

Family SCARABAEIDAE コガネムシ科
Subfamily SCARABAEINAE タマオシコガネ亜科
Tribe CANTHONINI マメダルマコガネ族

Genus *Panelus* LEWIS, 1895 マメダルマコガネ属
Panelus LEWIS, 1895, Ann. Mag. nat. Hist. (6), 16, p. 375.
(type-species: *Temnoplectron parvulum* WATERHOUSE=*Panelus parvulus* (WATERHOUSE, 1874)).

Panelus ovatus NOMURA, 1973 マルダルマコガネ

Panelus ovatus NOMURA, 1973, Ent. Rev. Japan 25(1/2):13, pl. 4, f. 9 (Akuseki-jima, Tokara Is.).
Distr. Japan (Tokara Is.-Akuseki-jima, Nakanoshima).

Panelus parvulus (WATERHOUSE, 1874) マメダルマコガネ

Temnoplectron parvulus WATERHOUSE, 1874, Ent. mon. Mag., 10, p. 175 (S. Japan).

Distr. Japan (Honshu, Awashima, Sado, Izu-Miyake-jima, Mikura-jima, Shikoku, Kyushu, Go-to Is., Tsushima, Yakushima, Ishigaki-jima?), Taiwan.

Panelus rufulus NOMURA, 1973 アカダルマコガネ

Panelus rufulus NOMURA, Ent. Rev. Japan 25(1/2):13-14, pl. 4, f. 10 (Ishigaki Is.).
Distr. Japan (Ishigaki-jima, Iriomote-jima).

Panelus tonkinensis PAULIAN, 1939 トンキンダルマコガネ

Panelus tonkinensis PAULIAN, 1939, Bull. Soc. Ent. France XLIV, p. 70, f.
Distr. Japan (Ryukyu Is.-Ishigaki-jima), Tonkin.

Tribe DICHOTOMINI ダルマコガネ族

Genus *Paraphytus* HAROLD, 1877 ダルマコガネ属
Paraphytus HAROLD, 1877, Ann. Mus. Civ. Genova, 10, p. 42.
Maraxes LEWIS, 1895, Ann. Mag. nat. Hist., (6) 16, p. 376.
(type-species: *Paraphytus doriae* HAROLD, 1877).

Paraphytus dentifrons (LEWIS, 1895) ダルマコガネ

Maraxes dentifrons LEWIS, 1895, Ann. Mag. nat. Hist. (6), p. 376 (Japan-Oshima).
Distr. (Tokara-Nakanoshima, Amami-Oshima, Tokunoshima, Okinawa).

Tribe COPRINI ダイコクコガネ族

Genus *Copris* GEOFFROY, 1762 ダイコクコガネ属
Copris GEOFFROY, 1762, Ins. Des. Ent. de Paris, I, p. 87.
 (type-species: *Scarabaeus lunaris* LINNÉ, 1758).

Subgenus *Copris* GEOFFROY, 1762 ダイコクコガネ亜属*Copris* (s. str.) *acutidens* MOTSCHULSKY, 1860 ゴホンダイコクコガネ

Copris acutidens MOTSCHULSKY, Études. ent., 9, p. 13, 1860.

Copris frankenbergeri BALTHASAR, 1934, Ent. Blaetter, 30, p. 149.

Copris muelleri BALTHASAR, 1939, Folia Ent., 2, p. 42.

Distr. Japan (Hokkaido, Okushiri-to, Honshu, Sado, Shikoku, Kyushu, Goto Is.), Korea, China.

Copris (s. str.) *ochus* (MOTSCHULSKY, 1860) ダイコクコガネ

Catharsius ochus MOTSCHULSKY, Études. ent., 9, p. 13, 1860.

Distr. Japan (Hokkaido, Honshu, Sado, Izu-Oshima, Shikine-jima, Miyake-jima, Shikoku, Kyushu, Iki, Tsushima, Kuchinoerabu, Amami-Oshima?), Korea, China, Mongolia.

Copris (s. str.) *pecuarius* LEWIS, 1884 ミヤマダイコクコガネ

Copris pecuarius LEWIS, Wien. ent. Ztg., 3, p. 17.

Copris yamamotoi TESAKI, 1937, Acta. Soc. ent. Čechoslov, 34(4), p. 101.

Distr. Japan (Honshu, Shikoku).

Copris (s. str.) *tripartitus* WATERHOUSE, 1875 ヒメダイコクコガネ

Copris tripartita WATERHOUSE, 1875, Trans. ent. Soc. London, 1875, p. 74 (Japan, Tsushima).

Distr. Japan (Tsushima), Saisyuto, Korea, China, Taiwan.

Subgenus *Insulicopris* TSUKAMOTO, 1972 マルダイコクコガネ亜属

Insulicopris TSUKAMOTO, Bull. Heian High-School Kyoto (18):1, 1972.

(type-species: *Copris brachypterus* NOMURA, 1964).

Copris (*Insulicopris*) *brachypterus* NOMURA, 1964 マルダイコクコガネ

Copris brachypterus NOMURA, 1964, Ent. Rev. Japan 16(2):50 (Amami-Oshima).

Distr. Japan (Amami-Oshima).

Tribe ONTHOPAGINI エンマコガネ族

Genus *Caccobius* THOMSON, 1863 コエンマコガネ属

Caccobius THOMSON, 1863, Skand. Col. 5, p. 34.

Histeridium MOTSCHULSKY, 1859, Études ent. 8, p. 100.
(type-species: *Scarabaeus schreberi* LINNÉ, 1767).

Caccobius brevis WATERHOUSE, 1875 ヒメコエンマコガネ

Caccobius brevis WATERHOUSE, Trans. ent. Soc. London, 1875, p. 73 (Hiogo, Osaka).
Onthophagus vacerosus LEWIS, 1895, Ann. Mag. nat. Hist. (6) 16, p. 378.
Caccobius matsuii MATSUMURA et YOHENA, 1937, Ins. Mats., Sapporo 11(3):120 (Sugadaira).
Distr. Japan (Honshu, Sado, Kochi-Okinoshima, Kyushu, Iki, Tsushima, Yakushima), Korea, China (NE.).

Caccobius jessoensis HAROLD, 1867 マエカドコエンマコガネ

Caccobius jessoensis HAROLD, 1867. Col. Hefte. 1, p. 100.
Caccobius microcephalus HAROLD, 1877, Deutsche ent. Zeitschr. 21, p. 349.
Caccobius koichii MATSUMURA, 1934, Ins. Mats., Sapporo, 9(1/2):67.
Caccobius sapporoensis MATSUMURA, 1936, Ins. Mats., Sapporo, 11(1/2):64.
Caccobius hirayamai MATSUMURA, 1936, Ins. Mats., Sapporo, 11(1/2):62.
Caccobius jonois MATSUMURA, 1936, Ins. Mats., Sapporo, 11(1/2):63.
Caccobius yubariensis MATSUMURA, 1936, Ins. Mats., Sapporo, 11(1/2):65.
Caccobius amagisanus MATSUMURA, 1937, Ins. Mats., Sapporo, 11(3):121.
Distr. Japan (Hokkaido, Rishiri-to, Honshu, Sado, Shikoku, Kyushu).

Caccobius nikkoensis (LEWIS, 1895) ニツコウコエンマコガネ

Onthophagus nikkoensis LEWIS, 1895, Ann. Mag. Nat. Hist. (6), 16, p. 378 (Nikko, Nara).
Caccobius kasuganus MATSUMURA et YOHENA, 1936, Ins. Mats., 11(1/2):63.
Distr. Japan (Honshu, Shikoku, Tsushima).

Caccobius suzukii MATSUMURA, 1936 スズキコエンマコガネ

Caccobius suzukii MATSUMURA, Ins. Mats., Sapporo, 11(1/2):65, 1936 (Fukushima, Mt. Akagi).
Distr. Japan (Honshu), Korea.

Caccobius unicornis (FABRICIUS, 1798) チビコエンマコガネ

Copris unicornis FABRICIUS, 1798, Ent. Syst. Suppl., 1798, p. 33.
Caccobius yamauchi MATSUMURA, 1936, Insecta Matsum. Sapporo, 11(1/2):66.
Distr. Japan (Honshu, Kyushu, Iki), Taiwan, Korea, China, Indochina, Malay Pen. India, Sulilanka, Philippin, Indonesia.

Genus *Onthophagus* LATREILLE, 1802 エンマコガネ属

Onthophagus LATREILLE, 1802, Hist. Nat. Crust. et Ins. 3, p. 141.
(type-species: *Scarabaeus nuchicornis* LINNÉ., 1758).

Subgenus *Onthophagus* LATREILLE, 1802

Onthophagus (s. str.) *bivertex* HEYDEN, 1887 シナノエンマコガネ

Onthophagus bivertex HEYDEN, Deutsch. ent. Zeitschr. 31, p. 302.
Onthophagus minokuchianus MATSUMURA, 1934, Insecta Matsum. Sapporo, 9(1/2):67.

- Onthophagus shinanensis* MATSUMURA, 1934, Insecta Matsum. Sapporo, 9(1/2):68.
Onthophagus bivertex f. *brevicornis* YOHENA, 1936, Insect World, Gifu (472):434.
Onthophagus kozunonis MATSUMURA, 1937, Insecta Matsum. Sapporo 11(4):159.
Onthophagus oniellus MATSUMURA, 1937, Insecta Mats., Sapporo 11(4):163.
Onthophagus yohenai MATSUMURA, 1937, Insecta Mats., Sapporo 11(4):167.
 Distr. Japan (Hokkaido, Honshu, Kyushu, Tsushima), Saisyuto, Korea, China, E. Siberia.

Onthophagus (s. str.) *gibbulus* (PALLAS, 1781) チャバネエンマコガネ

- Scarabaeus gibbulus* PALLAS, 1781, Icon. 7, pl. A, f. 6.
Onthophagus austriacus PANIER, 1793, Fauna Germ. 12, p. 6.
Onthophagus laticornis GEBLER, 1823, Mem. Moscou 6, p. 128.
Onthophagus gibbulus rostrifer REITTER, 1893, Restimmugstab. Col. Lamell., 1893, p. 71.
Onthophagus nakatomi MATSUMURA, 1937, Insecta Mats., Sapporo 12(1):4.
Onthophagus shoyozanus MATSUMURA, 1937, Insecta Mats., Sapporo 12(1):5.
Onthophagus gibbulus f. *flavobasalis* ENDRODI, 1995, Fol. ent. Hung. 8, p. 51.
Onthophagus austriacus KIM, 1977, Distrib. Atlas Insects Korea 2, p. 230?
 Distr. Japan (Hokkaido), Saghalin, Korea, N. Asia, Toruko, Silia.

Onthophagus (s. str.) *ocellatopunctatus* WATERHOUSE, 1875 アラメエンマコガネ

- Onthophagus ocellatopunctatus* WATERHOUSE, Trans. ent. Soc. London, 1875, p. 79 (Hiogo).
 Distr. Japan (Hokkaido, Honshu)

Onthophagus (s. str.) *olsoufieffi* BOUCOMONT, 1924 ウエダエンマコガネ

- Onthophagus olsoufieffi* BOUCOMONT, Bull. Soc. ent. France, 1924, p. 114.
Onthophagus kandai MATSUMURA, 1937, Insecta Mats., Sapporo 11(4):156.
Onthophagus uedanai MATSUMURA, 1937, Insecta Mats., Sapporo 11(4):166.
 Distr. Japan (Honshu), Korea, N. China, E. Siberia.

Onthophagus (s. str.) *shirakii* NAKANE, 1960 ネアカエンマコガネ

- Onthophagus shirakii* NAKANE, Ent. Rev. Japan 12(1):1 (Amami-Oshima).
 Distr. Japan (Amami-Oshima, Tokuno-shima).

Onthophagus (s. str.) *trituber* (WIEDEMANN, 1823) ミツコブエンマコガネ

- Copris trituber* WIEDEMANN, 1823, Zool. Mag. II:47.
Onthophagus (s. str.) *trituber*, BALTHASAR, Monog. Scarab. u. Aphod. palaer. u. orient. 2:564-565, 1963.
Onthophagus suturalis WHITE, 1844, Ann. Mag. Nat. Hist. XIV:17.
 Distr. Japan (Honshu-Hiogo, Tottori), Taiwan, S. Vietnam, S. China, Java, Sumatra, Borneo.

Subgenus *Indachorius* BALTHASAR, 1941

- Indachorius* BALTHASAR, 1941, Zool. Anz. 133, p. 161.
 (type-species: *Onthophagus nefarius* BALTHASAR, 1941).

Onthophagus (*Indachorius*) *suginoi* OCHI, 1984 ヤンバルエンマコガネ

- Onthophagus suginoi* OCHI, Ent. Rev. Japan 39(1):65 (Okinawa Is.).

Distr. Japan (Okinawa-Is.).

Subgenus *Strandius* BALTHASAR, 1935

Strandius BALTHASAR, *Fol. Zool. Hydrob.* 8, p. 307, 320.

(type-species: *Onthophagus lenzii* HAROLD, 1874).

Onthophagus (Strandius) japonica HAROLD, 1874 ヤマトエンマコガネ

Onthophagus japonica HAROLD, 1874, *Abh. naturw. Ver. Bremen*, 4, p. 290.

Distr. Japan (Honshu, Sado), Taiwan, Korea.

Onthophagus (Strandius) lenzii HAROLD, 1874 カドマルエンマコガネ

Onthophagus lenzii HAROLD, *Abh. naturw. Ver. Bremen* 4, p. 290, 1874.

Distr. Japan (Hokkaido, Honshu, Sado, Oki, Izu-Oshima, Toshima, Nii-jima, Miyake-jima, Mikura-jima, Awogashima, Hachijyo-jima, Hachijyo-kojima, Shikoku, Kyushu, Goto Is., Iki, Tsushima, Yakushima, Kuchinoerabu-jima, Tokara Is.-Nakanoshima, Akusekijima, Suwanose-jima, Kikaigashima), Taiwan, Saisyu-to, Korea, China.

Onthophagus (Strandius) yakuinsulanus NAKANE, 1984 ヤクシマエンマコガネ

Onthophagus yakuinsulanus NAKANE, 1984, *Yakushima Gensei Shizen Kankyo hozen-tiiki Chosasyo*, Japan, p. 596.

Onthophagus yakushmanus NAKANE, 1983, *Fragmenta Coleopterologica Japan*, (35/37):139.
Distr. Japan (Yakushima).

Subgenus *Parascatonomus* PAULIAN, 1932.

Parascatonomus PAULIAN, *Bull. Soc. ent. France*, 1932, p. 212.

(type-species: *Coomanius politus* PAULIAN, 1932 = *Onthophagus discedens* SHARP, 1875).

Onthophagus (Parascatonomus) acuticollis GILLET, 1927 トガリエンマコガネ

Onthophagus acuticollis GILLET, *Bull. Ann. ent. Belg.*, 1927, p. 255.

Distr. Japan, Taiwan.

ssp. *sakishimanus* NOMURA, 1976 トガリエンマコガネ

Onthophagus sakishimanus NOMURA, 1976, *Ent. Rev. Japan*, 29(1/2):32.

Distr. Japan (Ishigaki-jima, Iriomote-jima).

Onthophagus (Parascatonomus) aokii NOMURA, 1976 ヨナクニエンマコガネ

Onthophagus aokii NOMURA, 1976, *Ent. Rev. Japan*, 29(1/2):31 (Yonaguni Is.).

Distr. Japan (Yonaguni-jima).

Onthophagus (Parascatonomus) carnarius NOMURA, 1976 ヒメツヤエンマコガネ

Onthophagus carnarius NOMURA, 1976, *Ent. Rev. Japan* 29(1/2):32 (Amami-Oshima, Tokara Nakano-shima).

Onthophagus carnarius okinawanus NOMURA, 1976, *Ent. Rev. Japan* 29(1/2):33.

Distr. Japan (Amami-Oshima, Tokara Is.-Nakanoshima Akusekushima, Okinawa, Kume-jima).

- Onthophagus (Parascatonomus) discedens* SHARP, 1875 オオツヤエンマコガネ
Onthophagus discedens SHARP, Col. Hefte, 14, p. 49, 1875.
Coomarius politus PAULIAN, Bull. Soc. ent. France, 1932, p. 205.
 Distr. Japan (Ishigaki-jima, Iriomote-jima), Taiwan, China, Indochina, Malay Pen. India, Indonesia.
- Onthophagus (Parascatonomus) murasakianus* NOMURA, 1976 ムラサキエンマコガネ
Onthophagus murasakianus NOMURA, Ent. Rev. Japan 29(1/2):30, 1976 (Ishigaki Is. & Iriomote Is.).
 Distr. Japan (Ishigaki-jima, Iriomote-jima).
- Onthophagus (Parascatonomus) nitidus* WATERHOUSE, 1875 ツヤエンマコガネ
Onthophagus nitidus WATERHOUSE, Trans. ent. Soc. London, 1875, p. 78 (Hiogo & Nagasaki).
Onthophagus nitidus yakushimanus NOMURA, 1976, Ent. Rev. Japan 29(1/2):25.
 Distr. Japan (Hokkaido, Honshu, Tobishima, Sado, Izu Is.-Toshima, Nii-jima, Shikine-jima, Miyake-jima, Kozu-jima, Mikura-jima, Shikoku, Kyushu, Hirato-jima, Iki, Yakushima).
- Onthophagus (Parascatonomus) shibatai* NAKANE, 1960 アマミエンマコガネ
Onthophagus shibatai NAKANE, Ent. Rev. Japan 12(1):2, 1960 (Amami-Oshima).
Onthophagus itoi NOMURA, 1976, Ent. Rev. Japan 29(1/2):28.
 Distr. Japan (Amami-Oshima, Okinawa, Kume-jima).
- Onthophagus (Parascatonomus) tricornis* (WIEDEMANN, 1823) ミツノエンマコガネ
Copris tricornis WIEDEMANN, 1823, Zool. Mag., 2(1):10.
Onthophagus crassus SHARP, 1875, Col. Heft. 14, p. 51.
Onthophagus rectinicornis FAIRMAIRE, 1878, Ann. Soc. ent. France (5)8, p. 96.
 Distr. Japan (Honshu, Kyushu, Iki), Taiwan, Korea, China, Indochina Pen., Malaya Pen., India, Java.
- Subgenus *Matashia* MATSUMURA, 1938
Matashia MATSUMURA, Ins. Mats., Sapporo 12(2/3):63, 1938.
Digitonthophagus BALTHASAR, 1959, Acta ent. Mus. Nat. Prague 33, p. 464.
 (type-species: *Onthophagus yubarinus* MATSUMURA, 1937)
- Onthophagus (Matashia) lutosopictus* FAIRMAIRE, 1857 アカマダラエンマコガネ
Onthophagus lutosopictus FAIRMAIRE, 1897, Bull. Soc. Ent. France, 1897, p. 69.
 Distr. Japan (Ishigaki-jima, Taketomi-jima), Taiwan.
- Onthophagus (Matashia) ohbayashii* NOMURA, 1939 ナガスネエンマコガネ
Onthophagus ohbayashii NOMURA, Nippon no Kochu, 3, p. 35, 1939 (Hiroshima).
 Distr. Japan (Honshu, Kyushu), China.
- Onthophagus (Matashia) solivagus* HAROLD, 1886 キモンエンマコガネ
Onthophagus solivagus HAROLD, Deut. Ent. Zeit. XXX, p. 290, 1886.
Onthophagus yubarinus MATSUMURA, Ins. Mats., Sapporo XI, p. 168, 1937.

