NOMURA, 1971, Ent. Rev. Japan 23, p. 68, fig. 4, pl. 5, figs. 5, 6 (*Trichoserica*) (nec FAIRMAIRE, 1891).

Distr.: Japan (Shikoku, Kyushu).

S. rosinae PIC, 1904 クロサワビロウドコガネ(新)

PIC, 1904, L'Échange, 20 (233), p. 33 (Sibirien).

Distr.: Japan (Yakushima), Amur, Manchuria.

subsp. *kuroswai* (NOMURA, 1959). (クロサワビロウドコガネ) (新)

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 45, pl. 2, fig. 12 (*Ophthalmoserica*) (Yakushima).

Distr.: Japan (Yakushima).

S. takagii SAWADA, 1937 ハラグロビロウドコガネ

SAWADA, 1937, Nippon no Kôchû, 1, p. 18 (*boops* var.) (Oku-Nikko).

unicolor SAWADA, 1937, ibid., 1, p. 18 (*boops* var.) (Nikko).

sawadai NOMURA, 1959, Tôhô-Gakuhô, (9), p. 43, pl. 2, fig. 2 (*Ophthalmoserica*) (Mt. Yatsugatake).

Distr.: Japan (Honshu).

S. tokejii (NOMURA, 1959) トケジビロウドコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 47, pl. 2, fig. 15 (*Ophthalmoserica*) (Mt. Takachiho).

Distr.: Japan (Kyushu).

S. trichofemorata (NOMURA, 1959) モモケビロウドコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 44, pl. 2, figs. 10, 11 (*Ophthalmoserica*) (Mt. Gomanodan, Wakayama Pref.).

inexpectata: NOMURA, 1963, Icon. Ins. Jap. Col. nat. ed. 2, p. 127, pl. 64, fig. 1 (*Ophthalmoserica*) (nec KONTKANEN, 1956).

Distr.: Japan (Honshu, Kyushu)

S. yoshidai (NOMURA, 1959) ヨシダビロウドコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 45, pl. 2, fig. 13 (*Ophthalmoserica*) (Mt. Tsurugi, Tokushima Pref.).

Distr.: Japan (Shikoku).

Genus *Nipponoserica* NOMURA, 1973 カバイロビロウドコガネ属

Nipponoserica NOMURA, 1973, Tôhô-Gakuhô, (23), p. 120, 139, 144 (type-species: *Serica similis* LEWIS, 1895).

Serica: BRENSKE, 1897, Berl. ent. Z., 1897, p. 356, 357 (pars).

N. daisenensis (SAWADA, 1937) ダイセンビロウドコガネ

SAWADA, 1937, Nippon no Kôchû, 1, p. 24, figs. 3a-c (*Serica*) (*similis* var.) (Mt. Daisen).

Distr.: Japan.

subsp. *daisenensis* (SAWADA, 1937), s. str. (ダイセンビロウドコガネ)

SAWADA, 1937, Nippon no Kôchû, 1, p. 24, figs. 3a-c (*Serica*) (*similis* var.) (Mt.

Daisen).

Distr.: Japan (Honshu).

subsp. *lewisii* (CHAPIN, 1938) (レイスカバイロビロウドコガネ) (新)

CHAPIN, 1938, J. Washington Acad. Sci., 28 (2), p. 68, figs. 5, 6 (*Serica*) (Hitoyoshi).

Distr.: Japan (Kyushu).

N. gomadana NOMURA, 1976 ゴマダンビロウドコガネ

NOMURA, 1976, Tôhô-Gakuhô, (26), p. 187, pl. 6, fig. 37 (Mt. Gomanodan, Wakayama Pref.).

Distr.: Japan (Honshu).

N. kunitachiensis NOMURA, 1976 クニタチビロウドコガネ

NOMURA, 1976, Tôhô-Gakuhô, (26), p. 190, pl. 7, fig. 42 (Kunitachi, Tokyo Met.).

Distr.: Japan (Honshu).

N. peregrina (CHAPIN, 1938) ワタリビロウドコガネ

CHAPIN, 1938, J. Washington Acad. Sci., 28 (2), p. 68, figs. 3, 4 (*Serica*) (Long Is., N. America).

Distr.: Japan (Honshu), N. America.

N. pubiventris NOMURA, 1976 ハラゲビロウドコガネ

NOMURA, 1976, Tôhô-Gakuhô, (26), p. 189, pl. 7, figs. 40, 41 (Kiyosato).

Distr.: Japan (Honshu).

N. setiventris NOMURA, 1976 イワワキビロウドコガネ

NOMURA, 1976, Tôhô-Gakuhô, (26), p. 188, p. 7, fig. 39 (Mt. Iwawaki).

Distr.: Japan (Honshu).

N. similis (LEWIS, 1895) カバイロビロウドコガネ

LEWIS, 1895, Ann. Mag. nat. Hist., (6), 16, p. 139 (part) (*Serica*) (Nagasaki, Hitoyoshi).

brunnea: WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 101 (*Serica*) (nec LINNÉ, 1758).

nigrovariata: MEDVEDEV, 1952, Fauna SSSR, 10 (2), p. 110 (*Serica*) (nec LEWIS, 1895).

Distr.: Japan (Shikoku, Kyushu).

Genus *Sericania* MOTSCHULSKY, 1860 チャイロコガネ属

Sericania MOTSCHULSKY, 1860, Schrenck's Reisen im Aumrl., 2, p. 256 (type-species: *Sericania fuscolineata* MOTSCHULSKY, 1860).

Sericaria MOTSCHULSKY, 1860, ibid., p. 136 (nec LATREILLE).

Mesoserica MATSUMURA, 1911, J. Coll. Agr. Tohoku Imp. Univ., Sapporo, 4 (1), p. 118 (subgenus of *Sericania* MOTSCHULSKY, 1860) (type-species: *Sericania sachalinensis* MATSUMURA, 1911).

S. aikyoi SAWADA, 1955 アイキヨウチャイロコガネ

SAWADA, 1955, J. Agr. Sci. Tokyo Nogyo Daigaku, 2, p. 573, pl. 41, figs. 12, 13, 16 (Nidoage).