Distr. Japan (Honshu), Korea, Amur, China.

Subgenus *Paraphanaeomorphus* BALTHASAR, 1959

Paraphanaeomorphus BALTHASAR, Acta ent. Mus. Nat. Prage, 33, p. 465, 1959.

(type-species: *Onthophagus phanaeicollis* LANSBERGE, 1883)

Onthophagus (Paraphanaeomorphus) argyropygus GILLET, 1927 トビイロエンマコガネ

Onthophagus argyropygus GILLET, 1927, Ann. Soc. ent. Belgique, 67, p. 256.

Onthophagus egenus BOUCOMONT, 1929, Lingnan Science Journal, 7, p. 769.

Distr. Japan (Yonakuni-jima), Taiwan, China.

Subgenus *Gibbonthophagus* BALTHASAR, 1935

Gibbonthophagus BALTHASAR, Fol. Zool. Hydrob. 8(2), p. 308, 327.

(type-species: *Onthophagus atripennis* WATERHOUSE, 1875)

Onthophagus (Gibbonthophagus) amamiensis NOMURA, 1965 ウシヅノエンマコガネ

Onthophagus amamiensis NOMURA, 1965, Ent. Rev. Japan 18(1):1 (Amami-Oshima).

Distr. Japan (Amami-Oshima, Okinawa).

Onthophagus (Gibbonthophagus) atripennis WATERHOUSE, 1875 コブマルエンマコガネ

Onthophagus atripennis WATERHOUSE, Trans. ent. Soc. London, 1875, p. 77 (Kiushiu & Nippon).

Distr. Japan (Amami-Oshima, Okinawa).

subsp. *apicetinctus* D'ORBIGNY, 1898 ヤエヤマコブマルエンマコガネ

Onthophagus atripennis ab. *apicetinctus* d'ORBIGNY, 1898 l'Abeille, XXIX:148.

Onthophagus atripennis yaeyamanus NOMURA, 1964, Ent. Rev. Japan 17(2):48 (Ishigaki Is.).

Distr. Japan (Ishigaki-jima, Iriomote-jima).

subsp. *atripennis* WATERHOUSE, 1875 コブマルエンマコガネ

Onthophagus atripennis WATERHOUSE, Trans. ent. Soc. London, 1875, p. 77 (Kiushiu & Nippon).

Onthophagus akirai MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):153.

Onthophagus ibonus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):155.

Onthophagus kogatanus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):158.

Onthophagus shigeoi MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):163.

Distr. Japan (Hokkaido, Honshu, Tobishima, Sado, Oki, Izu Is.-Miyake-jima, Mikura-jima, Hachijyo-jima, Awajishima, Shikoku, Kyushu, Hirado-jima, Goto Is., Tsushima, Tanegashima, Tokara Is.-Nakanoshima, Takara-jima), Korea, China.

Onthophagus (Gibbonthophagus) viduus HAROLD, 1874 マルエンマコガネ

Onthophagus viduus HAROLD, Abh. naturw. Ver. Bremen, 4, p. 291.

Caccobius jomonis MATSUMURA, Ins. Mats., Sapporo 11(1/2):63.

Caccobius narashinensis MATSUMURA et YOHENA, 1936, Ins. Mats., Sapporo 11(1/2):64.

Onthophagus aequiperus MATSUMURA et YOHENA, 1937, Ins. Mats., Sapporo 11(4):152.

Onthophagus futsukaichianus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):152.

Onthophagus chibanus MATSUMURA et YOHENA, 1937, Ins. Mats., Sapporo 11(4):153.

Onthophagus hyuganus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):155.

- Onthophagus jedensis* MATSUMURA et YOHENA, 1937, Ins. Mats., Sapporo 11(4):156.
Onthophagus komabellus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):159.
Onthophagus minoi MATSUMURA et YOHENA, 1937, Ins. Mats., Sapporo 11(4):160.
Onthophagus misujianus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):161.
Onthophagus miyazakianus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):161.
Onthophagus okushirianus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):162.
Onthophagus oishii MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):162.
Onthophagus spurius MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):165.
Onthophagus takabayashi MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):165.
Onthophagus yumigatanus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):169.
Onthophagus chosensis MATSUMURA, 1937, Ins. Mats., Sapporo 12(1):2.
Onthophagus amenthus MATSUMURA, 1937, Ins. Mats., Sapporo 12(1):2.
Onthophagus micellus MATSUMURA, 1937, Ins. Mats., Sapporo 12(1):3.

Distr. Japan (Hokkaido, Honshu, Tobishima, Sado, Izu Is.-Oshima, Nii-jima, Miyake-jima, Hachijyo-jima), Shikoku, Kyushu, Goto Is., Tsushima, Yakushima, Tanegashima, Tokara-Takara-jima, Nakanoshima, Amami-Oshima, Tokunoshima, Izena-jima, Tarama-jima, Okiinawa-jima, Miyakojima, Ishigaki-jima, Iriomote-jima, Yonakuni-jima), Korea, China.

Subgenus *Phanaeomorphus* BALTHASAR, 1935

Phanaeomorphus BALTHASAR, 1935, Fol. Zool. Hydrob. 8(2), p. 307, 323.

(type-species: *Onthophagus sycaphanta* FAIRMAIRE, 1887).

- Onthophagus (Phanaeomorphus) ater* WATERHOUSE, 1875 クロマルエンマコガネ
Onthophagus ater WATERHOUSE, Trans. ent. Soc. London, 1875, p. 76 (Nipon & Kyushu).
Onthophagus ater var. *granulipennis* FRIVALDSZKY, 1892, Term. Fuzet. 15, p. 123.
Onthophagus chuzenjianus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):154.
Onthophagus kawarinus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):157.

Distr. Japan (Hokkaido, Okushiri-to, Honshu, Awashima, Sado, Oki, Izu Is.-Miyake-jima, Mikura-jima, Hachijyo-jima, Awajishima, Shikoku, Kyushu, Goto Is., Iki, Tsushima, Yakushima), Taiwan, Korea, China, E. Siberia.

- Onthophagus (Phanaeomorphus) fodiens* WATERHOUSE, 1875 フトカドエンマコガネ
Onthophagus fodiens WATERHOUSE, Trans. ent. Soc. London, 1875, p. 75 (Onaura).
Onthophagus hikosanus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):154.
Onthophagus sobosanus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):164.
Onthophagus ushiiodai MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):166.
Onthophagus yugianus MATSUMURA, 1937, Ins. Mats., Sapporo 11(4):168.

Distr. Japan (Honshu, Sado, Shikoku, Kyushu, Yakushima), Saisyu-to, Korea, China.

- Onthophagus (Phanaeomorphus) oshimanus* NAKANE, 1960 オオシマエンマコガネ
Onthophagus oshimanus NAKANE, Ent. Rev. Japan 12(1):2-3, 1960 (Amami-oshima).
Distr. Japan (Amami-Oshima, Tokuno-shima).

Tribe ONITICELLINI ツノコガネ族

Genus *Liatongus* REITTER, 1893

Liatongus REITTER, Verh. naturw. Ver. Brunn, XXXI, 1893, p. 166.

(type-species: *Onthophagus phanaeoides* WESTWOOD, 1840).

Liatongus phanaeoides (WESTWOOD, 1840) ツノコガネ

Onthophagus phanaeoides WESTWOOD, Royle's Himalaya 1840, Entomology, p. 55, pl. 9, f. 3.

Phanaeus minutus MOTSCHULSKY, 1860, Études Entom., IX, p. 13.

Oniticeilus yohenai MATSUMURA, 1934, Insecta Mats., Sapporo 9(1/2):66.

Liatongus phanaeoides f. *fumiroi* YOHENA, 1937, Insect World Gifu (473), p. 7.

Distr. Japan (Hokkaido, Honshu, Sado, Shikoku, Kyushu, Tsushima), Taiwan, Korea, China, Indochina, India, Himalaya.

Subfamily APHODIINAE マグソコガネ亜科

Tribe APHODIINI マグソコガネ族

Genus *Aphodius* ILLIGER マグソコガネ属

Aphodius ILLIGER, Käf. Preuss., 1798, p. 5.

(type-species: *Scarabaeus fimetarius* LINNÉ, 1758).

Subgenus *Acanthobodilus* DELLACASA, 1983.

Acanthobodilus DELLACASA, 1983, Mon. Mus. reg. Sci. nat. Torio 1:105.

(type-species: *Aphodius immundus* CREUTER, 1799).

Aphodius (Acanthobodilus) languidulus SCHMIDT, 1916 キバネマグソコガネ

Aphodius (Bodilus) languidulus SCHMIDT, Arch. Naturg., A 82(1):98, 1916.

Aphodius obsoletus WATERHOUSE, Trans. ent. Soc. London, p. 88, 1875.

Distr. Japan (Hokkaido, Honshu, Okino-shima, Kyushu), Korea, N. China, Taiwan.

Subgenus *Acrossus* MULSANT, 1842

Acrossus MULSANT, Hist. Nat. Col. Fr., Lamell., p. 236, 1842.

(type-species: *Scarabaeus luridus* FABRICIUS, 1775)

Aphodius (Acrossus) atratus WATERHOUSE, 1875 クロツヤママグソコガネ

Aphodius atratus WATERHOUSE, Trans. ent. Soc. London, p. 91, 1875 (Nagasaki, Hiogo).

Distr. Japan (Honshu, Shikoku, Kyushu).

Aphodius (Acrossus) igai NAKANE, 1956 イガククロツヤママグソコガネ

Aphodius (Acrossus) japonicus igai NAKANE, Ins. Mats., Sapporo 20(3/4):120, 1956 (Ohdaigahara, Mt. Tsurugi).

Aphodius (Acrossus) japonicus miyakei NAKANE, Entom. Rev. Japan, XI, p. 3, 1960.

Aphodius (Acrossus) japonicus pseudoigai NAKANE et MASUMOTO, Entom. Rev. Japan, XIX(1):38-39, pl. 2, f. 2, 1967.

Aphodius (Acrossus) japonicus sakuraii NAKANE et MASUMOTO, Entom. Rev. Japan, XIX(1):39, pl. 2, f. 3, 1967.

Aphodius (Acrossus) japonicus tsurugianus NAKANE et MASUMOTO, Entom. Rev. Japan, XIX(1):39, pl. 2, f. 4, 1967.

Distr. Japan (Honshu, Shikoku, Kyushu).

Aphodius (Acrossus) japonicus NOMURA et NAKANE, 1952 オオクロツヤマグソコガネ

Aphodius japonicus NOMURA et NAKANE, Kontyu 19(2):37, 1952 (Kamikochi).

Distr. Japan (Honshu).

Aphodius (Acrossus) rufipes (LINNÉ, 1758) オオツヤマグソコガネ

Scarabaeus rufipes LINNÉ, Syst. Nat. I, p. 353, 1758.

Aphodius matsuzawai YAWATA, Trans. Kansai Ent. Soc. 13(2):7, 1942.

Distr. Japan (Honshu), Europe, Asia, S. & N. America.

Aphodius (Acrossus) superatratus NOMURA et NAKANE, 1952 トゲクロツヤマグソコガネ

Aphodius (Acrossus) superatratus NOMURA et NAKANE, Kontyu 19(2):36, 1952 (Buhei-toge, Ise).

Distr. Japan (Honshu).

Aphodius (Acrossus) unifasciatus NOMURA et NAKANE, 1952 クロオビマグソコガネ

Aphodius (Acrossus) unifasciatus NOMURA et NAKANE, Kontyu 19(2):35-36, f. 1, 1952 (Buhei-toge, Ise, Kibune).

Aphodius unifasciatus hayashi NAKANE, 1955, Sci. Rep. Saikyo Univ. 2(1):33, 1955 (Sagami-Oyama).

Aphodius unifasciatus kiiensis NAKANE, Entom. Rev. Japan 12(1):3, 1960.

Distr. Japan (Honshu, Shikoku, Kyushu).

Subgenus *Aganocrossus* REITTER, 1895

Aganocrossus REITTER, Wien. Ent. Zeit. XIV, p. 208, 1895.

(type-species: *Aphodius urostigma* HAROLD, 1862).

Aphodius (Aganocrossus) urostigma HAROLD, 1862 フチケマグソコガネ

Aphodius urostigma HAROLD, Berliner ent. Zeitschr. VI(2):170, 1862 (Java).

Distr. Japan (Honshu, Oshima, Toshima, Miyake, Hachijo, Hachijyokojima-Izu Is., Aogashima, Okino-shima, Kyushu, Tsushima, Iki-Is., Tokara, Yakushima, Miyakojima), Taiwan, N. China, Hainan, Malabar, Java, Ceylon, Yunnan, Sumatora, Penang, Assam, Sylhet, Borneo.

Subgenus *Agoliinus* SCHMIDT, 1913

Agoliinus SCHMIDT, 1913, Arch. Naturg., A, 79(11):162.

(type-species: *Aphodius congregatus* MANNERHEIM, 1853)

Aphodius (Agoliinus) kiuchii MASUMOTO, 1984 ダイセツマグソコガネ

Aphodius (Agoliinus) kiuchii MASUMOTO, Ent. Rev. Japan 39(2):170-171, Fig. 2, 3, 1984.
Distr. Japan (Hokkaido).

Aphodius (Agoliinus) morii NAKANE, 1983 ニセマキバマグソコガネ

Aphodius (Agrilinus) morii NAKANE, Frag. Coleop. (35/37):140, fig. 5, 1983 (Nagano, Mie Pref.).
Aphodius (Agrilinus) ursinus NAKANE, Bull. Nat. Sci. Mus. 15(3):425, 1972.
Aphodius (Agoliinus) aleutus ursinus NAKANE, Entom. Rev. Japan 12(1):51, 1961.
Distr. Japan (Honshu).

Aphodius (Agoliinus) setchan MASUMOTO, 1984 キタミヤママグソコガネ

Aphodius (Agrilinus) setchan MASUMOTO, 1984, Ent. Rev. Japan 39(2):171-173, Fig. 4, 5 (Taisetsuzan).
Distr. Japan (Hokkaido).

Aphodius (Agoliinus) shibatai NAKANE, 1983 タカネニセマキバマグソコガネ

Aphodius (Agrilinus) shibatai NAKANE, 1983, Fragmenta Coleop. (35/37):141, Fig. 6, 1983 (Nagano Pref.).
Distr. Japan (Honshu).

Aphodius (Agoliinus) tanakai MASUMOTO, 1981 ニッコウマグソコガネ

Aphodius (Agrilinus) tanakai MASUMOTO, 1981, Elytra 9(2):73-74 (Nikko).
Distr. Japan (Honshu).

Subgenus *Agrilinus* MULSBANT & REY, 1869

Agrilinus MULSBANT & REY, 1869, Ann. Soc. Agric., Lyon (4)2:419.
(type-species: *Scarabaeus ater* DE GEER, 1774).

Aphodius (Agrilinus) brevisculus (MOTSCHULSKY, 1866) ヌバタマグソコガネ

Calamosternus brevisculus MOTSCHULSKY, Bull. Soc. Nat. Moscou 39:170, 1866.
Aphodius nigerrimus WATERHOUSE, Trans. ent. Soc. London, p. 83, 1875.
Aphodius ovalis WATERHOUSE, Trans. ent. Soc. London, p. 89, 1875.
Ammoecius nitidulus WATERHOUSE, Trans. ent. Soc. London, p. 93, 1875.
Aphodius trituberculatus SCHMIDT, Deut. Ent. Zeit. p. 201, 1907.
Distr. Japan (Honshu, Oshima-Izu Is., Shikoku, Kyushu), Korea.

Aphodius (Agrilinus) hasegawai NOMURA et NAKANE, 1951 ヒメスジマグソコガネ

Aphodius (Agrilinus) hasegawai NOMURA et NAKANE, Kontyu 19(2):41-42. f. 2, 1951 (Noziri, Kamikochi, Odayama-Aizu).
Aphodius (Agrilinus) hasegawai aka NAKANE, Ent. Rev. Japan 12(1):4-5, 1960.
Aphodius (Agrilinus) hasegawai akahane NAKANE, Ent. Rev. Japan 12(1):5, 1960.
Distr. Japan (Honshu, Kyushu).