Distr.: Japan (Honshu).

S. alternata SAWADA, 1938 ヒラタチャイロコガネ

SAWADA, 1938, Nippon no Kôchû, 2, p. 12, 19, fig. 2, pl. 2, fig. 1, pl. 3, fig. 5, pl. 4, fig. 3 (Kawai, Nara Pref.).

Distr.: Japan (Honshu).

- S. angulata* (LEWIS, 1895) クロチャイロコガネ
 LEWIS, 1895, Ann. Mag. nat. Hist., (6), **16**, p. 392 (*Serica*) (Oyayama).
 Distr.: Japan (Shikoku, Kyushu).
- S. awana* NOMURA, 1976 アワチャイロコガネ
 NOMURA, 1976, Tôhô-Gakuhô, (26), p. 175, pl. 1, fig. 9 (Koyadaira).
 Distr.: Japan (Shikoku).
- S. babai* NOMURA, 1976 ババチャイロコガネ
 NOMURA, 1976, Tôhô-Gakuhô, (26), p. 177, pl. 2, fig. 14 (Mt. Shinbotake).
 Distr.: Japan (Honshu).
- S. chikuzenensis* SAWADA, 1938 チクゼンチャイロコガネ
 SAWADA, 1938, Nippon no Kôchû, 2, p. 70, figs. 1a-c, ♀ (Mt. Wakasugi).
tohokuensis hayashii NOMURA, 1959, Tôhô-Gakuhô, (9), p. 42, ♂ (Hoki-Daisen).
 Distr.: Japan (Honshu, Shikoku, Kyushu).
- S. elongata* NOMURA, 1976 ホソチャイロコガネ
 NOMURA, 1976, Tôhô-Gakuhô, (26), p. 182, 183, pl. 4, fig. 30 (Mt. Ishizuchi).
 Distr.: Japan (Honshu, Shikoku).
- S. fulgida* NIJJIMA et KINOSHITA, 1927 ツヤチャイロコガネ
 NIJJIMA & KINOSHITA, 1927, Res. Bull. Coll. Agr. Hokkaido Imp. Univ. Sapporo
 Japan, 4, p. 14, 81, pl. 1, fig. 59, pl. 3, fig. 4 (Chuzenji, Nikko).
testacea SAWADA, 1938, Nippon no Kôchû, 2, p. 12, 21 (Oshimizu, Nikko).
 Distr.: Japan.
- subsp. *fulgida* NIJJIMA et KINOSHITA, 1927, s. str. (ツヤチャイロコガネ)
 NIJJIMA & KINOSHITA, 1927, Res. Bull. Coll. Agr. Hokkaido Imp. Univ. Sapporo
 Japan, 4, p. 14, 81, pl. 1, fig. 59, pl. 3, fig. 4 (Chuzenji, Nikko).
 Distr.: Japan (Honshu).
- subsp. *lineata* SAWADA, 1939 (スジチャイロコガネ) (新)
 SAWADA, 1939, Nippon no Kôchû, 3, p. 48 (*fulgida* var.) (Mt. Odaigahara).
 Distr.: Japan (Honshu.).
- S. fuscolineata* MOTSCHULSKY, 1860 クロスジチャイロコガネ
 MOTSCHULSKY, 1860, Schrenck's Reisen im Amurl., 2, p. 136, pl. 9, fig. 10 (bords du
 fl. Amour).
sachalinensis: MEDVEDEV, 1952, Fauna SSSR, **10** (2), p. 120, fig. 162 (nec MATSUMURA
 1911).
 Distr.: Japan, Sakhalin, E. Siberia, Korea.
- subsp. *fuscolineata* MOTSCHULSKY, 1860, s. str. (クロスジチャイロコガネ)
 MOTSCHULSKY, 1860, Schrenck's Reisen im Amurl., 2, p. 136, pl. 9, fig. 10 (bords du
 fl. Amour).
 Distr.: Japan (Tsushima), E. Siberia, Manchuria, Korea.
- subsp. *ezoensis* NOMURA, 1976 (エゾチャイロコガネ) (新)
 NOMURA, 1976, Tôhô-Gakuhô, (26), p. 184 (Wakkasakinai).
 Distr.: Japan (Hokkaido), Sakhalin.
- subsp. *nipponensis* NOMURA, 1976 (ヤマトチャイロコガネ) (新)
 NOMURA, 1976, Tôhô-Gakuhô, (26), p. 184 (Mt. Daisen).
 Distr.: Japan (W. Honshu, Shikoku).
- S. galloisi* NIJJIMA et KINOSHITA, 1927 ガロアチャイロコガネ

NIIJIMA & KINOSHITA, 1927, Res. Bull. Coll. Agr. Hokkaido Imp. Univ., Sapporo Japan, **4**, p. 15, 82, pl. 1, fig. 58, pl. 3, fig. 5 (Chuzenji, Nikko).

Distr.: Japan (Honshu).

S. hidana NIIJIMA et KINOSHITA, 1923 ヒダチャイロコガネ

NIIJIMA & KINOSHITA, 1923, Res. Bull. Coll. Agr. Hokkaido Imp. Univ., Sapporo Japan, **2**, p. 32, 218, pl. 2, figs. 9a, 9b (Hida).

Distr.: Japan (Honshu).

S. imadatei SAWADA, 1955 イマダテチャイロコガネ

SAWADA, 1955, J. Agr. Sci. Tokyo Nogyo Daigaku, **2**, p. 569, pl. 40, figs. 11, 12, 13, 14, pl. 41, figs. 5, 6 (Kasuga).

Distr.: Japan (Honshu, Shikoku, Kyushu).

S. kamiyai SAWADA, 1938 カミヤチャイロコガネ

SAWADA, 1938, Nippon no Kôchû, **2**, p. 16, 22, pl. 2, fig. 7, pl. 3, figs. 3, 7, pl. 4, fig. 7 (Mt. Hakkodasan).

Distr.: Japan (Hokkaido, Honshu).