Aphodius (Agrilinus) ishidai MASUMOTO et KIUCHI, 1987 ニセヌバタマグソコガネ

Aphodius (Agrilinus) ishidai MASUMOTO et KIUCHI, Elytra, Tokyo 15(1/2):45-48, Fig. 1-8, 1987.

Distr. Japan (Honshu).

Aphodius (Agrilinus) madara NAKANE, 1960 マダラヒメスジマグソガネ

Aphodius (Agrilinus) hasegawai madara NAKANE, Entom. Rev. Japan 12(1):4, pl. 1, f. 4, 1960.

Distr. Japan (Honshu).

Aphodius (Agrilinus) sordidus (FABRICIUS, 1775) ヨツボシマグソガネ

Scarabaeus sordidus FABRICIUS, Syst. Ent. p. 16, 1775.

Distr. Japan (Hokkaido, Honshu, Hachijo, Izu Is., Shikoku, Kyushu, Tsushima, Yakushima),
N. China, Siberia, Yunnan, Caucasus, Europe.

Aphodius (Agrilinus) uniformis WATERHOUSE, 1875 エゾマグソガネ

Aphodius uniformis WATERHOUSE, Trans. ent. Soc. London, p. 84, 1875 (Hakodate).

Aphodius (Agrilinus) etorofuensis KONO, Ins. Mats., Sapporo 12(1):7, 1937.

Aphodius (Agrilinus) maritimus NOMURA et NAKANE, Kontyu 19(2):42, 1951.

Aphodius (Agrilinus) hayachinensis NOMURA et NAKANE, Kontyu 19(2):42-43, 1951.

Distr. Japan (Hokkaido, Honshu, Miyake, Hachijo, Aogashima-Izu Is., Okino-shima, Shikoku,
Kyushu, Tsushima, Amami-Oshima, Nakano-shima, Takarajima, Iriomote-jima), S. Kuri-
le Is., Korea.

Subgenus *Ammoecius* MULSANT, 1842

Ammoecius MULSANT, 1842, Hist. nat. Col. France Lamell.:302.

(type-species: *Scarabaeus elevatus* OLIVIER, 1789)

Aphodius (Ammoecius) yamato NAKANE, 1960 クロツブマグソガネ

Aphodius (Parammoecius) yamato NAKANE, Entom. Rev. Japan, 12(1):3-4, pl. 1, f. 3, 1960 (Nara).

Distr. Japan (Honshu).

Subgenus *Aphodaulacus* KOSHANTSCHIKOV, 1911

Aphodaulacus KOSHANTSCHIKOV, Rev. Ent. Russ. XI, p. 209, 1911.

(type-species: *Aphodius turkestanicus* HEYDEN, 1981)

Aphodius (Aphodaulacus) variabilis WATERHOUSE, 1875 クロモンマグソガネ

Aphodius variabilis WATERHOUSE, Trans. ent. Soc. London, 1875, p. 90 (Japan, Nipon and Kiushiu).

Aphodius fundator REITTER, 1892 (1893), Verh. naturw. Ver. Brunn, 30, p. 230.

Distr. Japan (Honshu, Kyushu, Tsushima), Korea, Manchuria, N. China, Turkestan, Siberia.

Subgenus *Aphodiellus* SCHMIDT, 1913

Aphodiellus SCHMIDT, Arch. Naturg LXXIX, A, 11, p. 140, 1913.

(type-species: *Aphodius impunctatus* WATERHOUSE, 1875)

Aphosius (Aphodiellus) impunctatus WATERHOUSE, 1875 ツヤマグソガネ

Aphodius impunctatus WATERHOUSE, Trans. ent. Soc. London, p. 85, 1875 (Japan).

Aphodius laevigatus HAROLD, Deutsch. Ent. Zeit., XXX, p. 290, 1886.

Distr. Saghalien, Japan (Honshu, Kyushu), Siberia.

Subgenus *Aphodius* ILLIGER, 1798

Aphodius ILLIGER, 1798, Verzeichnis Käfer Preuss:15.

(type-species: *Scarabaeus fimetaris* LINNÉ, 1758)

Aphodius (s. str.) *elegans* ALLIBERI, 1847 オオフタホシマグソコガネ

Aphodius elegans ALLIBERI, Rev. Zool. 10:18, 1847.

Aphodius plasonii KÄUFEL, 1914, Col. Rundsch.:142.

Distr. Japan (Hokkaido, Honshu, Miyake-jima-Izu Is., Sado, Shikoku, Kyushu, Amami-Oshima, Tokara, Tsushima), Korea, Taiwan, China.

Subgenus *Balthasarianus* PAULIAN, 1934

Balthasarianus PAULIAN, 1934, Bull. Soc. ent. France:111.

(type-species: *Aphodius* (*Balthasarianus*) *pilifer* PAULIAN, 1934)

Aphodius (*Balthasarianus*) *eccoptus* BATES, 1889 ケブカマグソコガネ

Aphodius eccoptus BATES, Ent. Monthly Mag., XXV, p.297, 1889.

Aphodius koichianus MATSUMURA, Ins. Mats., Sapporo 9(1/2):65, 1934.

Distr. Japan (Honshu).

Subgenus *Calamosternus* MOTSCHULSKY, 1859

Calamosternus MOTSCHULSKY, 1859, Etud. ent., 8:156.

(type-species: *Scarabaeus granarius* LINNÉ, 1767)

Aphodius (*Calamosternus*) *uniplagiatus* WATERHOUSE, 1875 オビマグソコガネ

Aphodius uniplagiatus WATERHOUSE, Trans. ent. Soc. London, p.84, 1875 (Shimabara).

Distr. Japan (Toshima, Hachijo, Aogashima-Izu Is., Shikoku, Kyushu, Tsushima, Iki Is., Okino-shima, Tokara Is.).

Subgenus *Calaphodius* REITTER, 1892

Calaphodius REITTER, Verh. Nat. Ver. Brünn. XXX, p.238, 1892.

(type-species: *Aphodius* (*Calaphodius*) *bonvouloiri* HAR.)

Aphodius (*Calaphodius*) *moestus* FABRICIUS, 1801 キベリマグソコガネ

Aphodius moestus FABRICIUS, Syst. Eleuth. I, p.78, 1801.

Distr. Japan (Yonaguni Is.), Taiwan, China, India, Ceylon, E. Africa, Madagascar.

Subgenus *Chilo thorax* MOTSCHULSKY, 1859

Chilo thorax MOTSCHULSKY, Et. Ent. p.156, 1859.

(type-species: *Scarabaeus conspurcatus* LINNÉ, 1758)

Aphodius (Chilothorax) nigrotessellatus Motschulsky, 1866 セマダラマグソコガネ*Aphodius nigrotessellatus* Motschulsky, Bull. Soc. Moscou, 39, i, p. 170, 1866.*Aphodius obsoletoguttatus* Waterhouse, Trans. ent. Soc. London, p. 86, 1875 (Nagasaki).*Aphodius punctatus* Waterhouse, Trans. ent. Soc. London, p. 87, 1875 (Nagasaki).

Distr. Japan (Honshu, Shikoku, Kyushu), Korea, China.

Aphodius (Chilothorax) ohishii Masumoto, 1975 アマミセマダラマグソコガネ*Aphodius (Volinus) ohishi* Masumoto, Ent. Rev. Japan 28(1/2):85-87, 1975 (Amami-Oshima).

Distr. Japan (Amami-Oshima).

Aphodius (Chilothorax) okadai Nakane, 1951 オビモンマグソコガネ*Aphodius (Volinus) okadai* Nakane, Ent. Rev. Japan 5(2):71-72, 1951 (Nara).

Distr. Japan (Honshu).

Subgenus *Colobopteris* Mulsant, 1842*Colobopteris* Mulsant, Hist. Nat. Col. Fr. Lamell. p. 165, 1842.(type-species: *Scarabaeus erraticus* Linne, 1758)*Aphodius (Colobopteris) quadratus* Reiche, 1847 オオマグソコガネ*Aphodius quadratus* Reiche, in Ferret and Galinier Entomologie, 3:343, 1847.*Aphodius (Colobopteris) haroldianus* Balthasar, Ent. Nachr. Bl. 6, p. 1, 1932.*Aphodius apicalis* Harold, Berl. Ent. Zeit. p. 96, 1861.

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

Subgenus *Esymus* Mulsant & Rey, 1969*Esymus* Mulsant & Rey, 1969, Ann. Soc. Agric. Lyon (4)2:519.(type-species: *Scarabaeus merdarius* Fabricius, 1775)*Aphodius (Esymus) pusillus* (Herbst, 1789) コマグソコガネ*Scarabaeus pusillus* Herbst, Naturf. Ins. Kafer. II, p. 155, pl. 12, f. 12, pl. 18, f. 6, 1789.*Aphodius rufangulus* Waterhouse, Trans. ent. Soc. London, p. 89, 1875.

Distr. Japan (Honshu, Shikoku, Kyushu), E. Siberia.

Subgenus *Labarrus* Mulsant & Rey, 1869*Labarrus* Mulsant & Rey, 1869, Ann. Soc. Agric. Lyon. (4)2:516.(type-species: *Scarabaeus lividus* Olivier, 1769)*Aphodius (Labarrus) sublimbatus* (Motschulsky, 1860) ウスイロマグソコガネ*Calamosternus sublimbatus* Motschulsky, Schrenk's Reisen Col. II, p. 132, t. 9, f. 2, 1860.*Aphodius lividus* Lewis, Ann. Mag. Nat. Hist. XVI, p. 380, 1895.*Aphodius pallidicinctus* Waterhouse, Trans. ent. Soc. London, p. 85, 1875.

Distr. Japan (Hokkaido, Honshu, Toshima, Miyake, Hachijyo-Kojima, Aogashima-Izu Is. Shikoku, Kyushu, Tsushima, Amami-Oshima, Tokara, Ishigaki-jima, Okinawa Is. Minami-

Daito-jima), Korea, Taiwan, China, E. Siberia.

Subgenus *Nipponaphodius* NAKANE, 1959

Nipponaphodius NAKANE, Entom. Rev. Japan 10(1):32, 1959.

(type-species: *Aphodius* (*Tristaphodius*) *gotoi* NOMURA et NAKANE, 1951)

Aphodius (*Nipponaphodius*) *gotoi* NOMURA et NAKANE, 1951 ツヤケシマグソコガネ

Aphodius (*Tristaphodius*?) *gotoi* NOMURA et NAKANE, 1951, Kontyu 19(2):44-45. (Mt. Nekodake-Shinano).

Distr. Japan (Honshu, Sado Is.).

Subgenus *Otophorus* MULSANT, 1842

Otophorus MULSANT, Hist. Nat. Col. Fr. Lamell. p. 140, 1842.

(type-species: *Scarabaeus haemorrhoidalis* LINNÉ, 1758)

Aphodius (*Otophorus*) *haemorrhoidalis* (LINNÉ, 1758) ツマベニマグソコガネ

Scarabaeus haemorrhoidalis LINNÉ, Syst. Nat. ed. X(1):348, 1758.

Distr. Japan (Hokkaido), Kuriles, Korea, Europe, Himalaya, Siberien.

Subgenus *Paremadus* NAKANE, 1967

Paremadus NAKANE, Entom. Rev. Japan 19(1):1-2, 1967.

(type-species: *Aphodius* (*Emadus*?) *isaburoi* NAKANE, 1956)

Aphodius (*Paremadus*) *isaburoi* NAKANE, 1956 チャグロマグソコガネ

Aphodius (*Emadus*?) *isaburoi* NAKANE, Ins. Mats., Sapporo, 20(3/4):119-120, f. 1, 1956(Nara).

Aphodius (*Paremadus*) *masumotoi* NAKANE, Entom. Rev. Japan 19(1):3, pl. 1, f. 2, 1967(Sagami-Oyama, Kanagawa).

Distr. Japan (Honshu).

Aphodius (*Paremadus*) *mizo* NAKANE, 1967 ミソマグソコガネ

Aphodius (*Paremadus*) *mizo* NAKANE, Entom. Rev. Japan 19(1):2-3, pl. 1, f. 1, 1967 (Mino, Nara).

Distr. Japan (Honshu, Sydo-shima, Kyushu).

Aphodius (*Paremadus*) *pallidiligonis* WATERHOUSE, 1875 ネグロマグソコガネ

Aphodius pallidiligonis WATERHOUSE, Trans. ent. Soc. London, p. 87, 1875 (Shimabara).

Caelius nipponensis BALTHASAR, Ent. Blatter. LII, p. 70, 1956.

Distr. Japan (Honshu, Kyushu).

Subgenus *Paulianellus* BALTHASAR, 1938

Paulianellus BALTHASAR, 1938, Acta Soc. Ent. Čechoslov. 35:6.

(type-species: *Aphodius* (*Paulianellus*) *maderi* BALTHASAR, 1938)

Aphodius (Paulianellus) maderi BALTHASAR, 1938 コツヤマグソコガネ*Aphodius (Paulianellus) maderi* BALTHASAR, 1938, Acta Soc. Ent. Čechoslov 35:7.*Aphodius (Acrossus) asahinai* NAKANE, Entom. Rev. Japan 5(2):70-71, 1951 (Nara).

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

Subgenus *Phaeaphodius* REITTER, 1892*Phaeaphodius* REITTER, Verh. Nat. Ver. Brünn. XXX, p. 205, 1892.(type-species: *Calamosternus rectus* MOTSCHULSKY, 1866)*Aphodius (Phaeaphodius) rectus* (MOTSCHULSKY, 1866) マグソコガネ*Calamosternus rectus* MOTSCHULSKY, Bull. Soc. Moscou, XXXIX, 169, 1866.*Aphodius vitta* MOTSCHULSKY, Bull. Soc. Moscou, XXXIX, 170, 1866.*Aphodius solskyi* HAROLD, Berl. Ent. Zeit., p. 251, 1871.*Aphodius diversus* WATERHOUSE, Trans. ent. Soc. London, p. 82, 1875 (Japan & China).*Aphodius castaneipennis* WATERHOUSE, Trans. ent. Soc. London, p. 83, 1875 (Nagasaki).*Aphodius edai* BALTHASAR, 1956, Ent. Blätter, 52:68.*Aphodius lividipennis* WATERHOUSE, Trans. ent. Soc. London, p. 81, 1875 (Kagoshima).

Distr. Saghalin, S-Kurile Is., Japan (Hokkaido, Honshu, Osima, Miyake, Hachijo-Kojima-Izu Is., Shikoku, Kyushu, Thushima), Korea, Manchuria, China, E. Siberia, Mongolia.

Subgenus *Phalacronothus* MOTSCHULSKY, 1859*Phalacronothus* MOTSCHULSKY, 1859, Etud. ent., 8:156.(type-species: *Scarabaeus quadrimaculatus* LINNÉ, 1761)*Aphodius (Phalacronothus) botulus* BALTHASAR, 1945 ヒメマグソコガネ*Aphodius (Phalacronothus) botulus* BALTHASAR, 1945, Acta Soc. ent. Cechoslov., 42:43.*Aphodius (Orodalus) naraensis* NAKANE, Ins. Mats., 20 (3/4):120, f. 2, 1956 (Nara).*Aphodius manshuriensis* PETROVITE, 1958, Ent. Arb. Mus. Frey, 9:138.

Distr. Japan (Honshu), Siberia.

Subgenus *Pharaphodius* REITTER, 1892*Pharaphodius* REITTER, Verh. Nat. Ver. Brünn, p. 172, 1892.(type-species: *Scarabaeus marginellus* FABRICIUS, 1781)*Aphodius (Pharaphodius) marginellus* (FABRICIUS, 1781) ウスチャマグソコガネ*Scarabaeus marginellus* FABRICIUS, Spec. Ins. I, p. 21, 1781.

Distr. Japan (Tokara, Iriomote Is., Okinawa Is.), Taiwan, India, Java, Borneo, Celebes, New Guinea, Polynesia, Africa.

Aphodius (Pharaphodius) rugosostriatus WATERHOUSE, 1875 スジマグソコガネ*Aphodius rugosostriatus* WATERHOUSE, Trans. ent. Soc. London, p. 92, 1875 (Kobe).

Distr. Japan (Hokkaido, Honshu, Sado, Shikoku, Kyushu), Korea, Taiwan.

Subgenus *Planolinus* MULSANT & REY, 1869

Planolinus MULSANT & REY, 1869, Ann. Soc. Agric. Lyon (4)2:426.

(type-species: *Aphodius putridus* HERBST, 1789)

Aphodius (Planolinus) pratensis NOMURA et NAKANE, 1951 マキバマグソコガネ

Aphodius (Agrilinus) pratensis NOMURA et NAKANE, Kontyu 19(2):43, 1951 (Kozu Pasture, Kozu Oku-Nikko).

Distr. Japan (Honshu, Hachijo-jima, Izu Is.)

Subgenus *Pleuraphodius* SCHMIDT, 1913

Pleuraphodius SCHMIDT, Arch. Naturg. LXXIX, A, 11, p. 121, 1913.

(type-species: *Aphodius mutilus* SCHMIDT, 1911)

Aphodius (Pleuraphodius) lewisii WATERHOUSE, 1875 コスジマグソコガネ

Aphodius lewisii WATERHOUSE, Trans. ent. Soc. London, p. 92, 1875 (Osaka).

Distr. Japan (Hokkaido, Honshu, Hachijo-Kojima), Taiwan, Philippines, Assam, Ceylon.

Subgenus *Sinodapterna* DELLACASA, 1986

Sinodapterna DELLACASA, 1986, Frustula ent. (NS) 7/8:265.