S. kiri SAWADA, 1938 キラチャイロコガネ

SAWADA, 1938, Nippon no Kôchû, **2**, p. 69, figs. 2a, 2b (Mt. Hirao, Fukuoka Pref.).

Distr.: Japan (Honshu, Shikoku, Kyushu).

S. kobayashii NOMURA, 1976 コバヤシチャイロコガネ

NOMURA, 1976, Tôhô-Gakuhô, (26), p. 173 (Mt. Gomanodan, Wakayama Pref.).

Distr.: Japan (Honshu).

S. lewisi ARROW, 1913 ルイスチャイロコガネ

ARROW, 1913, Ann. Mag. nat. Hist., (8), **12**, p. 395, 397 (Yokohama, Chuzenji, Nikko).

fuscolineata: LEWIS, 1895, Ann. Mag. nat. Hist., (6), **16**, p. 391 (nec MOTSCHULSKY, 1860).

yamamotoi SAWADA, 1938, Nippon no Kôchû, **2**, p. 13 (*lewisi* var.) (Nebazawa, Nikko).

Distr.: Japan (Honshu).

S. marginata NOMURA, 1973 フチグロチャイロコガネ

NOMURA, 1973, Ent. Rev. Japan, **25**, p. 17, fig. 3, pl. 4, figs. 3, 4 (Azusayama, Nagano Pref.).

Distr.: Japan (Honshu).

S. matsuyamana SAWADA, 1938 マツヤマチャイロコガネ

SAWADA, 1938, Nippon no Kôchû, **2**, p. 70, figs. 3a, 3b (Matsuyama, Nara Pref.).

Distr.: Japan (Honshu).

S. matusitai SAWADA, 1955 マツシタチャイロコガネ

SAWADA, 1955, J. Agr. Sci. Tokyo Nogyo Daigaku, **2**, p. 569, pl. 40, figs. 15, 16, pl. 41, figs. 7, 8, 15 (Gifu-park).

alternata SAWADA, 1938, Nippon no Kôchû, **2**, p. 12, 19, fig. 2, pl. 2, fig. 1, pl. 3, fig. 5, pl. 4, fig. 3 (part).

Distr.: Japan (Honshu).

S. mimica LEWIS, 1895 ナエドコチャイロコガネ

LEWIS, 1895, Ann. Mag. nat. Hist., (6), **16**, p. 390 (Miyanoshita).

quinquefoliata SAWADA, 1938, Nippon no Kôchû, **2**, p. 16, 23, pl. 2, fig. 8, pl. 3,

- fig. 8, pl. 4, fig. 8, text fig. 3 (Okutama).
takaoana SAWADA, 1938, Nippon no Kôchû, 2, p. 17, pl. 2, fig. 9, pl. 3, fig. 9, pl. 4, fig. 9 (Mt. Takao, Tokyo Met.).
Distr.: Japan (Honshu, Shikoku).
- S. minuscula* NOMURA, 1976 ヒメチャイロコガネ
NOMURA, 1976, Tôhô-Gakuhô, (26), p. 183, pl. 5, fig. 31 (Mt. Ichinodake, Fukuoka Pref.).
Distr.: Japan (Kyushu).
- S. miyakei* NOMURA, 1960 ミヤケチャイロコガネ
NOMURA, 1960, Tôhô-Gakuhô, (10), p. 60 (Tashiro, Fukuoka Pref.).
Distr.: Japan (Shikoku, Kyushu).
- S. ohirai* SAWADA, 1960 オオヒラチャイロコガネ
SAWADA, 1960, J. Agr. Sci. Tokyo Nogyo Daigaku, 6, p. 9, figs. 1–3, pl. 1, figs. 1–6 (Mt. Hongu, Aichi Pref.).
Distr.: Japan (Honshu).
- S. ohtakei* SAWADA, 1955 オオタケチャイロコガネ
SAWADA, 1955, J. Agr. Sci. Tokyo Nogyo Daigaku, 2, p. 565, pl. 40, figs. 6–10, pl. 41, figs. 3, 4 (Mt. Takao, Tokyo Met.).
Distr.: Japan (Honshu).
- S. opaca* NOMURA, 1973 イツツバクロチャイロコガネ
NOMURA, 1973, Ent. Rev. Japan, 25, p. 16, fig. 2 (subsp. of *quadrifoliata* LEWIS, 1895) (Mt. Tsurugi).
Distr.: Japan (Shikoku, Kyushu).
- S. quadriforiata* (LEWIS, 1895) ヨツバクロチャイロコガネ
LEWIS, 1895, Ann. Mag. nat. Hist., (6), 16, p. 393 (*Serica*) (Nikko).
angulata: SAWADA, 1938, Nippon no Kôchû, 2, p. 8, pl. 2, fig. 2 (nec LEWIS, 1895).
shinanoensis NIJIMA et KINOSHITA, 1923, Res. Bull. Coll. Agr. Hokkaido Imp. Univ., Sapporo, 2, p. 34, 219 pl. 2, fig. 7 (Mt. Yarigatake, Mt. Ehiko).
Distr.: Japan (Honshu).
- S. sachalinensis* MATSUMURA, 1911 カラフトチャイロコガネ
MATSUMURA, 1911, J. Coll. Agr. Tohoku Imp. Univ., Sapporo Japan, 4, p. 118 (Saghalien).
kurilensis MEDVEDEV, 1952, Fauna SSSR, 10 (2), p. 119, 121, figs. 163, 165 (Sikotan).
Distr.: Japan (Hokkaido, Honshu), Sakhalin, Kurile Is.
- S. serripes* NOMURA, 1973 スジアシクロチャイロコガネ
NOMURA, 1973, Ent. Rev. Japan, 25, p. 14, fig. 1, pl. 4, figs. 1, 2 (Mt. Kuju, Oita Pref.).
Distr.: Japan (Honshu, Kyushu).
- S. shikokuana* NAKANE, 1954 シコクチャイロコガネ
NAKANE, 1954, Trans. Shikoku ent. Soc., 4, p. 12 (subsp. of *quadriforiata* LEWIS, 1895) (Mt. Ishizuchi).
Distr.: Japan (Shikoku).
- S. sinuata* NOMURA, 1959 エゾチャイロコガネ
NOMURA, 1959, Tôhô-Gakuhô, (9), p. 42, pl. 2, fig. 8 (Maruyama).
Distr.: Japan (Hokkaido).