(type-species: *Aphodius troitzkyi* JACOBSON, 1897)

Aphodius (Sinodapterna) troitzkyi JACOBSON, 1897 マルツヤマグソコガネ

Aphodius troitzkyi JACOBSON, Horae. Soc. Ent. Ross., XXX, p. 87, 1897.

Aphodius donghariensis STEBNICKA, 1873, Bull. Acad. Pol. Sci., 21:119.

Distr. Japan (Honshu, Kyushu), Taiwan, Manchuria, Siberia.

Subgenus *Stenothorax* SCHMIDT, 1913

Stenothorax SCHMIDT, 1913, Arch. Naturg. A, 79(11):122.

(type-species: *Aphodius oblongus* SAY, 1823)

Aphodius (Stenothorax) hibernalis (NAKANE et TSUKAMOTO, 1956) クチキマグソコガネ

Stenobronchus hibernalis NAKANE et TSUKAMOTO, Sci. Rep. Saikyo Univ. II (3):46-47, 1956 (Futamatzawa-Aizu, Taira-Iwashiro, Saga-Kyoto).

Distr. Japan (Hokkaido, Honshu).

Subgenus *Subrinus* MULSANT & REY, 1869

Subrinus MULSANT & REY, 1869, Ann. Soc. Agric. Lyon (4)2:511.

(type-species: *Aphodius sturmi* HAROLD, 1870)

Aphodius (Subrinus) sturmi HAROLD, 1870 ヒメキイロマグソコガネ

Aphodius (Subrinus) sturmi HAROLD, 1870, Col. Hefte, 7:106.

Aphodius (Nialus) inouei NOMURA, 1942, Mushi 14(2):116-117.

Distr. Japan (Honshu, Okinoshima, Tsushima, Amami-Oshima, Tokara, Loo-Choo), Korea.

Subgenus *Teuchestes* MULSANT, 1842

Teuchestes MULSANT, 1842, Hist. nat. Col. France Lamell. :176.

(type-species: *Scarabaeus fossor* LINNÉ, 1758)

Aphodius (*Teuchestes*) *brachysomus* SOLSKY, 1874 セマルオオマガソコガネ

Aphodius brachysomus SOLSKY, Col. Heft. XII, 1874, p. 13.

Aphodius major WATERHOUSE (nec REITTER), Trans. ent. Soc. London, p. 80, 1875 (Hiogo).

Distr. Japan (Hokkaido, Honshu, Amami-Oshima), Korea, E. Siberia, Tokara Is.

Subgenus *Trichaphodius* SCHMIDT, 1913

Trichaphodius SCHMIDT, Arch. Naturg. LXXIX(A), 11, p. 135, 1913.

(type-species: *Aphodius humilis* ROTH, 1851)

Aphodius (*Trichaphodius*) *atsushii* OCHI, 1986 アマミヒメケブカマガソコガネ

Aphodius (*Trichaphodius*) *atsushii* OCHI, Ent. Rev. Japan 41(1):55-57, fig. 1-3, 1986 (Amami-Oshima).

Distr. Japan (Amami-Oshima)

Aphodius (*Trichaphodius*) *comatus* SCHMIDT, 1921 ヒメケブカマガソコガネ

Aphodius comatus SCHMIDT, Arch. Naturg. 86, A, 9, p. 140, 1921.

Aphodius (*Pharaphodius*) *chokaiensis* NOMURA et NAKANE, Kontyu 19(2):40-41, 1951 (Mt. Chokai, Unzen, Honshu).

Distr. Japan (Honshu, Toshima-Izu Is., Kyushu, Tsushima, Tokara), Korea.

Genus *Mozartius* NOMURA et NAKANE, 1951 マルマガソコガネ属

Mozartius NOMURA et NAKANE, Kontyu 19(2):46, 1951.

(type-species: *Mozartius testaceus* NOMURA et NAKANE, 1952)

Mozartius jugosus (LEWIS, 1895) マルマガソコガネ

Oxyomus jugosus LEWIS, Ann. Mag. Nat. Hist. (6) XVI, p. 383, f. 6, 1895 (Nagasaki).

Distr. Japan.

subsp. *jugosus* (LEWIS, 1895) マルマガソコガネ

Oxyomus jugosus LEWIS, Ann. Mag. Nat. Hist. (6) XVI, p. 383, f. 6, 1895 (Nagasaki).

Mozartius testaceus NOMURA et NAKANE, Kontyu 19(2): 46-47, f. 4, 1952.

Distr. Japan (Honshu, Kyushu?, Tsushima).

subsp. *shikokuensis* MASUMOTO, 1984

Mozartius jugosus shikokuensis MASUMOTO, 1984, Ent. Rev. Japan 39(2):173 (Kuroiwa cave, Ehime Pref.).

Distr. Japan (Shikoku).

Mozartius uenoi MASUMOTO, 1984 ウエノマルマグソコガネ

Mozartius uenoi MASUMOTO, Bull. Natn. Sci. Mus. Tokyo Ser. A 10(1):25-29, 1984 (Shikoku).
Distr. Japan (Shikoku).

Genus *Oxyomus* STEPHENS, 1839 ムネミゾマグソコガネ属
Oxyomus STEPHENS, 1839, Man. Brit. Col. 159.
(type-species: *Scarabaeus silvestris* SCOPOLI, 1763)

Oxyomus ishidae NAKANE, 1977 テドリムネミゾマグソコガネ

Oxyomus ishidae NAKANE, 1977, Bull. Nat. Sci. Mus. Ser. A (Zool.) 3(3):167-168 (Tanzawa, Hidakake, Kanagawa).
Distr. Japan (Honshu).

Tribe EUPARIINI ツツマグソコガネ族

Genus *Saprosites* REDTENBACHER, 1857 ツツマグソコガネ属
Saprosites REDTENBACHER, Fauna Austr. Käfer. ed. 2, p. 436, 1857.
(type-species: *Saprosites peregrinus* REDTENBACHER, 1857)
Gylindropterus MOTSCHULSKY, Bull. Soc. Moscou, XXXVI(2):463, 1863.

Saprosites japonicus WATERHOUSE, 1875 クロツツマグソコガネ

Saprosites japonicus WATERHOUSE, Trans. ent. Soc. London, p. 93, 1875 (Nagasaki).
Distr. Japan (Hokkaido, Honshu, Miyake-jima, Kyushu, Tsushima, Amami-Oshima, Tokara, Nakanoshima, Takara-jima), Loo-Choo, Korea, Taiwan, Indochina.

Saprosites narae LEWIS, 1895 ヒメツツマグソコガネ

Saprosites narae LEWIS, Ann. Mag. Nat. Hist. VI(16):382, 1895 (Nara).
Distr. Japan (Honshu).

Genus *Dialytes* HAROLD, 1869 フトツツマグソコガネ属
Dialytes HAROLD, Col. Hefte, V. 1869, p. 101.
(type-species: *Trox striatulus* SAY, 1825)

Dialytes foveatus SCHMIDT, 1909 フトツツマグソコガネ

Dialytes foveatus SCHMIDT, Soc. Entomol. XXIV, p. 61, 1909-1910 (1909).
Distr. Japan (Amami-Oshima), Taiwan.

Genus *Ataenius* HAROLD, 1867 ニセツツマグソコガネ属
Ataenius HAROLD, Col. Heft. II, 1867, p. 100.
(type-species: *Ataenius opacus* HAROLD, 1867)

Ataenius gracilis (MELSGHEIMER, 1844) コツツマグソコガネ*Oxyomus gracilis* MELSGHEIMER, Proc. Ac. Phil. II, 1844, p. 137.

Distr. Japan (Honshu), Pennsylvanum, Cuba, Porto Rico, Gaudeloupe, Colombia, Peru, Chile.

Ataenius okinawensis NAKANE, 1960 オオツツマグソコガネ*Ataenius okinawensis* NAKANE, Entom. Rev. Japan 12(1):5, 1960 (Okinawa Is.).

Distr. Japan (Okinawa, Ishigaki-jima, Iriomote-jima, Yonakuni-jima).

Ataenius pacificus SHARP, 1879 ナンヨウニセツツマグソコガネ*Ataenius pacificus* SHARP, 1879, Trans. ent. Soc. London, p. 90.

Distr. Japan (Ogasawara Is. Nakayuō-jima), Mariana Is. Saipan Is.

Tribe PSAMMODIINI ケシマグソコガネ族

Genus *Psammodius* FALLÉN, 1807 ケシマグソコガネ属*Psammodius* FALLÉN, Observationes entomologicae, fasc. 3, p. 37.(type-species: *Aphodius sulcicollis* ILLIGER, 1802)*Psammobius* HEER, 1841, Fauna col. Helvet., 1(3), p. 531.Subgenus *Psammodius* FALLÉN, 1807*Psammodius* (s. str.) *ainu* LEWIS, 1895 アイヌケシマグソコガネ*Psammodius ainu* LEWIS, Ann. Mag. Nat. Hist. (6) XVI, p. 384, 1895 (Hakodate).

Distr. Japan (Hokkaido, Honshu).

Psammodius (s. str.) *convexus* WATERHOUSE, 1875 セマルケシマグソコガネ*Psammodius convexus* WATERHOUSE, Trans. ent. Soc. London, p. 94, 1875 (Kobe).

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

Psammodius (s. str.) *kondoi* MASUMOTO, 1984 サキシママグソコガネ*Psammodius kondoi* MASUMOTO, Ent. Rev. Japan 39(1):81-83, Fig. 10, 1984 (Ishigaki-jima, Iriomote-jima).

Distr. Japan (Kume-jima, Ishigaki-jima, Iriomote-jima).

Psammodius (s. str.) *thailandicus* (BALTHASAR, 1965) タイケシマグソコガネ*Psammodius thailandicus* BALTHASAR, 1965, Acta ent. Bohemoslov. 62, p. 445, 1965.

Distr. Japan (Okinawa-honto, Senaga-jima), Taiwan, Thailand.

Subgenus *Leiopsammodius* RAKOVIČ, 1981*Leiopsammodius* RAKOVIČ, Čs. Acad. Ved. 1981, p. 16.(type-species: *Psammodius laevicollis* KLUG, 1845)

- Psammobius (Leioposammobius) japonicus* (HAROLD, 1878) ヤマトケシマグソコガネ
Psammobius japonicus HAROLD, Deutsch. Ent. Zeitschr. XXII, p. 69, 1878.
Diastictus nomurai TESAR, Acta. Soc. Ent. Csl. XLI, p. 60, 1944.
 Distr. Japan (Honshu, Shikoku, Kyushu).

Genus *Trichiorhyssenus* CLOUËT, 1901 ヒメケシマグソコガネ属
Trichiorhyssenus CLOUËT, Mem. Soc. Ent. Belg., VII, p. 15, 1901.
 (type-species: *Trichiorhyssenus riparius* HORN, 1871)

- Trichiorhyssenus asperulus* (WATERHOUSE, 1875) ホソケシマグソコガネ
Rhyssenus asperulus WATERHOUSE, Trans. ent. Soc. London, p. 94, 1875 (Nagasaki).
Trichiorhyssenus lasinotus CLOUËT, 1901, Mem. Soc. ent. Belg., 8, p. 28, 32.
 Distr. Japan (Hokkaido, Honshu, Shikoku, Kyushu, Amami-Oshima, Tokara, Iriomote-jima),
 Taiwan, China.

- Trichiorhyssenus esakii* NOMURA, 1943 ヒメケシマグソコガネ
Trichiorhyssenus esakii NOMURA, 1943, Mushi XV:80 (Palau Island:Peleliu).
Trichiorhyssenus boninensis NAKANE, Entom. Rev. Japan XII (1):5, 1960.
 Distr. Japan (Ogasawara Is., Bonin Is.), Palau Is. Micronesia.

Genus *Rhyssenus* MULSANT, 1842 コケシマグソコガネ属
Rhyssenus MULSANT, Col. Fr. Lamell. 1842, p. 314-317.
 (type-species: *Ptinus germans* LINNÉ, 1767)

- Rhyssenus samurai* BALTHASAR, 1941 コケシマグソコガネ
Rhyssenus samurai BALTHASAR, Ent. Blät. XXXVII (2):92, 1941.
Rhyssenus tuberculatus NOMURA et NAKANE, Kontyu 19 (2):45-46, f. 3, 1951 (Tokio, Chiba).
 Distr. Japan (Honshu).

Genus *Odochilus* HAROLD, 1877 スジマグソコガネ属
Odochilus HAROLD, 1877 Ann. Mus. Civ. Genova 10:97.
 (type-species: *Odochilus syntheticus* HAROLD, 1877)

- Odochilus convexus* NOMURA, 1971 スジケシマグソコガネ
Odochilus convexus NOMURA, Ent. Rev. Japan 23 (2):64-65, pl. 3, 1981 (Iriomote Is.).
 Distr. Japan (Iriomote Is.).

Tribe RHYPARINI カクマグソコガネ族

Genus *Rhyparus* WESTWOOD, 1843 カクマグソコガネ属
Rhyparus WESTWOOD, Proc. Ent. Soc. Lond. 1843, p. 93.
 (type-species: *Rhyparus desjardinsi* WESTWOOD, 1843)

Rhyparus helepholoides FAIRMAIRE, 1893 ヒメセスジカクマグソコガネ

Rhyparus helepholoides FAIRMAIRE, Note Lyden Mus. XV, p. 145, 1893 (Borneo).

Rhyparus amamianus NAKANE, Ins. Mats., 20(3/4):123-124, 1956 (Amami-Oshima).

Distr. Tokara Is. (Suwanose-jima, Takara-jima, Nakanoshima), Amami-Oshima, Okinoerabu-jima, Okinawa-honto, Ishigaki-jima, Iriomote-jima, Miyako-jima), Taiwan, Borneo.

Rhyparus kitanoi Y. MIYAKE, 1982 キュウシュウカクマグソコガネ

Rhyparus kitanoi Y. MIYAKE, Kita Kyushu no Konchu 29(2):65-68, Fig. 1-8, 1982 (Cape Sata, Ohsumi, Meshima, Danjo Is., Akamatsu Valley, Shimabara City).

Distr. Japan (Kyushu-Mainland and Danjo Is.).

Rhyparus peninsularis ARROW, 1905 セスジカクマグソコガネ

Rhyparus peninsularis ARROW, Ann. Mag. Nat. Hist. (7) XV, p. 537, 1905.

Rhyparus azumai NAKANE, Ins. Mats., 20(3/4):122-123, fig., 1956 (Kii, Hiko, Chikugo).

Distr. Japan (Honshu, Nii-jima, Miyake, Mikura, Hachijyo-jima, Shikoku, Kyushu, Yakushima, Tanega-shima, Nakano-shima, Takara-jima, Tokara Is., Okinawa, Goto Is., Danjyo-Is., Tsushima, Hekura-jima, Ishigaki-jima), Taiwan.

Subfamily AEGIALIINAE ニセマグソコガネ亜科

Genus *Aegialia* LATRILLE, 1807 ニセマグソコガネ属
Aegialia LATRILLE, Gen. Crust. et Ins. II, 1807, p. 96.
 (type-species: *Scarabaeus arearia* FABRICIUS, 1787)

Aegialia nitida WATERHOUSE, 1875 ニセマグソコガネ

Aegialia nitida WATERHOUSE, Trans. ent. Soc. Lond., p. 95, 1875 (Hakodate).

Distr. Japan (Hokkaido, Honshu, Kyushu).

Genus *Caelius* LEWIS, 1895 トゲマグソコガネ属

Caelius LEWIS, Ann. Mag. Nat. Hist. (6) XVI, p. 382, f. 5, 1895.

(type-species: *Caelius denticollis* LEWIS, 1895)

Caelius denticollis LEWIS, 1895 トゲマグソコガネ

Caelius denticollis LEWIS, Ann. Mag. Nat. Hist. ser. 6, 16, p. 381, 1895 (Miyanosita, Kiga, Nikko).

Distr. Japan (Honshu, Kyushu).

Genus *Psammoporus* THOMSON, 1863 ナガニセマグソコガネ属
Psammoporus THOMSON, Skand. Col. (5) p. 72, 1863.
 (type-species: *Scarabaeus sabuleti* PANEER, 1797)

Psammoporus comis (LEWIS, 1895) ナガニセマグソコガネ

Psammobius comis LEWIS, Ann. Mag. Nat. Hist. (6)16:384, 1895.

Aegialia (Dimalia) hybrida REITTER, Verh. Nat. Ver. Brün. XXX 189[1892]:251.

Psammoporus freyi PORTROVITZ, Arb. Mus. Frey. 12(1):136, 1961.

Distr. Japan (Hokkaido, Honshu).

Psammoporus kamtschaticus (MOTSCHULSKY, 1860) アラメニセマグソコガネ

Aegiolia kamtschatica MOTSCHULSKY, 1860, Dr. Schrenk's Reisen u Forsch im Amur-Lande II, 2,
 Lief.:132, pl. 9, f. 3 (Kamtschatka & Daourie).

Psammoporus nakanei MASUMOTO, Pap. Ent. Pres Nakane, Tokyo pp.144-164, figs.1&4, 1986.

Distr. Japan (Hokkaido, Honshu), Kuriles, Kamtschatka, Sachalin, E. Siberia.

Psammoporus tsukamotoi MASUMOTO, 1986 キタアラメニセマグソコガネ

Psammoporus tsukamotoi MASUMOTO, Pap. Ent. Pres. Nakane Tokyo p.146-147, figs.2&5, 1986 (Mt.
 Rishiri, Rishiri Is., Horomitoge, Sôunkyo, Mt. Poroshiridake, Hidaka, -Hokkaido).

Distr. Japan (Hokkaido, Rishiri Is.)