S. suturalis NOMURA, 1976 セスジチャイロコガネ

NOMURA, 1976, Tôhô-Gakuhô, (26), p. 182, pl. 4, fig. 29 (Mt. Misaka, Yamanashi Pref.).

fulgida: SAWADA, 1938, Nippon no Kôchû, 2, p. 13, pl. 2, fig. 6, pl. 4, fig. 6 (nec NIJIMA et KINOSHITA, 1927).

Distr.: Japan (Honshu).

S. tohokuensis SAWADA, 1955 トウホクチャイロコガネ

SAWADA, 1955, J. Agr. Sci. Tokyo Nogyo Daigaku, 2, p. 571, pl. 40, figs. 17, 18, pl. 41, figs. 9–11 (Kakudate, Akita Pref.).

Distr.: Japan (Honshu).

S. yamauchii SAWADA, 1938 ヤマウチチャイロコガネ

SAWADA, 1938, Nippon no Kôchû, 2, p. 12, 18, fig. 1, pl. 3, figs. 1, 4, pl. 4, figs. 1, 2 (Mt. Hiko).

hasegawai MURAYAMA, 1941, Annot. zool. Japon., 20, p. 37 (Koryo, Korea).

Distr.: Japan (Shikoku, Kyushu), Korea, Manchuria.

Tribe MELOLONTINI コフキコガネ族

Subtribe RHYZOTROGINA クロコガネ亜族

Genus *Apogonia* KIRBY, 1818 カンショコガネ属

Apogonia KIRBY, 1818, Trans. Linn. Soc. London, 12, p. 401 (type-species: *Apogonia gemellata* KIRBY, 1818).

A. amida LEWIS, 1896 ヒメカンショコガネ

LEWIS, 1896, Ann. Mag. nat. Hist., (6), 17, p. 332 (Nagasaki).

splendida: WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 102 (Japan, Hong Kong) (nec BOHEMAN, 1858).

Distr.: Japan (Honshu, Shikoku, Kyushu), China, Taiwan.

A. bicarinata LEWIS, 1896 フタスジカンショコガネ

LEWIS, 1896, Ann. Mag. nat. Hist. (6), 17, p. 333 (Oshima and Japan).

moesta: SCHOENFELDT, 1890, Ent. Nachr., 16, p. 170 (Oshima) (nec BURMEISTER, 1855).

destructor: NIJIMA, KUSUMOTO & TOMIMOTO, 1917, Res. Bull. Coll. exp. Forest, Tohoku Imp. Univ., Sapporo, (5), p. 14 (Formosa, Okinawa) (nec RITZEMA 1890).

bicavata: NIJIMA & KINOSHITA, 1923, Res. Bull. Coll. exp. Forest, Hokkaido Imp. Univ., Sapporo, 2 (2), p. 73, pl. 3, fig. 17 (Loochoo) (nec ARROW, 1913).

Distr.: Japan, Ryukyu Is., Taiwan.

subsp. *bicarinata* LEWIS, 1896, s. str. (フタスジカンショコガネ)

LEWIS, 1896, Ann. Mag. nat. Hist. (6), 17, p. 333 (Oshima and Japan).

Distr.: Japan (Kyushu, Kuroshima), Ryukyu Is. (Nakano-shima, Takara-jima, Akuseki-jima, Amami-Ôshima, Tokuno-shima, Okinoerabu-jima).

subsp. *okinawana* NOMURA 1964 (オキナワカンショコガネ) (新)

NOMURA, 1964, Tôhô-Gakuhô, (14), p. 63 (Okinawa Is.).

Distr.: Ryukyu Is. (Okinawa).

subsp. *yaeyamana* NOMURA 1965 (ヤエヤマカンショコガネ) (新)

NOMURA, 1965, Ent. Rev. Japan, 18, p. 3 (Iriomote Is.).

Distr.: Ryukyu Is. (Ishigaki-jima, Iriomote-jima).

A. bicavata ARROW, 1913 リュウキュウカソシヨコガネARROW, 1913, Ann. Mag. nat. Hist., (8), **12**, p. 399 (Loochoo Is.: Okinawa).

Distr.: Ryukyu Is. (Nakano-shima, Okinawa).

A. cupreoviridis KOLBE, 1886 チョウセンカソシヨコガネKOLBE, 1886, Archiv. f. Naturg., **1**, p. 193 (Soul, Fusan).

Distr.: Japan, Ryukyu Is., Korea, Quel-part, Manchuria.

subsp. *cupreoviridis* KOLBE, 1886 s. str. (チョウセンカソシヨコガネ)KOLBE, 1886, Archiv. f. Naturg., **1**, p. 193 (Soul, Fusan).

Distr.: Japan (Goto Is.: ex. LEWIS), Korea, Quel-part, Manchuria.

subsp. *miyakoana* NOMURA 1965 (ミヤコカソシヨコガネ) (新)NOMURA, 1965, Ent. Rev. Japan, **18**, p. 3 (Miyako Is.) (subsp. of *bicarinata* LEWIS, 1896).

Distr.: Ryukyu Is. (Miyako-jima).

A. ishiharai SAWADA, 1940 イシハラカソシヨコガネSAWADA, 1940, J. Agr. Sci. Tokyo Nogyo Daigaku, **1**, p. 272, pl. 10, fig. 4 (Ashizuri-misaki Tosa).

Distr.: Japan, Tokara Is.

subsp. *ishiharai* SAWADA, 1940, s. str. (イシハラカソシヨコガネ)SAWADA, 1940 J. Agr. Sci. Tokyo Nogyo Daigaku, **1**, p. 272, pl. 10, fig. 4 (Ashizuri-misaki, Tosa).