Subfamily GLAPHYRINAE ヒゲブトハナムグリ亜科

Genus *Amphicoma* LATREILLE, 1807 ヒゲブトハナムグリ属
Amphicoma LATREILLE, Genera Crust. et Insect, 2:118, 1807.
Anthypna LATREILLE, Genera Crust. et Insect, 2:119, 1807.
Anthynoides YAWATA, Trans. Kansai Ent. Soc. 12(1):33-35, 1942.
 (type-species: *Melolontha abdominalis* FABRICIUS, 1781)

Amphicoma pectinata (LEWIS, 1895) ヒゲブトハナムグリ

Anthypna pectinata LEWIS, Ann. Mag. Nat. Hist. (6)XVI, p. 358, 1895 (Tokio).

Distr. Japan (Honshu, Shikoku).

Amphicoma splendens (YAWATA, 1942) オオヒゲブトハナムグリ

Anthypnoides splendens YAWATA, Trans. Kansai Ent. Soc. 12(1):35, 1942 (Yonakuni Is.).

Distr. Japan (Ishigaki Is. Iriomote Is., Yonaguni Is.).

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, Mag. Ins. II, 1803, p. 226.

(type-species: *Scarabaeus farinosus* LINNÉ, 1761)

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

Echyra ERICHSON, Nat. Ins. Detsch. III, p. 705, nota, 1847.

Subgenus *Euchromoplia* MEDVEDEV, 1952

Euchromoplia MEDVEDEV, Fauna U. S. S. R. 10(2):235, 1952.

(type-species: *Scarabaeus aureolus* PALLAS, 1875)

Hoplia (*Euchromoplia*) *communis* WATERHOUSE, 1875 アシナガコガネ

Hoplia communis WATERHOUSE, Trans. ent. Soc. London, 1875, p. 100 (Nagasaki, Yokohama).

Hoplia communis f. *maculata* BATES, 1889, Ent. mon. Mag. 25, p. 298.

Distr. Japan (Honshu, Sado Is., Izu-Oshima, Shikoku, Kyushu, Yakushima).

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

Hoplia (s. str.) *hakonensis* SAWADA, 1938 ハコネアシナガコガネ

Hoplia moerens var. *hakonensis* SAWADA (part.), Nippon no Kochu 2(1):39, pl. VI, f. 10, 1938 (Hakone).

Distr. Japan (Honshu-Izu, Hakone, Toyama, Niigata).

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

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

Hoplia moerens f. *nigrofusca* NOMURA, 1968, Ent. Rev. Japan 20(1/2):58.

Hoplia moerens f. *flavicans* NOMURA, 1968, Ent. Rev. Japan 20(1/2):58.

Hoplia moerens ohbayashii NOMURA, 1968, Ent. Rev. Japan 20(1/2):59.

Distr. Japan (Honshu, Shikoku, Kyushu).

Hoplia (s. str.) *reini* HEYDEN, 1879 ラインアシナガコガネ

Hoplia reini HEYDEN, Deutsch Ent. Zeit. XXIII, p. 339, 1879 (Kiushiu).

Distr. Japan (Kyushu).

Hoplia (s. str.) *shiraki* NOMURA, 1959 シラキアシナガコガネ

Hoplia (s. str.) *shiraki* NOMURA, Tōhō Gakuho (9):39, pl. 2, f. 1-3, 1959 (Okinawa Is.).

Distr. Japan (Okinawa Is.).

Genus *Ectinohoplia* REDTENBACHER, 1868 ヒメアシナガコガネ属
Ectinohoplia REDTENBACHER, Reise Novara-Expedition, Zool. II, Col. 1868, p. 63.
 (type-species: *Hoplia obducta* MOTSCHULSKY, 1857)

Ectinohoplia gracilipes (LEWIS, 1895) キイロアシナガコガネ
Hoplia gracilipes LEWIS, Ann. Mag. Nat. Hist. (6) XVI, 1895, p. 389 (Oshima).
 Distr. Japan (Kyushu, Yakushima, Amami-Oshima, Tokunoshima).

Ectinohoplia obducta (MOTSCHULSKY, 1857) ヒメアシナガコガネ
Hoplia obducta MOTSCHULSKY, Etud. ent., p. 33, 1857 (Japan, Shimoda).
Hoplia sabulicola MOTSCHULSKY, 1857, Etudes ent. 6, p. 34.
Ectinohoplia variolosa WATERHOUSE, Trans. ent. Soc. London, 1875, p. 99, pl. 1, f. 2 (Nagasaki).
Ectinohoplia obducta var. *caminaris* REITTER, 1903, Verh. naturw. Ver. Brunn. 41, p. 107.
 Distr. Japan (Hokkaido, Honshu, Sado Is., Shikoku, Kyushu, Goto Is., Tsushima, Yakushima, Hekura-jima), Korea, China.

Ectinohoplia rufipes (MOTSCHULSKY, 1860) カバイロアシナガコガネ
Decamera rufipes MOTSCHULSKY, in Schrenk's Amur-Reise, II, 1860, p. 133, t. 9, f. 4 (Daourie, bords du fl. Amur.).
 Distr. Japan (Hokkaido, Chishima, Honshu, Shikoku, Tsushima), Sakhalin, Korea.

Tribe SERICINI ピロウドコガネ族

Genus *Maladera* MULSANT et REY, 1870 ピロウドコガネ属
Maladera MULSANT et REY, Ann. Soc. Agric. Lyon (4), 3, p. 343, 1870.
 (type-species: *Scarabaeus holosericeus* SCOPOLI, 1772)
Aserica LEWIS, Ann. Mag. Nat. Hist. (6) XVI, p. 394, 1895.
 (type-species: *Autoserica secreta* BRENSKE, 1897)
Autoserica BRENSKE, Berl. Ent. Zeit. p. 377, 1897.
 (type-species: *Serica piceorufa* FAIRMAIRE, 1888)

Subgenus *Maladera* MULSANT et REY, 1870, s. str.

Maladera (s. str.) *amamiana* NOMURA, 1959 アマミピロウドコガネ
Maladera kamiyai amamiana NOMURA, Tōhō Gakuho (9):40, pl. II, f. 4&5, 1959 (Amami-Oshima).
 Distr. Japan (Amami-Oshima).

Maladera (s. str.) *cariniceps* (MOSER, 1915) スジピロウドコガネ
Autoserica cariniceps MOSER, Deut. Ent. Zeit. p. 341, 1915.
 Distr. Japan (Kyushu, Tsushima), Korea, China.

Maladera (s. str.) *castanea* (ARROW, 1913) アカピロウドコガネ
Aserica castanea ARROW, Ann. Mag. Nat. Hist. (8) 12, p. 398, 1913 (Kobe, Japan, N. China).

Distr. Japan (Hokkaido, Chishima, Honshu, Tobishima, Awashima, Sado, Izu Is.-Oshima, Toshima, Niijima, Shikinejima, Kozujima, Miyake-jima, Mikura-jima, Hochijyo-shima, Hachijyo-kojima, Aogashima, Shikoku, Kyushu, Goto-Is., Tsushima, Yakushima), Taiwan, China, N. America.

Maladera (s. str.) *ejimai* Y. MIYAKE et IMASAKA, 1987 ダンジョビロウドコガネ

Maladera (s. str.) *ejimai* Y. MIYAKE et IMASAKA, Ent. Rev. Japan 42(3):137-139, figs 1-5, 1987 (Meshima Is.).

Distr. Japan (Danjo Islands).

Maladera (s. str.) *hiranoi* Y. MIYAKE, 1986 トクノシマビロウドコガネ

Maladera (s. str.) *hiranoi* Y. MIYAKE, Lamellicornia (2)3-5, Text fig. 3, 1986 (Tokunoshima Is.).

Distr. Japan (Tokunoshima Is.).

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

Maladera (s. str.) *impressithorax* NOMURA, 1973, Tōhō Gakuho (23):130-131, pl. 1, f. 9. (Higashinakama, Amami-Oshima).

Distr. Japan.

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

Maladera (s. str.) *impressithorax* NOMURA, 1973, Tōhō Gakuho (23):130-131, pl. 1, f. 9 (Higashinakama, Amami-Oshima).

Distr. Japan (Amami-Oshima).

subsp. *okinoerabuana* H. KOBAYASHI, 1978 オキノエラブビロウドコガネ

Maladera (s. str.) *okinoerabuana* H. KOBAYASHI, 1978, New Entomol. 27(4):15, fig. 2 (Okinoerabu Is.).

Distr. Japan (Okinoerabu-jima, Okinawa Is.).

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

Serica japonica MOTSCHULSKY, Etud. Ent. IX, p. 15, 1860 (Japan).

Distr. Japan.

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

Serica japonica MOTSCHULSKY, Etud. Ent. IX, p. 15, 1860 (Japan).

Distr. Japan (Hokkaido, Honshu, Tobishima, Awashima, Sado Is., Izu Is.-Toshima, Shikoku, Kyushu, Hiradoshima, Tsushima, Yakushima).

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

Maladera kamiyai yaeyamana NOMURA, Ent. Rev. Japan 15(2):27, f. 1, 1963 (Irimote Is.).

Distr. Japan (Miyako-jima, Ishigaki-jima, Irimote-jima).

Maladera (s. str.) *kamiyai* (SAWADA, 1937) カミヤビロウドコガネ

Serica kamiyai SAWADA, Nippon no Kochu 1(1):27, pl. IV, f. 3a, 3b, 6, pl. VI, f. 3, 10, 1937 (Daisen, Yamato, Matsuyama, Yamanakako, Hakone, Yamato-Kamikitayama-mura, Formosa-Musaya?, Arisan?).

Distr. Japan (Honshu, Okinoshima, Shikoku, Kyushu, Goto Is., Yakushima).

Maladera (s. str.) *kusuii* Y. MIYAKE, 1986 イヘヤジマビロウドコガネ

Maladera (s. str.) *kusuii* Y. MIYAKE, LAMELLICORNIA (2):2-3, Text-Fig. 2, 1986 (Iheyajima Is.).

Distr. Japan (Iheyajima).

Maladera (s. str.) *okinawaensis* H. KOBAYASHI, 1978 オキナワヒロウドコガネ

Maladera (s. str.) *okinawaensis* H. KOBAYASHI, 1978, New Entomol, Nagano 27(4):14-15, f. 1 (Okinawa-honto, Mt. Yonaha-dake).

Distr. Japan (Okinawa Is.).

Maladera (s. str.) *opima* NOMURA, 1967 オオマルヒロウドコガネ

Maladera (*Aserica*) *opima* NOMURA, Entom. Rev. Japan 19(2):52-53, T. f. 1, pl. 7, f. 1, 1967 (Mt. Hateruma, Iriomote-jima).

Distr. Japan (Miyako-jima, Ishigaki-jima, Iriomote-jima).

Maladera (s. str.) *orientalis* (MOTSCHULSKY, 1857) ヒメヒロウドコガネ

Serica orientalis MOTSCHULSKY, Etud. Ent. VI, p. 33, 1857 (Japan).

Serica salebrosa BRENSKE, Berl. Ent. Zeit. p. 428, 1897 (Yokohama, Hakone, Echizen, Kiushiu).

Distr. Japan (Hokkaido, Honshu, Tobishima, Awashima, Sado, Izu Is., -Toshima, Niijima, Shikoku, Kyushu), Sakhalin, China, Mongol.

Maladera (s. str.) *oshimana* NOMURA, 1962 リュウキュウヒロウドコガネ

Maladera orientalis oshimana NOMURA, Tohō Gakuho (12):38, f. 3, 1962 (Amami-Oshima).

Distr. Japan.

subsp. *okinawana* NOMURA, 1964 ヒメリュウキュウヒロウドコガネ

Maladera cariniceps okinawana NOMURA, Ent. Rev. Japan 16(2):56, f. 1, 1964 (Okinawa Is. & Kumejima).

Distr. Japan (Okinawa-jima, Kumejima).

subsp. *oshimana* NOMURA, 1962 リュウキュウヒロウドコガネ

Maladera orientalis oshimana NOMURA, Tohō Gakuho (12):38, f. 3, 1962 (Amami-Oshima).

Maladera cariniceps oshimana NOMURA, Ent. Rev. Japan 16(2):51, 1964.

Distr. Japan (Amami-Oshima, Tokunoshima).

subsp. *sakishimana* NOMURA, 1964 サキシマヒロウドコガネ

Maladera cariniceps sakishimana NOMURA, Ent. Rev. Japan 16(2):51, f. 2, 1964 (Iriomote-jima & Ishigaki-jima).

Distr. Japan (Miyakojima, Ishigaki-jima, Iriomote-jima, Yonakuni-jima).

Maladera (s. str.) *renardi* (BALLION, 1870) オオヒロウドコガネ

Serica renardi BALLION, Bull. Moscou, 1870, p. 339 (E. Siberia, Permske).

Serica motschulsky BRENSKE, Berl. Ent. Zeit., p. 370, 1897 (Korea).

Serica sibirica BRENSKE, Berl. Ent. Zeit., 1897, p. 372 (Vladivostok, Chabrofka).

Serica spissigrada MURAYAMA, Ann. Zool. Japon, p. 16, 1937 (Suigen).

Distr. Japan (Honshu, Sado, Izu Is. -Hachijyo-shima., Shikoku, Kyushu), Korea, China, E. Siberia.

Maladera (s. str.) *satoi* NOMURA, 1961 トカラヒロウドコガネ

Makadera (s. str.) *satoi* NOMURA, Toho Gakuho (11):73, f. a~d, 1961 (Nakanoshima).

Distr. Japan (Osumi-Kuroshima, Tokara-Nakanoshima, Kuchinoshima).

Maladera (s. str.) *secreta* (BRENSKE, 1897) マルガタビロウドコガネ

Autoserica secreta BRENSKE, Berl. Ent. Zeit. 1897, p. 341 (Tsuruga, Nagahama, Fushiki, Shimonoseki, Kiushu, Nagasaki, Hagi, Hiogo, Yokohama).

Autoserica takaona NIJJIMA et KINOSHITA, Res. Bull. Coll. Exp. Forest Coll. Agr. Gokkaido Imp. Univ. Japan, IV, pp. 11, 80, pl. iii, f. 2, 1927 (Awa, Takao-san).

Autoserica uyei NIJJIMA et KINOSHITA, I. C., pp. 12, 80, pl. 1, f. 8, pl. iii, f. 3, 1927 (Oita).

Distr. Japan (Honshu, Izu Is.-Oshima., Shikoku, Kyushu, Hirato-jima, Tsushima), Taiwan, China.

Subgenus *Eumaladera* NOMURA, 1967

Eumaladera NOMURA, Ent. Rev. Japan, 19(2):53.

(type-species: *Maladera nitididorsis* NOMURA, 1967)

Maladera (*Eumaladera*) *nitidiceps* NOMURA, 1967 チビビロウドコガネ

Maladera (*Eumaladera*) *nitidiceps* NOMURA, Entom. Rev. Japan, 19(2):55-56, Taf. 3, pl. 7, f. 3 & 4 (Iriomote Is.).

Distr. Japan (Iriomote-jima, Yonakuni-jima).

Maladera (*Eumaladera*) *nitididorsis* NOMURA, 1967 ツヤズビロウドコガネ

Maladera (*Eumaladera*) *nitididorsis* NOMURA, Entom. Rev. Japan 19(2):54-55, f. 2, pl. 7, f. 2, 1967 (Amami-Oshima).

Distr. Japan (Amami-Oshima).

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

Hoplomaladera NOMURA, 1974, Tohō Gakuho (24):82, 92.

(type-species: *Hoplomaladera shibatai* NOMURA, 1974)

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

Hoplomaladera saitoi H. KOBAYASHI, New Entomol. 24(2/3):9-10, 1975 (Kanpira, Iriomote-jima).

Distr. Japan (Iriomote-jima).

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

Gastroserica BRENSKE, Berl. Ent., Zeit., 1897, p. 412.

(type-species: *Serica marginalis* BRENSKE, 1894)

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

Serica brevicornis LEWIS, Ann. Mag. Nat. Hist. (6)XVI, 1895, p. 393 (Nikko, Shinkano).

Microserica nikkoensis BRENSKE, Berl. Ent. Zeitsch. XLII, p. 435, 1897 (Nikko).

Distr. Japan (Honshu, Shikoku, Kyushu).

Gastroserica higonia (LEWIS, 1859) ヒゴシマビロウドコガネ

Serica higonica LEWIS, Ann. Mag. Nat. Hist. (6)XVI, 1895, p. 394 (Hitoyoshi, Konose, Yuyama).

Distr. Japan (Kyushu).

Genus *Gastromaladera* NOMURA, 1973 オオシマビロウドコガネ属
Gastromaladera NOMURA, Tohō Gakuho (23):122-123, 1973.
 (type-species: *Gastroserica major* NOMURA, 1959)

Gastromaladera major (NOMURA, 1959) オオシマビロウドコガネ
Gastromaladera major NOMURA, Tohō Gakuho (9):40-41, 1959 (Amami-Oshima).
 Distr. Japan (Amami-oshima, Tokuno-shima).

Genus *Paraserica* REITTER, 1896 ハイイロビロウドコガネ属
Paraserica REITTER, Wien Ent. Zeit. XV, Heft. IV, V, p.183, 1896.
 (type-species: *Serica grisea* MOTSCHULSKY, 1866)

Paraserica grisea (MOTSCHULSKY, 1866) ハイイロビロウドコガネ
Serica grisea MOTSCHULSKY, Bull. Mosc. I, p.171, 1866 (Japan).
 Distr. Japan (Hokkaido, Honshu, Shikoku, Awa-shima, Sado-gashima, Hirato-shima, Kyushu).

Genus *Pachyserica* BRENSKE, 1897 ウスグモビロウドコガネ属
Pachyserica BRENSKE, Berl. Ent. Zeitscher, p.420, 1897.
 (type-species: *Pachyserica rubrobasalis* BRENSKE, 1897)

Pachyserica yanoi NOMURA, 1959 ヤノウスグモビロウドコガネ
Pachyserica yanoi NOMURA, Toho Gakuho (9):41, pl.2, f.6~7, 1959 (Ishigaki-jima).
 Distr. Japan (Ishigaki-jima, Iriomote-jima).