Distr.: Japan (Shikoku).

subsp. *yakushimana* NOMURA, 1959 (ヤクシマカソシヨコガネ) (新)

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 48, pl. 3, fig. 18 (Yakushima Is.).

Distr.: Japan (Yakushima), Tokara Is. (Nakano-shima, Akuseki-jima).

A. kamiyai SAWADA, 1940 カミヤカソシヨコガネSAWADA, 1940, J. Agr. Sci. Tokyo Nogyo Daigaku, **1**, p. 276, pl. 10 (Shijukei, Formosa).

Distr.: Ryukyu Is. (Miyako-jima, Yonaguni-jima), Taiwan.

A. major WATERHOUSE 1875 オオカソシヨコガネWATERHOUSE, 1875, Trans. ent. Soc. London, **1875**, p. 103 (Nagasaki).

Distr.: Japan (Kyushu).

A. niponica LEWIS, 1895 ニッポンカソシヨコガネLEWIS, 1895, Ann. Mag. nat. Hist. (6), **16**, p. 395 (Japan).

Distr.: Japan (ex. LEWIS), Taiwan.

A. shibuyai SAWADA, 1950 シブヤカソシヨコガネSAWADA, 1950, J. Agr. Sci. Tokyo Nogyo Daigaku, **2**, p. 264, 299, pl. 27, fig. 9, pl. 28, fig. 11 (Naze, Amami-Ôshima).

Distr.: Ryukyu Is. (Amami-Ôshima).

Genus *Miridiba* REITTER, 1902 クリイロコガネ属*Miridiba* REITTER, 1902, Verh. Nat. Ver. Brunn, **40** (Best.-Tab. 50), p. 163, 170 (type-species: *Rhyzotrogus trichophorus* FAIRMAIRE, 1891).*Neodontocnema* ARROW, 1948, Proc. R. ent. Soc. London, (B), **17**, p. 50.*Hippotrichia* ARROW, 1948, ibid., p. 51.

Subgenus *Miridiba* REITTER, 1902, s. str.

M. (M.) castanea (WATERHOUSE, 1875) クリイロコガネ

WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 104 (*Holotrichia*) (Kawachi).

Distr.: Japan (Honshu, Shikoku, Kyushu), Korea, Quel-part, Amur, China.

Genus *Holotrichia* HOPE, 1837 クロコガネ属

Holotrichia HOPE, 1837, Col. Man., 1, p. 99, 100 (type-species: *Melolontha serrata* FABRICIUS, 1792).

Lachnosterna: TIEFFENBACH, 1882, Dtsch. ent. Z., 1882, p. 26, pl. 4, fig. 10 (nec HOPE, 1837).

Subgenus *Holotrichia* HOPE, 1837, s. str.

H. (H.) amamiana (NOMURA, 1964) アマミクロコガネ

NOMURA, 1964, Ent. Rev. Japan, 16, p. 52, fig. 3 (*Lachnosterna*) (Amami-Ôshima).

Distr.: Ryukyu Is. (Amami-Ôshima, Tokuno-shima).

H. (H.) aritai (NOMURA, 1964) アリタクリイロコガネ

NOMURA, 1964, Tôhô-Gakuhô, (14), p. 63, pl. 1, fig. 5 (*Lachnosterna*) (Iriomote Is.).

Distr.: Ryukyu Is. (Ishigaki-jima, Iriomote-jima).

H. (H.) convexopyga MOSER, 1912 マルオクロコガネ

MOSER, 1912, Ann. Soc. ent. Belg., 56, p. 435 (China: Kiukiang, Japan: Kobe).

forma *tametomo* NOMURA, 1969, Ent. Rev. Japan, 21, p. 72, 92 (*Lachnosterna*) (subsp. of *convexopyga* MOSER, 1912) (Miyake-jima).

Distr.: Japan (Honshu, Izu Is.: Toshima, Kouzu-jima, Shikine-jima, Miyake-jima; Kyushu), China.

H. (H.) diomphalia (BATES, 1888) チョウセンクロコガネ

BATES, 1888, Proc. zool. Soc. London, 1888, p. 373 (*Lachnosterna*) (Fusan).

Distr.: Japan (Kyushu: ex. ARROW, Tsushima: ex. MURAYAMA), Korea, Quel-part, E. Siberia, Manchuria, N. China.

H. (H.) kiotoensis BRENSKE, 1894 クロコガネ

BRENSKE, 1894, Mem. Soc. ent. Belg., 2, p. 19, 68 (Kioto).

inelegans LEWIS, 1895, Ann. Mag. nat. Hist., (6), 16, p. 397 (*Lachnosterna*) (Japan, Fusan).

parallela: WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 103 (nec MOTSCHULSKY, 1854).

convexopyga: NIIJIMA & KINOSHITA, 1923, Res. Bull. Coll. exp. Forest, Tohoku Imp. Univ., Sapporo, 2, p. 52, pl. 4, fig. 5, p. 43, fig. 7d (nec MOSER, 1912).

var. *waterhousei* BRENSKE, 1894, Mem. Soc. ent. Belg., 2, p. 19, 68 (Japan).

Distr.: Japan (Hokkaido, Honshu, Sado, Awashima, Shikoku, Kyushu, Kuroshima, Tsushima), Korea, Sakhalin, E. Siberia, Manchuria, China.

H. (H.) loochooana (SAWADA, 1950) リュウキュウクロコガネ

SAWADA, 1950, J. Agr. Sci. Tokyo Nogyo Daigaku, 2, p. 265, pl. 26, fig. 14 (*Lachnosterna*) (Ishigaki Is.).

Distr.: Ryukyu Is.

subsp. *loochooana* (SAWADA, 1950), s. str. (リュウキュウクロコガネ)

SAWADA, 1950, J. Agr. Sci. Tokyo Nogyo Daigaku, 2, p. 265, pl. 26, fig. 14 (*Lachno-*

sterna) (Ishigaki Is.).