Genus *Serica* MAC LEAY, 1819 ヒゲナガビロウドコガネ属
Serica MAC LEAY, 1819, Horae Ent. I:146.
 (type-species: *Scarabaeus brunneus* LINNÉ, 1758)
Trichoserica REITTER, 1896, Wien. ent. Ztg., 15, p.181, 183.
Ophthalmoserica BRENSKE, 1897, Berl. ent. Zeitschr. 42, p.356 (Subg.).

Serica boops WATERHOUSE, 1875 ヒゲナガビロウドコガネ
Serica boops WATERHOUSE, Trans. ent. Soc. London, p.101, 1875 (Maiyasan, Hyogo).
Ophthalmoserica niijimai KONTKANEN, Suomen Hyönteistieteellinen Aikakauskirja 22(2):No.2, p.60,
 1956 (Karizawa, Odaira).
Ophthalmoserica inexpectata KONTKANEN, Suomen Hyönteistieteellinen Aikakauskirja 22(2):60, 1960
 (Odaira).
 Distr. Japan (Honshu, Izu Is.-Oshima, Toshima, Miyakejima, Mikura-jima, Hachijyo-jima,
 Hachijyo-kojima, Shikoku, Kyushu).

Serica brevitarsis NOMURA, 1972 コヒゲナガビロウドコガネ
Serica brevitarsis NOMURA, Tohō Gakuho (22):117-118, Text Figs.5&6, pl.1, f.5a, pl.3, f.5; pl.
 4, f.5, 1972 (Hirakura).
 Distr. Japan.

subsp. *brevitarsis* NOMURA, 1972 コヒゲナガビロウドコガネ
Serica brevitarsis NOMURA, Tōhō Gakuho (22):117-118, Text Figs. 5&6, pl. 1, f. 5a, pl. 3, f. 5; pl. 4, f. 5, 1972 (Hirakura).

Distr. Japan (W. Honshu-Kinki Dist.).

subsp. *rectipes* NOMURA, 1972 ヒメコヒゲナガビロウドコガネ
Serica brevitarsis rectipes NOMURA, Tōhō Gakuho (22):118, Text. Figs. 7&8, pl. 1, f. 5b, 1972 (Mt. Tsurugi, Tokushima Pref.).

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

Serica echigoana (NAKANE et BABA, 1960) エチゴビロウドコガネ
Ophthalmoserica echigoana NAKANE et BABA, Entom. Rev. Japan 12(1):6, 1960 (Kurokawa).
Distr. Japan (N. Honshu).

Serica foobowana SAWADA, 1937 フウボウビロウドコガネ
Serica foobowana SAWADA, Nippon no Kochu 1(1):20, f. 3, pl. IV, f. 9, pl. V, f. 2, pl. VI, f. 6, 1937 (Mt. Ohdaigahara).
Distr. Japan (Honshu).

Serica incurvata (NOMURA, 1971) アシマガリビロウドコガネ
Trichoserica incurvata NOMURA, Ent. Rev. Japan 23(2):67-68, Text. Figs. 3, pl. 5, f. 3&4, 1971 (Yunotaira Spa. Gumma Pref.).
Distr. Japan (Hokkaido, Honshu).

Serica karafutoensis NIIJIMA et KINOSHITA, 1923 エゾビロウドコガネ
Serica karafutoensis NIIJIMA et KINOSHITA, Res. Bull. Exp. Forest. Coll. Agr. Hokkaido Imp. Univ. Japan 2(2):17, 219, pl. iii, f. 5, 1923 (Sachalin).
Distr. Japan, Sakhalin.

subsp. *honshuensis* NOMURA, 1972 ホンシュウビロウドコガネ
Serica karafutoensis honshuensis NOMURA, Tōhō Gakuho (22):130-131, pl. 2, f. 18c & 18d, pl. 3, f. 18, 1972 (Renge Spa. Niigata Pref.).
Distr. Japan (Honshu).

subsp. *karafutoensis* NIIJIMA et KINOSHITA, 1923 エゾビロウドコガネ
Serica karafutoensis NIIJIMA et KINOSHITA, Res. Bull. Exp. Forest. Coll. Agr. Hokkaido Imp. Univ. Japan, II (2):17, 219, pl. iii, f. 5, 1923 (Sachalin).
Distr. Japan (Hokkaido), Kulire Is. Sakhalin.

Serica nigrovariata LEWIS, 1895 クロホシビロウドコガネ
Serica nigrovariata LEWIS, Ann. Mag. Nat. Hist. XVI, p. 392, 1895 (Maebashi).
Serica nigrovariata var. *nigripensis* SAWADA, 1937, Nippon no Kochu 1, p. 15.
Distr. Japan (Hokkaido, Honshu).

Serica nipponia (NOMURA, 1971) ヤマトビロウドコガネ
Ophthalmoserica nipponica NOMURA, Tōhō Gakuho (9):46, pl. II. 14, 1959 (Shiga, Gifu, Saitama, Gumma, Yamagata Pref.).
Distr. Japan (Honshu).

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

Trichoserica nitidiceps NOMURA, Ent. Rev. Japan 23(2):69-70, Text. figs.5, pl.5, f.7, 1971

(Mt. Sobo, Oita Pref.).

Distr. Japan (Shikoku, Kyushu).

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

Trichoserica elongata nitididorsis NOMURA, Ent. Rev. Japan 23(2):70-71, 1971 (Mt. Kuju, Oita Pref.).

Distr. Japan.

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

Trichoserica elongata nitididorsis NOMURA, Ent. Rev. Japan 23(2):70-71, 1971 (Mt. Kuju, Oita Pref.).

Distr. Japan (Kyushu).

subsp. *opacidorsis* NOMURA, 1972

Serica nitididorsis opacidorsis NOMURA, Tōhō Gakuho (22):127, pl.2, f.14a,b, pl.3, f.14, pl.4, f.4, 1972 (Sagashio, Yamanashi Pref.).

Ophthalmoserica elongata NOMURA, 1959, Tōhō Gakuho (9):47-48, pl. II, f.16, 1959 (Yamanashi, Nagano, Gunma Pref.).

Distr. Japan (Honshu, Shikoku).

Serica ovata (NOMURA, 1971) マルヒゲナガビロウドコガネ

Trichoserica ovata NOMURA, Ent. Rev. Japan 23(2):70, Text. Fig.6, pl.5, f.8&9, 1971 (Okutama).

Distr. Japan (Honshu).

Serica pilosa (NOMURA, 1971) ケブカビロウドコガネ

Trichoserica pilosa NOMURA, Ent. Rev. Japan 23(2):66-67, Text. f.2, pl.5, f.1&2, 1971 (Mt. Ishizuchi, Ehime Pref.).

Distr. Japan (Shikoku, Kyushu).

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

Serica planifrons NOMURA, Tōhō Gakuho (22):123-124, pl.1, f.10, pl.3, f.10, pl.4, f.10a&b, 1972 (Mt. Kirishima, Kagoshima Pref.).

Trichoserica opacifrons NOMURA, Ent. Rev. Japan 23(2):68-69, Text. f.4, pl.5, f.5, 26, 1971 (Kyushu, Yakushima).

Distr. Japan (Shikoku, Kyushu).

Serica rosinae PIC, 1904

Serica (Ophthalmoserica) rosinae PIC, I'Echange, XX:35, 1904 (Sibirien).

Distr. Japan, China (Manchuria), E. Siberia.

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

Ophthalmoserica kurosawai NOMURA, Tōhō Gakuho (9):45, pl. II, f.12, 1959 (Yakushima).

Distr. Japan (Yakushima).

Serica takagii SAWADA, 1937 ハラグロビロウドコガネ

Serica boops var. *takagii* SAWADA, Nippon no Kochu 1(1):18, 1937 (Oku-Nikko).

Serica boops var. *unicolor* SAWADA, Nippon no Kochu 1(1):18, 1937 (Nikko).

Ophthalmoserica sawadai NOMURA, Tōhō Gakuho (9):43-44, pl. II, f.9, 1959 (Nagano, Gunma, Yamanashi Pref.).

Distr. Japan (Hokkaido, Honshu).

Serica tokejii (NOMURA, 1959) トケジビロウドコガネ

Ophthalmoserica tokejii NOMURA, Tōhō Gakuho (9):47, pl. II, f. 15, 1959 (Mt. Takachiho, Miyazaki Pref.).

Distr. Japan (Kyushu).

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

Ophthalmoserica trichofemorata NOMURA, Tōhō Gakuho (9):44, pl. II, f. 10 & 11, 1959 (Mt. Gomanodan Wakayama, Yamanashi, Gumma, Kanagawa Pref.).

Distr. Japan (Honshu, Kyushu).

Serica yoshidai (NOMURA, 1959) ヨシダビロウドコガネ

Ophthalmoserica yoshidai NOMURA, Tōhō Gakuho (9):45-46, pl. II, f. 13, 1959 (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, Tōhō Gakuho (23):139, 1973.

(type-species: *Serica similis* LEWIS, 1895)

Nipponoserica daisensis (SAWADA, 1937) ダイセンビロウドコガネ

Serica similis var. *daisensis* SAWADA, Nippon no Kochu 1(1):24, pl. III, f. 3a, b, c, 1937 (Mt. Daisen).

Distr. Japan.

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

Serica similis var. *daisensis*, Nippon no Kochu 1(1):24, pl. III, f. 3a, b, c, 1937 (Daisen).

Distr. Japan (Honshu).

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

Serica lewisi CHAPIN, Journ. Wash. Acad. Sci. 28(2):68, f. 5 & 6, 1938 (Hitoyoshi).

Distr. Japan (Kyushu).

Nipponoserica gomadana NOMURA, 1976 ゴマダンビロウドコガネ

Nipponoserica gomadana NOMURA, Tōhō Gakuho (26):187-188, pl. VI, fig. 37, 1976 (Mt. Gomanodan Wakayama Pref.).

Distr. Japan (Honshu).

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

Nipponoserica kunitachiana NOMURA, Tōhō Gakuho (26):190, pl. VII, f. 42, 1976 (Kunitachi, Tokyo Met.).

Distr. Japan (Honshu).

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

Serica peregrina CHAPIN, Jour. Wash. Acad. Sci. XXVIII(2):68, fig. 3 & 4, 1938 (Long I., N. America).

Distr. Japan (Honshu), N. America.

Nipponoserica pubiventris NOMURA, 1976 ハラゲヒロウドコガネ

Nipponoserica pubiventris NOMURA, Tōhō Gakuho (26):189-190, pl. VII, figs. 40, 41, 1976 (Kiyosato).

Distr. Japan (Honshu).

Nipponoserica setiventris NOMURA, 1976 イワキヒロウドコガネ

Nipponoserica setiventris NOMURA, Tōhō Gakuho (26):188-189, pl. VII, fig. 39, 1976 (Mt. Iwawaki).

Distr. Japan (Honshu).

Nipponoserica similis (LEWIS, 1895) カバイロヒロウドコガネ

Serica similis LEWIS, Ann. Mag. Nat. Hist. (6)XVI, p. 391, 1895 (Nagasaki, Hitoyoshi, Nikko, Wada-toge).

Distr. Japan (Shokoku, Kyushu, Tsushima).

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

Sericania MOTSCHULSKY, Schrenck's Reisen im Amur-Lande, 2, p. 256.

(type-species: *Sericania fusolineata* MOTSCHULSKY, 1860)

Mesoserica BRENSKE, 1897, Berl. ent. Zeitschr. 42, p. 355.

Sericania aikyoi SAWADA, 1955 アイキョウチャイロコガネ

Sericania aikyoi SAWADA, Jour. Agr. Sci. Tokyo Nogyo Daigaku 2(4):573-576, pl. XLI, f. 12, 16, 1955 (Nidoage, Niigata, Asamakogen, Kuridaira, Kirizumi-Gunma Pref.).

Distr. Japan (Honshu).

Sericania alterata SAWADA, 1938 ヒラタチャイロコガネ

Sericania alterata SAWADA, Nippon no Kochu 2(1):12, 19, pl. II, f. 1, pl. III, f. 5, 6, pl. IV, f. 3, 1938 (Kawai, Kamikitayama, Yamato, Minogo Onomichi, Totorimi Osaka).

Distr. Japan (Honshu).

Sericania akitai H. HIRASAWA, 1987 フジワラチャイロコガネ

Sericania akitai H. HIRASAWA, LAMELLICORNIA (3):13-14, fig. 1, 1987 (Mt. Fujiwara-Mts. Suzuka, Mie Pref.).

Distr. Japan (Honshu).

Sericania angulata (LEWIS, 1895) クロチャイロコガネ

Serica angulata LEWIS, Ann. Mag. Nat. Hist. (6)XVI, p. 392, 1895 (Oyayama).

Sericania shinaoensis NIJIMA et KINOSHITA, Res. Bull. Coll. Agr. Ex. Forest Hokkaido Imp. Univ., Sapporo Japan, II, 2, 1923, pp. 34, 219, Taf. II, f. 7.

Distr. Japan (Shikoku, Kyushu).

Sericania awana NOMURA, 1976 アワチャイロコガネ

Sericania sp. MIYAKE, HIURA, MIZOGUCHI & NISHIOKA, 1958, Konchu Kagaku (7):13, fig. 6.

Sericania awana NOMURA, Tōhō Gakuho 1976, (26):175, pl. 1, fig. 9 (Koyadaira).

Distr. Japan (Shokoku).

Sericania babai NOMURA, 1976 パバチャイロコガネ*Sericania babai* NOMURA, Tōhō Gakuho (26):177, pl. II, f. 14, 1976 (Mt. Shinbotake).

Distr. Japan (Honshu).

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 subsp. *okinawana* NOMURA, 1964 オキナワカンショコガネ
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Subgenus *Holotrichia* HOPE, 1837, s. str.

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Subgenus *Eotrichia* MEDVEDEV, 1951

Eotrichia MEDVEDEV, 1951, Fauna SSSR 10(1):308.

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Holotrichia (*Eotrichia*) *nipponensis* (LEWIS, 1895) オオチャイロコガネ

Lachnosterna nipponensis LEWIS, Ann. mag. nat. Hist (6)XVI, p. 399 (Nagasaki, Goto Is., Fusan in Korea).

Holotrichia titanus REITTER, Verh. Nat. Ver. XL, p. 178, 1902 (Ussuri).

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

Holotrichia (*Eotrichia*) *koraiensis* MURAYAMA, 1937 ホクセンオオチャイロコガネ

Holotrichia koraiensis MURAYAMA, Chosen Hakubutugaku Zashi, 1937, p. 5.

Distr. Japan (Tsushima), N. Korea, Manchuria.

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 NOSER, 1913, Dtsch. ent. Z., 1913, p. 60.

Pollaplonyx flavidus WATERHOUSE, 1875 オオキイロコガネ
Pollaplonyx flavidus WATERHOUSE, Trans. ent. Soc. London, p. 105-106, pl. III, f. 6, ♂, 1875 (Kumamoto).
 Distr. Japan (Honshu, Shikoku, Kyushu).

Genus *Sophros* FAIRMAIRE, 1887 ヒメクロコガネ属
Sophrops FAIRMAIRE, 1887, Ann. Soc. ent. Berl., 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).

Sophrops kawadai (NOMURA, 1959) アマミヒメクロコガネ
Microtrichia kawadai NOMURA, Tōhō Gakuho (9):48-49, pl. III, f. 19&20, 1959 (Amami-Oshima).
 Distr. Japan (Ryukyu Is.).
 subsp. *kawadai* (NOMURA, 1959) s. str. アマミヒメクロコガネ
Microtrichia kawadai NOMURA, Tōhō Gakuho (9):48-49, pl. III, f. 19&20, 1959 (Amami-Oshima).
 Distr. Japan (Amami-Oshima).
 subsp. *okinawaensis* NOMURA, 1977 オキナワヒメクロコガネ
Sophrops kawadai okinawaensis NOMURA, 1977, Tōhō Gakuho (27):77, fig. 1 (Okinawa Is.).
 Distr. Japan (Okinawa Is.).

Sophrops konishii NOMURA, 1970 ヤエヤマヒメクロコガネ
Sophrops konishii NOMURA, 1970, Ent. Rev. Japan (22):67, figs. 6a-b, pl. 5, f. 5 (Ishigaki Is. Iriomote Is.).
 Distr. Japan (Ryukyu Is.).
 subsp. *konishii* NOMURA, 1970, s. str. ヤエヤマヒメクロコガネ
Sophrops konishii NOMURA, 1970, Ent. Rev. Japan (22):67, fig. 6a-b, pl. 5, f. 5 (Ishigaki Is., Iriomote Is.).
 Distr. Japan (Ishigaki-jima, Iriomote-jima).
 subsp. *yonaguniensis* NOMURA, 1970 ヨナグニヒメクロコガネ
Sophrops konishii yonaguniensis NOMURA, 1970, Ent. Rev. Japan XXII, p. 68, fig. 6c-d (Yonaguni Is.).
 Distr. Japan (Yonaguni-jima).

Sophrops takatoshi T. ITO, 1989 ミヤコヒメクロコガネ
Sophrops takatoshi T. ITO, LAMELLICORNIA (5):9-10, Figs. 1, 2, 1989 (Miyakojima Is.).
 Distr. Japan (Miyako-jima Is.).

Genus *Hexataenius* FAIRMAIRE, 1891 ヒゲナガクロコガネ属
Hexataenius FAIRMAIRE, Ann. Soc. Ent. Belg., XXXV. p. IX, 1891.
 (type-species: *Hexataenius protensis* FAIRMAIRE, 1891)

Hexataenius protensis FAIRMAIRE, 1891 ヒゲナガクロコガネ
Hexataenius protensis FAIRMAIRE, 1891, Ann. Soc. Ent. Belg., XXXV, p. X (Chang Yang).
 Distr. Japan (Kyushu), China.