Distr.: Ryukyu Is. (Miyako-jima, Ishigaki-jima, Iriomote-jima, Irabu-jima).

subsp. *okinawana* (NOMURA, 1964) (オキナワクロコガネ) (新)

NOMURA, 1964, Ent. Rev. Japan, **16**, p. 53, pl. 7, fig. 4 (*Lachnosterna*) (subsp. of *looochooana* SAWADA, 1950) (Okinawa Is.).

Dist.: Ryukyu Is. (Okinawa).

H. (H.) parallela (MOTSCHULSKY, 1854) オオクロコガネ

MOTSCHULSKY, 1854, Étud. ent. **3**, p. 64 (*Ancylonycha*) (Shingai).

morosa WATERHOUSE, 1875, Trans. ent. Soc. London, **1875**, p. 104 (Nagasaki, Chee-foo).

Distr.: Japan (Honshu, Shikoku, Kyushu, Tsushima), Korea, Quel-part, Sakhalin, Manchuria, China, Tibet.

H. (H.) picea WATERHOUSE, 1875 コクロコガネ

WATERHOUSE, 1875, Trans. ent. Soc. London, **1875**, p. 103 (Nagasaki, Hakodadi).

forma izuensis NOMURA, 1969, Ent. Rev. Japan, **21**, p. 73 (subsp. of *picea* WATERHOUSE, 1875).

Distr.: Japan (Hokkaido, Honshu, Awashima, Izu Is.: Ōshima, Toshima, Shikine-jima, Kouzu-jima, Mikura-jima; Shikoku, Kyushu), Korea, Manchuria, Mongolia, China.

H. (H.) tokara (NAKANE, 1956) トカラクロコガネ

NAKANE, 1956, Sci. Rep. Saikyo Univ., (A), **2**, p. 59, pl. 1, fig. 12, pl. 2, fig. 12 (*Lachnosterna*) (Takara-jima).

Distr.: Tokara Is. (Takara-jima, Nakano-shima).

Subgenus *Eotrichia* MEDVEDEV, 1951

Eotrichia MEDVEDEV, 1951, Fauna SSSR, **10** (1), p. 308 (type-species: *Holotrichia titanis* REITTER, 1902).

H. (H.) niponensis (LEWIS, 1895) オオチャイロコガネ

LEWIS, 1895, Ann. Mag. nat. Hist., (6), **16**, p. 398 (*Lachnosterna*) (Nagasaki, Goto).

titanis REITTER, 1902, Verh. Nat. Ver. Brunn, **40** (Best.-Tab. 50), p. 178 (Ussuri).

Distr.: Japan (Kyushu, Goto: ex. LEWIS), Korea, E. Siberia, China.

Genus *Pollaplonyx* WATERHOUSE, 1875 オオキイロコガネ属

Pollaplonyx WATERHOUSE, 1875, Trans. ent. Soc. London, **1875**, p. 105 (type-species: *Pollaplonyx flavidus* WATERHOUSE, 1875).

Anomalochela MOSER, 1913, Dtsch. ent. Z., **1913**, p. 60.

Subgenus *Pollaplonyx* WATERHOUSE, 1875, s. str.

P. (P.) flavidus WATERHOUSE, 1875 オオキイロコガネ

WATERHOUSE, 1875, Trans. ent. Soc. London, **1875**, p. 105, pl. 3, fig. 6 (Kumamoto).

Distr.: Japan (Honshu, Shikoku, Kyushu).

Genus *Sophrops* FAIRMAIRE, 1887 ヒメクロコガネ属

Sophrops FAIRMAIRE, 1887, Ann. Soc. ent. Belg. **31**, Compt. rend., p. 106, (type-species: *Sophrops parviceps* FAIRMAIRE, 1887).

Microtrichia BRENSKE, 1900, Stett. ent. Ztg., **61**, p. 341 (type-species: *Microtrichia puttalana* BRENSKE, 1900).

S. kawadai (NOMURA, 1959) アマミヒメクロコガネ

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 48, pl. 3, figs. 19, 20 (*Microtrichia*) (Amami-Ôshima).

Distr.: Ryukyu Is.

subsp. *kawadai* (NOMURA, 1959), s. str. (アマミヒメクロコガネ)

NOMURA, 1959, Tôhô-Gakuhô, (9), p. 48, pl. 3, figs. 19, 20 (*Microtrichia*) (Amami-Ôshima).

Distr.: Ryukyu Is. (Amami-Ôshima).

subsp. *okinawaensis* NOMURA, 1977 (オキナワヒメクロコガネ) (新)

NOMURA, 1977, Tôhô-Gakuhô, (27), p. 77, fig. 1 (Okinawa Is.).

Distr.: Ryukyu Is. (Okinawa).

S. konishii NOMURA, 1970 ヤエヤマヒメクロコガネ

NOMURA, 1970, Ent. Rev. Japan, 22, p. 67, figs. 6a-b, pl. 6, fig. 5 (Iriomote Is.).

Distr.: Ryukyu Is.

subsp. *konishii* NOMURA, 1970, s. str. (ヤエヤマヒメクロコガネ)

NOMURA, 1970, Ent. Rev. Japan, 22, p. 67, figs. 6a-b, pl. 6, fig. 5 (Iriomote Is.).

Distr.: Ryukyu Is. (Ishigaki-jima, Iriomote-jima).

subsp. *yonaguniensis* NOMURA, 1970 (ヨナグニヒメクロコガネ) (新)

NOMURA, 1970, ibid., p. 68, figs. 6c-d (Yonaguni Is.).

Distr.: Ryukyu Is. (Yonaguni-jima).

Genus *Hexataenius* FAIRMAIRE, 1891 ヒゲナガクロコガネ属

Hexataenius FAIRMAIRE, 1891, Ann. Soc. ent. Belg., 35, Compt. rend., p. 9 (type-species:

Hexataenius protensis FAIRMAIRE, 1891).

H. protensis FAIRMAIRE, 1891 ヒゲナガクロコガネ

FAIRMAIRE, 1891, Ann. Soc. ent. Belg., 35, Compt. rend., p. 9 (Chang Yang).

Distr.: Japan (Kyushu), China.

Genus *Brahmina* BLANCHARD, 1850 アカチャコガネ属

Brahmina BLANCHARD, 1850, Cat. Coll. Ent., 1850, p. 140 (type-species: *Melolontha cylindrica* GYLLENHAL, 1817).

Rhizocolax MOTSCHULSKY, 1861, Schrenck's Reisen im Amurl. 2, p. 130.

B. sakishimana NOMURA, 1965 アカチャコガネ

NOMURA, 1965, Ent. Rev. Japan, 18, p. 3 (Iriomote Is.).

Distr.: Ryukyu Is. (Iriomote-jima).

B. yasuii NOMURA, 1970 ピロウドアカチャコガネ

NOMURA, 1970, Ent. Rev. Japan, 22, p. 68 (Iriomote Is.).

Distr.: Ryukyu Is. (Iriomote-jima).

Genus *Metabolus* FAIRMAIRE, 1887 チョウセンキコガネ属

Metabolus FAIRMAIRE, 1887, Ann. Soc. ent. Belg., 31, p. 107 (type-species: *Metabolus tumidifrons* FAIRMAIRE, 1887).

Symmachia BRENSKE, 1892, Ent. Nachr., 17, p. 151 (nec HUEBN., 1816).

Pseudosymmachia DALLA TORRE, 1912, JUNK's Col. Cat., 49, Melolonthinae, 3, p. 224.

M. impressifrons FAIRMAIRE, 1887 チョウセンキコガネ

FAIRMAIRE, 1887, Revue d'Ent., 6, p. 316 (Pekin).

niponicus LEWIS, 1895, Ann. Mag. nat. Hist., (6), 16, p. 399 (*Rhyzotrogus*) (Nippon,

Gotoshima).

koreana NIJJIMA et KINOSHITA, 1923, Res. Bull. Coll. exp. Forest, Tohoku Imp. Univ.,

Sapporo, 2 (2), p. 40, pl. 2, fig. 16, pl. 4, fig. 15 (*Miridiba*) (Korea: Suigen).

chinensis BRENSKE, 1892, Ent. Nachr., 17, p. 151 (*Symmachia*) (China).

Distr.: Japan (Kyushu: ex. LEWIS), Korea, Quel-part, China.

Genus *Heptophylla* MOTSCHULSKY, 1857 ナガチャコガネ属

Heptophylla MOTSCHULSKY, 1857, Étud. ent., 6, p. 32 (type-species: *Heptophylla picea* MOTSCHULSKY, 1857).

Hypochurus FAIRMAIRE, 1891, Ann. Soc. ent. Belg., 35, Compt. rend., p. 201 (type-species: *Hypochrus brevicollis* FAIRMAIRE, 1891).

H. picea MOTSCHULSKY, 1857 ナガチャコガネ

MOTSCHULSKY, 1857, Étud. ent., 6, p. 33 (Japon: Simoda).

transversa MOTSCHULSKY, 1860, ibid., 9, p. 15 (*Holotrichia*) (Japon).

Distr.: Japan, Korea, Kuril Is.

subsp. *picea* MOTSCHULSKY, 1857, s. str. (ナガチャコガネ)

MOTSCHULSKY, 1857, Étud. ent., 6, p. 33 (Japon, Simoda).

Distr.: Japan (Hokkaido, Honshu, Awashima, Shikoku, Kyushu, Yakushima, Tsushima), Korea, Kuril Is.

subsp. *iriei* KUSUI, 1971 (イリエナガチャコガネ) (新)

KUSUI, 1971, Ent. Rev. Japan, 23, p. 117 (Shimo-koshiki Is.).

Distr.: Japan (Kyushu: Shimo-koshiki Is.).

subsp. *maenamii* NOMURA, 1969 (イズナガチャコガネ) (新)

NOMURA, 1969, Ent. Rev. Japan, 21, p. 73, 92, pl. 8, fig. 9 (Izu Is.).

forma *toshimana* NOMURA, 1969, ibid., 21, p. 73 (Toshima).

Distr.: Japan (Izu Is.: Toshima, Miyake-jima, Mikura-jima).

H. tosana MIYATAKE, 1963 トサナガチャコガネ

MIYATAKE, 1963, Trans. Shikoku ent. Soc., 8, p. 23, fig. 1, figs. 2–5 (Tosa).

Distr.: Japan (Shikoku).

Subtribe MELOLONTINA ヲフキコガネ亜族

Genus *Dasylepida* MOSER, 1913 ケブカアカチャコガネ属

Dasylepida MOSER, 1913, Dtsch. ent. Z., 1913, p. 287 (type-species: *Lepidiota nana* SHARP, 1876).

D. ishigakiensis (NIJJIMA et KINOSHITA, 1927) ケブカアカチャコガネ

NIJJIMA & KINOSHITA, 1927, Res. Bull. Coll. exp. Forest, Coll. Agr. Hokkaido Imp.

Univ., Sapporo, 4, p. 23, 83, pl. 1, fig. 18, pl. 3, fig. 7 (*Brahmina*) (Ishigaki-jima).

nana ishigakiensis: NOMURA, 1970, Ent. Rev. Japan, 22, p. 62.

Distr.: Ryukyu Is. (Ishigaki-jima, Iriomote-jima).

Genus *Melolontha* FABRICIUS, 1775 ヲフキコガネ属

Melolontha FABRICIUS, 1775, Syst. Ent., 1775, p. 31 (type-species: *Scarabaeus melolontha* LINNÉ, 1758).

Hoplosternus GUERIN (emend), 1838, Voy. Favorite (Mag. Zool., 8), p. 63 (*Oplosternus*) (type-species: *Melolontha nepalensis* HOPE, 1831).

Ludibrius DES GOZIS, 1886, Recherch. esp. typ., 1886, p. 33.