Genus *Brahmina* BLANCHARD, 1850 アカチャコガネ属
Brahmina BLANCHARD, 1850, Cat. Col. Ent. 1850, p. 140.
 (type-species: *Melolontha cylindrica* GYLLENHAL, 1817)
Rhizocolax MOTSCHULSKY, 1861, Schrenk's Reisen in Amurl. 2. p. 130.

Brahmina sakishimana NOMURA, 1965 サキシマアカチャコガネ
Brahmina sakishimana NOMURA, Entom. Rev. Japan 18(1):3-4, pl. 1, f. 4, 1965 (Iriomote Is.).
 Distr. Japan (Iriomote-jima).

Brahmina yasuii NOMURA, 1970 ビロウドアカチャコガネ
Brahmina yasuii NOMURA, Entom. Rev. Japan 22(2):68-69, pl. 6, f. 6, 1970 (Iriomote-jima).
 Distr. Japan (Iriomote-jima).

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

Heptophylla picea MOTSCHULSKY, 1857 ナガチャコガネ
Heptophylla picea MOTSCHULSKY, Etud. Ent. VI, 1857, p. 33 (Japan: Shimoda).
Heptophylla transversa MOTSCHULSKY, 1860, Etud. Ent. (9):15 (Japan).
Heptophylla picea maenarii NOMURA, 1969, Ent. Rev. Japan (21):73, 92.
Heptophylla picea f. *toshimana* NOMURA, 1969, Ent. Rev. Japan (21):72.
Heptophylla tosana MIYATAKE, 1963, Trans. Shikoku Ent. Soc. (8):23.
Heptophylla picea iriei KUSUI, 1971, Ent. rev. Japan (23):117.
 Distr. Japan (Hokkaido, Kurile Is., Honshu, Tobishima, Awashima, Izu-Oshima, Toshima,
 Nii-jima, Miyake-jima, Mikura-jima., Kyushu, Hirado-jima, Goto Is., Tsushima, Ko-
 shiki-jima, Yakushima), Korea.

Tribe LEUCOPHOLINI ケブカアカチャコガネ族

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)

Dasylepida ishigakiensis (Niiijima et Kinoshita, 1927) ケブカアカチャコガネ

Brahmina ishigakiensis Niiijima et Kinoshita, Res. Bull. Coll. Exp. Forest. Coll. Agr. Hokkaido Imp. Univ. Japan, IV, p. 23, 83, pl. 1, f. 18, pl. III, f. 2, 1927 (Ishigaki-jima).

Dasylepida nana ishigakiensis Nomura, Ent. Rev. Japan 22(2):62, 1970 (Ishigaki Is., Iriomote Is.)

Distr. Japan (Ishigaki-jima, Iriomote-jima).

Tribe MELOLONTHINI コフキコガネ族

Genus *Melolontha* Fabricius, 1775 コフキコガネ属
Melolontha Fabricius, 1775, Syst. Ent., p. 31.
 (type-species: *Scarabaeus melolontha* Linne, 1758)
Hoplosternus Guérin (emend), 1838, Voy. Favorite (Mag. Zool. 8), p. 63
Oplosternus.
 (type-species: *Melolontha nepalensis* Hope, 1831)

Melolontha frater Arrow, 1913 オオコフキコガネ

Melolontha frater Arrow, 1913, Ann. Mag. Nat. hist. (8);12, p. 400 (S. Japan; Nara, Kyoto, Kii-Wada, Kobe).

Distr. Japan, Taiwan, Korea, E. Siberia.

subsp. *frater* Arrow, 1913 s. str. オオコフキコガネ

Melolontha frater Arrow, 1913, Ann. Mag. Nat. hist. (8);12, p. 400 (S. Japan; Nara, Kyoto, Kii-Wada, Kobe).

Distr. Japan (Honshu, Sado, Izu Is.-Niiijima, Oshima, Shikine-jima, Kozu-jima., Shikoku, Kyushu, Goto Is., Iki, Yakushima).

Melolontha japonica Burmeister, 1855 コフキコガネ

Melolontha japonica Burmeister, Handb. Ent. IV, 2, 1855, p. 420 ♂ (Japan).

Hoplosternus japonicus Harold, Abh. Nat. ver. Bremen, IV, p. 291, 1875.

Hoplosternus Haroldi Moser, Deutsch Ent. Zeitschr. p. 290, 1913.

Melolontha japonica var. *gotenbaensis* Niiijima et Kinoshita, Res. Bull. Coll. Exp. Forest. Coll. Agr. Hokkaido Imp. Univ., Japan, II, p. 62, 1923.

Distr. Japan (Honshu, Sado, Izu Is.-Nii-jima, Kozu-jima, Miyako-jima, Shikoku, Kyushu, Iki, Tsushima).

Melolontha masafumii NOMURA, 1952 オキナワコフキコガネ

Melolontha masafumii NOMURA, Tōhō Gakuho (2):29, pl.1, f.4, pl.2, f.10, pl.3, f.L, 1952 (Ishigaki Is.).

Distr. Japan (Miyako-jima, Ishigaki-jima, Iriomote-jima).

Melolontha sartsumaensis NIJIMA et KINOSHITA, 1923 サツマコフキコガネ

Melolontha sartsumaensis NIJIMA et KINOSHITA, 1923, Res. Bull. Coll. Exp. Forest. Coll. Agr., Hokkaido Imp. Univ. Japan, Sapporo, II, 2, pp.62, 223, pl.2, fig.5, pl.4, f.19, pl.VII, f.13 (Kagoshima, Miyazaki, Kochi).

Distr. Japan.

subsp. *sartsumaensis* NIJIMA et KINOSHITA, 1923 s.str. サツマコフキコガネ

Melolontha sartsumaensis NIJIMA et KINOSHITA, Res. Bull. Coll. Exp. Forest. Coll. Agr., Hokkaido Imp. Univ. Japan, Sapporo, II, 2, pp.62, 223, pl. II, f.5, pl. IV, f.19, pl. VII, f.13, 1923 (Kagoshima, Miyazaki, Kochi).

Distr. Japan (Kyushu, Yakushima, Tanegashima).

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

Melolontha sartsumaensis shikokuana NOMURA, Tōhō Gakuho (27):78, fig.3,8&9, 1977 (Imabari).

Distr. Japan (Shikoku).

Melolontha tamina NOMURA, 1964 アマミコフキコガネ

Melolontha tamina NOMURA, Entom. Rev. Japan 16(2):54-55, pl.7, f.6~9, t. f.4, 1964 (Amami-Oshima).

Distr. Japan (Amami-Oshima, Tokuno-shima, Kikaiga-shima).

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

Tricholontha NOMURA, Tōhō Gakuho (2):26, 1952.

(type-species: *Tricholontha papagena* NOMURA, 1952)

Tricholontha papagena NOMURA, 1952 ケブカコフキコガネ

Tricholontha papagena NOMURA, Tōhō Gakuho (2):, pl. I, f.Q,R; pl. II, f. IV, pl. III, f.4, 1952 (Okinawa).

Distr. Japan (Okinawa Is., Tokuno-shima).

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

Polyphylla HARRIS, 1842, Rep. Ins. Massachusetts, p.30.

(type-species: *Scarabaeus fulvo* LINNE, 1758)

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

Subgenus *Gynexophylla* MEDVEDEV, 1951

Gynexophylla MEDVEDEV, 1951, Fauna SSSR, 10(1):86.

(type-species: *Polyphylla laticollis* LEWIS, 1887)

Polyphylla (Gynexophylla) laticollis LEWIS, 1887 ヒゲコガネ

Polyphylla laticollis LEWIS, Ent. Monthly Mag., 1887, p.231, ♂ (Sakami: between Fujisan and Yo-

kohama).

Distr. Japan, Korea, China.

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

Polyphylla laticollis LEWIS, Ent. Monthly Maf., 1887, p. 231, ♂ (Sakami: between Fujisan and Yokohama).

Distr. Japan (Honshu, Shikoku, Kyushu).

Subgenus *Granida* MOTSCHULSKY, 1861

Granida MOTSCHULSKY, 1861, Etud. ent., 10, p. 8.

(type-species: *Granida albolineata* MOTSCHULSKY, 1861)

Polyphylla (Granida) albolineata (MOTSCHULSKY, 1861) シロスジコガネ

Granida albolineata MOTSCHULSKY, Etud. Ent. X, p. 8, 1861 (Japan).

Distr. Japan (Hokkaido, Honshu, Sado, Izu Is.-Oshima, Nii-jima, Kozu-jima, Miyake-jima, Shikoku, Kyushu, Iki, Goto Is.).

Polyphylla (Granida) schoenfeldti BRENSKE, 1890 オキナワシロスジコガネ

Polyphylla schoenfeldti BRENSKE, Ent. Nachr., XIII, p. 198, 1890 (Liuliu Iseln: Oshima).

Distr. Japan (Takara-jima, Amami-Oshima, Tokuno-shima, Okinoerabu-jima, Yoron, Okinawa, Kume-jima, Kerama Is.).

Subfamily RUTELINAE スジコガネ亜科

Tribe ADORETINI コイチャコガネ族

Genus *Adoretus* LAPORTE, 1840 コイチャコガネ属

Adoretus LAPORTE, 1840, Hist. Nat. Col. 2:142.

(type-species: *Adoretus hirtellus* LAPORTE, 1840)

Subgenus *Adoretus* LAPORTE, 1840, s. str.

Adoretus (s. str.) *falciungulatus* NOMURA, 1965 シヤミセンコイチャコガネ

Adoretus (s. str.) *falciungulatus* NOMURA, Entom. Rev. Japan 18(1):6-7, pl. 1, f. 8 et 9, text f. 4~7, 1965 (Iriomote Is., Ishigaki Is.).

Distr. Japan (Iriomote Is., Ishigaki Is.).

Subgenus *Chaetaboretus* OHAUS, 1914

Chaetaboretus OHAUS, Deutsch Ent. Zeit. 1914, p. 475 u 492.

(type-species: *Adoretus timoriensis* OHAUS, 1914)

Adoretus (Chaetadoretus) formosanus OHAUS, 1914

Adoretus formosanus OHAUS, 1914, Dtsch. Ent. Zeit., 1914:503, f. 38.

Distr. Japan, Taiwan.

subsp. *sakishimanus* H. KOBAYASHI, 1982 サキシマコイチャコガネ

Adoretus (C.) formosanus sakishimmanus H. KOBAYASHI, New Entom. 31(3):53, 1982 (Loochoo Archipelago).

Distr. Japan (Ishigaki-jima, Iriomote-jima).

Subgenus *Lepadoretus* REITTER, 1903

Lepadoretus REITTER, Verh. Nat. Ver. Brunn., XLI. p. 30, 1903.

(type-species: *Adoretus tenuimaculatus* WATERHOUSE, 1875)

Adoretus (Lepadoretus) sinicus BURMEISTER, 1855 シナコイチャコガネ

Adoretus sinicus BURMEISTER, Handb. Ent. N(2):474, 1855.

Distr. Japan (Ishigaki-jima, Miyako-jima, Iriomote-jima, Hateruma-jima, Yonaguni-jima), Taiwan, China, Korea.

Adoretus (Lepadoretus) tenuimaculatus WATERHOUSE, 1875 コイチャコガネ

Adoretus tenuimaculatus WATERHOUSE, Trans. ent. Soc. London, 1875, p. 112 (Japan).

Distr. Japan (Honshu, Shikoku, Kyushu), Saisyu-to, Korea, Taiwan, China, Hawaii, Burma.

Tribe PARASTASSINI ヨツバコガネ族

Genus *Ohkubous* SAWADA, 1938 ヨツバコガネ属

Ohkubous SAWADA, Nippon no Kochu 2(2):73, 1938.

(type-species: *Ohkubous quadridentatus* SAWADA, 1938 = *Ohkubous ferrieri quadridentatus* SAWADA, 1938)

Ohkubous ferrieri (NONFRIED, 1895) ヨツバコガネ

Parastasia ferrieri NONFRIED, Berl. Ent. Zeit. 40, 1895, p. 289 (Ôshima).

Distr. Japan, Taiwan.

subsp. *boninensis* NAKANE, 1983 オガサワラヨツバコガネ

Ohkubous ferrieri boninensis NAKANE, 1983, Frag. Coleop. (35/37):142, fig. 9 (Chichijima, Hahajima).

Distr. Japan (Chichijima, Hahajima-Bonin Is.)

subsp. *ferrieri* (NONFRIED, 1895) アマミヨツバコガネ

Parastasia ferrieri NONFRIED, Berl. ent. Zeitschr. 40, p. 289, 1895 (Ôshima).

Distr. Japan (Amami-Oshima, Tokuno-shima).

subsp. *ichikawai* NAKANE, 1983 イズヨツバコガネ

Ohkubous ferrieri ichikawai NAKANE, 1983, Frag. Coleop. (35/37):142, fig. 11 (Mikurajima).

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

subsp. *quadridentatus* SAWADA, 1938 ヨツバコガネ

Ohkubous quadridentatus SAWADA, Nippon no Kochu 2(2):74, pl. IX, 1938 (Shikoku).

Distr. Japan (Hokkaido, Honshu, Shikoku, Okino-shima, Kochi Pref. Kyushu, Tsushima, Yakushima).

subsp. *sakishimana* NOMURA, 1965 サキシマヨツバコガネ

Parastasia ferrieri sakishimana NOMURA, Entom. Rev. Japan 18(1):4, 1965 (Ishigaki Is.).

Distr. Japan (Ishigaki Is.).

subsp. *tokarana* NOMURA, 1964 トカラヨツバコガネ

Paraserica ferrieri tokarana NOMURA, Entom. Rev. Japan 16(2):56-57, pl. 7, f. 11, 1964 (Tokara Is.).

Distr. Japan (Nakanoshima-Tokara Is.).

Genus *Parastasia* WESTWOOD, 1841 オオヨツバコガネ属

Parastasia WESTWOOD, Ann. Mag. Nat. Hist. VII, 1841, p. 204.

(type-species: *Parastasia canaliculata* WESTWOOD, 1841)

Parastasia oberthüri OHAUS, 1900 オオヨツバコガネ

Parastasia oberthüri OHAUS, Deut. Ent. Zeit., 1900, p. 245 (Tonkin; Bao-Loc.).

Distr. Japan, Taiwan, Indochina Pen.

subsp. *ishigakiana* NOMURA, 1964 オオヨツバコガネ

Parastasia oberthüri ishigakiana NOMURA, Entom. Rev. Japan 16(2):55-56, pl. 7, f. 10, 1964 (Ishigaki Is.).

Distr. Japan (Ishigaki-jima).

Tribe ANOMALINI スジコガネ族

Genus *Popillia* SERVILLE, 1825 マメコガネ属

Popillia SERVILLE, Encycl. méth. X, 1825, p. 367.

(type-species: *Trichius bipunctatus* FABRICIUS, 1787)

Popillia insularis LEWIS, 1895 ツキガタマメコガネ

Popillia insularis LEWIS, Ann. Mag. Nat. Hist. (6)XVI, p. 403, 1895 (Loo-Choo).

Popillia circumcinota KRAATZ, Deutsch Ent. Zeitschr. 2, p. 327, 1897.

Popillia comma NIJIMA et KINOSHITA, Res. Bull. Coll. Exp. Forest, Coll. Agr. Hokkaido Imp. Univ. Japan 2(2):139, 228, pl. i, f. 9, 1923 (Formosa).

Distr. Japan (Amami-Oshima, Tokunoshima, Okinawa, Miyako-jima, Iriomoe-jima).

Popillia japonica NEWMAN, 1838 マメコガネ

Popillia japonica NEWMAN, Ann. Mag. Nat. Hist. (2)II:337, 1838 (Japan).

Distr. Japan (Hokkaido, Honshu, Shikoku, Kyushu, Tsushima, Goto Is. Yakushima), N. China, N. America.

Popillia lewisi ARROW, 1913 オキナワマメコガネ

Popillia lewisi ARROW, Ann. Mag. Nat. Hist. 8, XII, p. 45, 1913 (Okinawa Is.).

Distr. Japan (Amami-Oshima, Okinawa Is.).

Genus *Proagopertha* REITTER, 1903 ナラノチャイロコガネ属

Proagopertha REITTER, Verh. Nat. Ver. Brünn, XLI, p. 50, 1903.

(type-species: *Anomala lucidula* FALDERMANN, 1835)

Proagopertha ohbayashii NOMURA, 1965 フタモンコガネ

Proagopertha ohbayashii NOMURA, Entom. Rev. Japan 18(1):6-7, pl. 1, f. 5, 6, text fig. 1-3, 1965 (Okinawa Is.).

Distr. Japan (Okinawa Is.).

Proagopertha pubicollis (WATERHOUSE, 1875) ナラノチャイロコガネ

Anomala pubicollis WATERHOUSE, Trans. ent. Soc. London, 1875, p. 111 (Nagasaki, Hiogo).

Distr. Japan (Honshu, Shikoku, Kyushu).

Genus *Phyllopertha* STEPHENS, 1830 ウスチャコガネ属

Phyllopertha STEPHENS, Ill. Brit. Ent. Mandib. III, p. 223, 1830.

(type-species: *Scarabaeus horticola* LINNÉ, 1758)

Phyllopertha diversa WATERHOUSE, 1875 ウスチャコガネ

Phyllopertha diversa WATERHOUSE, Trans. ent. Soc. London, 1875, p. 106, pl. III, f. 5 (Nagasaki).

Phyllopertha maculicollis REITTER 1803, Verh. naturw. Ver. Brünn. 41, p. 84.