M. frater ARROW, 1913 オオコフキコガネ

ARROW, 1913, Ann. Mag. nat. Hist., (8), 12, p. 400 (S. Japan: Nara, Kioto, Kii Wada, Kobe).

japonicus: WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 106 (*Hoplosternus*) (nec HAROLD 1875).

haroldi: TESAR, 1938, Ent. Nachr., 12, p. 165 (*Hoplosternus*) (nec MOSER 1913).
Distr.: Japan, Korea, Mongolia, Taiwan.

subsp. *frater* ARROW, 1913, s. str. (オオコフキコガネ)

ARROW, 1913, Ann. Mag. nat. Hist., (8), 12, p. 400 (S. Japan: Nara, Kioto, Kii Wada, Kobe).

Distr.: Japan (Honshu, Sado, Izu Is.: Ôshima, Niijima, Kouzu-jima, Shikine-jima; Shikoku, Kyushu, Yakushima).

M. japonica BURMEISTER, 1855 コフキコガネ

BURMEISTER, 1855, Handb. d. Ent., 4, p. 420 (Japan).

japonicus HAROLD, 1875, Abh. Nat. Ver. Bremen, 4, p. 291 (*Hoplosternus*).

haroldi MOSER, 1913, Dtsch. ent. Z., 1913, p. 290 (*Hoplosternus*).

var. *gotenbaensis* NIJJIMA et KINOSHITA, 1923, Res. Bull. Coll. exp. Forest, Coll. Agr. Hokkaido Imp. Univ., Sapporo, 2, p. 62 (Gotenba).

Distr.: Japan (Honshu, Sado, Izu Is.: Niijima, Kouzu-jima, Miyake-jima).

M. masafumii NOMURA, 1952 オキナワコフキコガネ

NOMURA, 1952, Tôhô-Gakuhô, (2), p. 29, pl. 1, fig. 4, pl. 2, fig. 10, pl. 3, fig. L (Ishigaki Is.).

Distr.: Ryukyu Is. (Miyako-jima, Ishigaki-jima, Iriomote-jima).

M. satsumaensis NIJJIMA et KINOSHITA, 1923 サツマコフキコガネ

NIJJIMA & KINOSHITA, 1923, Res. Bull. Coll. exp. Forest, Coll. Agr. Hokkaido Imp. Univ., Sapporo, 2, p. 62, pl. 2, fig. 5, pl. 4, fig. 19, pl. 7, fig. 13 (Kagoshima, Miyazaki, Kochi).

Distr.: Japan.

subsp. *satsumaensis* NIJJIMA et KINOSHITA, 1923, s.str. (サツマコフキコガネ)

NIJJIMA & KINOSHITA, 1923, Res. Bull. Coll. exp. Forest, Coll. Agr. Hokkaido Imp. Univ., Sapporo, 2, p. 62, pl. 2, fig. 5, pl. 4, fig. 19, pl. 7, fig. 13 (Kagoshima, Miyazaki).

Distr.: Japan (Kyushu, Yakushima, Tanegashima).

subsp. *shikokuana* NOMURA, 1977 (シコクコフキコガネ) (新)

NOMURA, 1977 Tôhô-Gakuhô, (27), p. 78, figs. 3, 8, 9 (Imabari).

Distr.: Japan (Shikoku).

M. tamina NOMURA, 1964 アマミコフキコガネ

NOMURA, 1964, Ent. Rev. Japan, 16, p. 54, fig. 4, pl. 7, figs. 6–9 (Amami-Ôshima).

Distr.: Ryukyu Is. (Amami-Ôshima, Tokunoshima, Kikaigashima).

Genus *Tricholontha* NOMURA, 1952 ケブカコフキコガネ属

Tricholontha NOMURA, 1952, Tôhô-Gakuhô, (2), p. 26 (type-species: *Tricholontha papagena* NOMURA, 1952).

T. papagena NOMURA, 1952 ケブカコフキコガネ

NOMURA, 1952, Tôhô-Gakuhô, (2), p. 24, pl. 1, figs. Q, R, pl. 2, fig. W, pl. 3, fig. K

(Okinawa).

Distr.: Ryukyu Is. (Okinawa).

Genus *Polyphylla* HARRIS, 1842 ヒゲコガネ属

Polyphylla HARRIS, 1842, Rep. Ins. Massachusetts, 1842, p. 30 (type-species: *Scarabaeus fullo* LINNÉ, 1758).

Macronoxia CROTCH, 1873, Check List North Amer. Col., 1873, p. 61.

Subgenus *Gynexophylla* MEDVEDEV, 1951

Gynexophylla MEDVEDEV, 1951, Fauna SSSR, 10 (1), p. 86 (subgenus of *Polyphylla* HARRIS, 1842) (type-species: *Polyphylla laticollis* LEWIS, 1887).

P. (G.) laticollis LEWIS, 1887 ヒゲコガネ

LEWIS, 1887, Ent. mon. Mag., 23, p. 231 (Sakami: between Fujisan and Yokohama).

Distr.: Japan (Honshu, Shikoku, Kyushu), Korea, Manchuria, Mongolia, China.

subsp. *laticollis* LEWIS, 1887, s. str. (ヒゲコガネ)

LEWIS, 1887, Ent. mon. Mag., 23, p. 231 (Sakami).

Distr.: Japan (Honshu, Shikoku, Kyushu).

Subgenus *Granida* MOTSCHULSKY, 1861

Granida MOTSCHULSKY, 1861, Étud. ent., 10, p. 8 (type-species: *Granida albolineata* MOTSCHULSKY, 1861).

P. (G.) albolineata (MOTSCHULSKY, 1861) シロスジコガネ

MOTSCHULSKY, 1861, Étud. ent., 10, p. 8 (*Granida*) (Japan).

Distr.: Japan (Hokkaido, Honshu, Sado, Izu-Ōshima; Niijima, Kouzu-jima, Miyake-jima; Shikoku, Kyushu).

P. (G.) schoenfeldti BRENSKE, 1890 オキナワシロスジコガネ

BRENSKE, 1890, Ent. Nachr., 16, p. 198 (Liukiu Inseln: Ōshima).

Distr.: Tokara Is. (Takara-jima), Ryukyu Is. (Amami-Ōshima, Tokuno-shima, Okinoerabu-jima, Yoron, Okinawa, Kume-jima, Tonakishima).