Phyllopertha diversa koreana OHAUS, 1915, Stett. ent. Ztg., 76, p. 325?.

Distr. Japan (Honshu, Shikoku, Kyushu), Quelpart Is.

Phyllopertha intermixta (ARROW, 1913) アオウスチャコガネ

Anomala intermixta ARROW, Ann. Mag. Nat. Hist. (8)XII, 1913, p. 396 (Nikko, Sapporo, Chuzenji).

Phyllopertha fuscate NIJIMA et KINOSHITA, Res. Bull. Coll. Exp. Forest, Coll. Agr., Hokkaido

Imp. Univ., Sapporo, II, 2, 1923, pp. 129, 227.

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

Phyllopertha irregularis WATERHOUSE, 1875 キスジコガネ

Phyllopertha irregularis WATERHOUSE, Trans. ent. Soc. London, 1875, p. 107, pl. III, f. 4, (Nagasaki, Kawachi).

Distr. Japan (Honshu, Shikoku, Kyushu).

Genus *Blitopertha* REITTER, 1903 セマダラコガネ属

Blitopertha REITTER, Verh. Nat. Ver. Brünn, XLI, p. 85, 113.

(type-species: *Melolontha lineata* FABRICIUS, 1798)

Blitopertha conspurcata (HAROLD, 1878) カタモンコガネ

Phyllopertha conspurcata HAROLD, Deut. Ent. Zeit., XXII, 1878, p. 71.

Phyllopertha kiotoensis NIJIMA et KINOSHITA (female), Res. Bull. Coll. Exp. Forest Coll. Agr.,

Hokkaido Imp. Univ., Sapporo II, 2, 1933, pp.126,226.

Distr. Japan (Hokkaido, Honshu, Shikoku, Kyushu), Korea, Manchuria, China, Siberia.

Blitopertha ohdaiensis (SAWADA, 1941) オオダイセマダラコガネ

Phyllopertha ohdaiensis SAWADA, Nippon no Kochu 4(1):49-50, pl. II, f.5,20, pl. III, f.1,2, pl. V, f.7, 1941 (Ohdaigahara).

Distr. Japan (Honshu, Shikoku, Kyushu).

Blitopertha okinawaensis (OHAUS, 1925) オキナワセマダラコガネ

Phyllopertha okinawaensis OHAUS, Archiv. f. Naturg. XCI, p.130, 1925.

Distr. Japan (Okinawa Is.).

Blitopertha orientalis (WATERHOUSE, 1875) セマダラコガネ

Phyllopertha orientalis WATERHOUSE, Trans. ent. Soc. London, 1875, p.108 (Kawachi, Nagasaki, Hakodate).

Phyllopertha xanthogastra HAROLD, Mitt. Münch. Ent. Ver. V, p.90, 1881.

Phyllopertha tanbaensis NIIJIMA et KINOSHITA, Res. Bull. Coll. Exp. Forest, Coll. Agr. Hokkaido Imp. Univ. Sapporo II (2):128,225, Taf. VI, f.21, 1923.

Distr. Japan (Hokkaido, Honshu, Sado, Nii-jima, Shikine, Kozu, Hachijyo, Torishima, Izu Is., Shikoku, Kyushu, Tsushima, Yakushima), Korea, E.Siberia, Manchuria, Hawaii, N.America (New Jersey).

Genus *Mimela* KIRBY, 1825 コガネムシ属

Mimela KIRBY, 1825, Trans. Linn. Soc. London, 14:101.

(type-species: *Mimela chinensis* KIRBY, 1825)

Mimela difficilis (WATERHOUSE, 1875) ツヤスジコガネ

Anomala difficilis WATERHOUSE, Trans. ent. Soc. London, p.11, 1875 (Japan).

Anomala difficilis var. *cuprea* OHAUS, Stett. Ent. Zeit., LXXVI, p.321, 1915.

Anomala lenzi OHAUS, Stett. Ent. Zeit., LXXVI, p.323, 1915.

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Distr. Japan (Hokkaido, Honshu, Shikoku, Kyushu), Kuriles.

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Distr. Japan (Iriomote-jima).

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Distr. Japan (Ishigaki-jima).

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(type-species: *Scarabaeus dubia* SCOPOLI, 1763)

Anomala albopilosa (HOPE, 1839) アオドウガネ

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Distr. Japan, Taiwan, Korea, Saisyu-to.

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Distr. Japan (Danjo Is., Amami-Oshima, Tokunoshima, Tokara Is.-Kuchinoshima, Nakano-shima, Takarajima, Suwanose-jima, Akuseki-jima), Kakeroma-jima.

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Distr. Japan (Ishigaki Is., Iriomote Is., Miyako Is., Hateruma Is., Irabu Is., Shimoji Is.).

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Distr. Japan (Yoronto, Okinoerabu, Okinawa-jima, Kume-jima).

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Distr. Japan (Yonaguni Is.).

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Distr. Japan (Hokkaido, Honshu, Shikoku, Kyushu, Thushima, Yakushima).

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Distr. Japan.

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Distr. Japan (Tokara Is.).

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Distr. Japan (Hokkaido, Honshu, Sado Is., Shikoku, Kyushu, Tanegashima, Yakushima),
S. Saghalien, Kuriles, Korea, Manchuria, Ussurie.

Anomala daimiana HAROLD, 1877 サクラコガネ

Anomala daimiana HAROLD, Deut. Ent. Zeit. XXI, 1877, p. 354.

Distr. Japan (Hokkaido, Honshu, Izu-Oshima, Shikoku, Kyushu), Korea, China.

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Distr. Japan, Taiwan, China, Indochina Pen.

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Anomala edentula amamiana NOMURA, Tōhō Gakuho (12):39, pl. 1, f. 7, 1962 (Yuwan, Amami-Oshima).

Distr. Japan (Amami-Oshima).

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Anomala edentula okinawana NOMURA, Entom. Rev. Japan, 18(1):6, 1965 (Okinawa Is., Kumejima Is.).

Distr. Japan (Okinawa Is. Kumejima Is.).

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Distr. Japan (Ishigaki Is., Yonaguni Is., Iriomote Is.).

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Distr. Japan (Hokkaido, Honshu, Sado-Is., Oshima, Kozu-jima, Miyake-jima-Izu Is., Shikoku, Kyushu, Amami-Oshima), Korea, China.

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Melolontha holoserica FABRICIUS, Mant. Ins. I. 21, 1787 (Siberia).

Distr. Japan, Sahalin, Korea, E. Siberia.

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Distr. Japan (Hokkaido, Honshu, Sado, Shikoku, Kyushu).

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Distr. Japan (Tokara Is.-Yokoate-jima).

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Distr. Japan (Honshu, Tobishima, Sado, Izu Is.-Oshima, Toshima, Nii-jima, Shikine-jima, Kozu-jima, Miyake-jima, Hachijyo-jima, Hachijyo-kojima, Awogashima, Shikoku, Kyushu, Goto Is., Danjyo Is., Hekura-jima, Ogasawara Is.).

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Distr. Japan, Taiwan.

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Distr. Japan (Ishigaki Is., Iriomote Is.).

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Sapporo Japan 2(2):105, 225, Taf. I, f. 8, Taf. VII, f. 11.

Distr. Japan (Hokkaido, Honshu, Sado, Shikoku, Kyushu, Yakushima), S. Kuril.

Anomala miyakona NOMURA, 1977 ミヤコドウガネ*Anomala miyakona* NOMURA, Tōhō Gakuho (27):79, f. 14, 1977 (Miyako-jima).

Distr. Japan (Miyako-jima).

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Distr. Japan (Hokkaido, Kyushu), Korea, Manchuko, Mongolia, Amur, Samarukando, E. Siberia.

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Distr. Japan (Ishigaki Is., Iriomote Is.).

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Distr. Japan (Honshu, Kyushu, Yakushima).

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Distr. Japan (Senkaku Is.), Taiwan, Korea.

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Heteroplia multistriata MOTSCHULSKY, Etudes Ent. 10, p.7, 1861.

Distr. Japan (Hokkaido, Honshu, Miyake-jima, Shikoku, Kyushu, Tsushima, Ishigaki-jima).

Anomala rufocuprea (MOTSCHULSKY, 1860) ヒメコガネ

Anomala rufocuprea MOTSCHULSKY, Etud. Ent., IX, p.14, 1860 (Japan).

Anomala motschulski HAROLD, 1877, Deutsche ent. Zeitschr. 21, p.351.

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Anomala motschulski var. *violacea* OHAUS, 1915, Stett. ent. Ztg., 76, p.321.

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Distr. Japan (Hokkaido, Honshu, Oshima, Toshima, Nii-jima, Kozu, Shikine, Miyake, Mikura-Izu Is., Shikoku, Kyushu, Tsushima, Goto Is., Yakushima, Tokara Is.), Kuriles, Saisyu-to, Korea.

Anomala schoenfeldti OHAUS, 1915 チビサクラコガネ

Anomala schoenfeldti OHAUS, Stett. Ent. Zeit, LXXVI, p.322, 1915.

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Distr. Japan (Honshu, Kyushu, Izu Is.-Oshima, Shikine-jima, Miyake-jima, Mikura-jima, Kozu-jima, Yakushima), Korea.

Anomala shirakii NOMURA, 1959 キベリアオドウガネ

Anomala shirakii NOMURA, Tōhō Gakuho (9):49-50, pl. III, f.21,22, 1959 (Iriomote Is.).

Distr. Japan (Iriomote Is., Ishigaki Is., Taketomi-jima).

Anomala sieversi HEYDEN, 1887 チョウセンヒラタアオコガネ

Anomala sieversi HEYDEN, Horae Soc. Ent. Ross., XXI, 1887, p.266.

Distr. Japan (Tsushima?), Qulepart Is., Korea, S. Manchuria, China.

Anomala testaceipes (MOTSCHULSKY, 1860) スジコガネ

Rhomobonyx testaceipes MOTSCHULSKY, Etud. Ent. IX, p.14, 1860 (Japan).

Mimela (Paramimela) testaceipes var. *ochrochalcon* OHAUS, 1915, Stett. ent. Ztg., 76, p.91.

Mimela (Paramimela) testaceipes var. *ochroptera* OHAUS, 1915, Stett. ent. Ztg., 76, p.91.

Mimela (Paramimela) testaceipes var. *anocypria* OHAUS, 1915, Stett. ent. Ztg., 76, p.92.

Mimela (Paramimela) testaceipes var. *cyprionoptera* OHAUS, 1915, Stett. ent. Ztg., 76, p.92.

Distr. Japan (Hokkaido, Honshu, Sado, Izu Is.-Oshima, Nii-jima, Toshima, Shikine-jima,

Kozu-jima, Shikoku, Kyushu, Goto, Hirato, Iki, Tsushima, Yakushima, Tokara), Saghalin, Korea, China, E. Siberia.

subsp. *yusai* NOMURA, 1969

Anomala testaceipes yusai NOMURA, Entom. Rev. Japan 21(2):73, 1969 (Miyake-jima, Mikura-jima, Izu-Is.).

Distr. Japan (Miyake-jima, Mikura-jima).

Anomala triangularis SCHÖENFELDT, 1890 サンカクスジコガネ

Anomala triangularis SCHÖENFELDT, Ent. Nachr. XVI, 11, 1890, p. 171 (Oshima).

Distr. Japan.

subsp. *kyushuensis* NOMURA, 1964 キュウシュウスジコガネ

Anomala triangularis kyushuensis NOMURA, Tōhō Gakuho (14):68, 1964 (Ohsumi).

Distr. Japan (Kyushu, Hekura-jima).

subsp. *triangularis* SCHÖENFELDT, 1890 サンカクスジコガネ

Anomala triangularis SCHÖENFELDT, Ent. Nachr., XVI, 11, 1890, p. 171 (Oshima).

Distr. Japan (Tanegashima, Tokara Is.-Akuseki-jima, Takara-jima, Nakano-shima, Amami-Oshima, Tokunoshima, Okinoerabu-jima, Yoronoto, Okinawa).

Anomala xanthopleura ARROW, 1913 リュウキュウドウガネ

Anomala xanthopleura ARROW, Ann. Mag. Nat. Hist. (8)XII, p. 402, 1913 (Loo-Choo).

Distr. Japan (Amami-Oshima, Okinawa Is. Ishigaki-jima, Kume-jima).

Subfamily DYNASTINAE カブトムシ亜科

Tribe DYNASTINI カブトムシ族

Genus *Allomyrina* ARROW, 1911 カブトムシ属

Allomyrina ARROW, Ann. Mag. Nat. Hist. (8) XII, p. 153, 1911.

(type-species: *Scarabaeus dichotomus* LINNÉ, 1771)

Allomyrina dichotoma (LINNÉ, 1771) カブトムシ

Scarabaeus dichotomus LINNÉ, Mant. Plant. VI, p. 529, 1771.

Distr. Japan, Taiwan, Korea, China, Indochina.

subsp. *inchachina* KUSUI, 1976 クメジマカブトムシ

Allomyrina dichotoma inchachina KUSUI, Entom. Rev. Japan, 29(1/2):52-53, pl. 5, 1976 (Kume-jima).

Distr. Japan (Kume-jima).

subsp. *septentrionalis* (KONO, 1931) カブトムシ

Trypoxylus dichotomus LINNÉ, var. *septentrionalis* KONO, Ins. Mats., V, p. 160, t. 3, f. 5, 1931 (Honshu-Iwate).

Allomyrina dichotoma septentrionalis, KUROSAWA, Coleop. Jap. Col. II, pl. 76, f. 1, p. 417, 1985.

Distr. Japan (Hokkaido, Honshu, Shikoku, Kyushu, Tsushima, Tanegashima, Yakushima, Kuchinoerabu-jima), Korea, N. China, Indo-China.

subsp. *takarai* KUSUI, 1976 オキナワカブトムシ

Allomyrina dichotoma takarai KUSUI, Entom. Rev. Japan 29(1/2):52, pl.5, 1976 (Okinawa Is.).
Distr. Japan (Okinawa Is.).

Tribe ORYCTINI サイカブトムシ族

Genus *Oryctes* ILLIGER, 1798 サイカブトムシ属
Oryctes ILLIGER, Käfer Prausseus, p.11, 1798.
(type-species: *Scarabaeus nasicornis* LINNÉ, 1758)

Oryctes rhinoceros (LINNÉ, 1758) サイカブトムシ

Scarabaeus rhinoceros LINNÉ, Syst. Nat. p.346, 1858.

Distr. Japan (Yonaguni Is., Ishigaki Is.), Korea, China, Taiwan, Indo-China, Siam,
Buruma, India, Malay, Philippine, Sumatora, Java, Celebes, Ceram, Amboyna.

Genus *Eophileurus* ARROW, 1908 コカブトムシ属
Eophileurus ARROW, Trans. ent. soc. London, p.332, 1908.
(type-species: *Geotrupes planatus* WIEDEMANN, 1823)

Eophileurus chinensis (FALDERMANN, 1835) コカブトムシ

Phileurus chinensis FALDERMANN, Mém. Acad. Petr. ii, 1835, p.370.

Trionychus poteli FAIRMAIRE, 1898, Ann. Soc. ent. France, 1898, p.384.

Distr. Japan (Hokkaido, Honshu, Tobishima, Sado, Izu Is., -Oshima, Toshima, Nii-jima, Ko-
zu-jima, Miyake-jima, Mikura-jima, Shikoku, Kyushu), Saisyu-to, Korea, Taiwan,
Burma, Ussurie, China.

subsp. *irregularis* PRELL, 1913 コカブトムシ

Eophileurus chinensis var. *irregularis* PRELL. Suppl. Ent. ii, 1913, p.23.

Distr. Japan (Amami-Oshima).

subsp. *okinawanus* NOMURA, 1964 オキナワコカブトムシ

Eophileurus chinensis okinawanus NOMURA, Ent. Rev. Japan, 16(2):57, pl.8, f.12, 1964 (Okinawa
Is., Iriomote Is.).

Distr. Japan (Okinawa Is., Iriomote Is.).

Tribe PENTODONTINI クロマルコガネ族

Genus *Alissonotum* ARROW, 1908 クロマルコガネ属
Alissonotum ARROW, Trans. ent. Soc. London, p.332, 1908.
(type-species: *Geotrupes piceus* FABRICIUS, 1775).

Alissonotum pauper (BURMEISTER, 1847) クロマルコガネ

Heteronychus pauper BURMEISTER, Handb. Ent. V, p.94, 1847 (Philippines).

Distr. Japan (Okino erabu Is., Tokara Is.), Taiwan, China, Philippines, Indo-China.

Subfamily EUCHIRINAE テナゴコガネ亜科

Genus *Cheirotonus* HOPE, 1841 テナゴコガネ属

Cheirotonus HOPE, 1841, Trans. Linn. Soc. (17), p. 594.

(type-species: *Cheirotonus macleayi* HOPE, 1841)

Cheirotonus jambar Y. KUROSAWA, 1984 ヤンバルテナゴコガネ

Cheirotonus jambar Y. KUROSAWA, Bull. Natn. Sci. Mus. Tokyo, Ser. A. 10(2):73-78, Fig. 1-3, 1984 (N. Okinawa Is.).

Distr. Japan (N. Okinawa Is.).

Subfamily CETONIINAE ハナムグリ亜科

Tribe HETERORRHININI カナブン族

Genus *Cosmiomorpha* SAUNDERS, 1852 チャイロカナブン属

Cosmiomorpha SAUNDERS, 1852, Trans. ent. Soc. London (n. s.) II, p. 28.

(type-species: *Cosmiomorpha modesta* SAUNDERS, 1852)

Subgenus *Microcosmiomorpha* MIKŠIĆ

Microcosmiomorpha MIKŠIĆ, 1974, Rev. suis Zool. LXXXI. 4, p. 770.

(type-species: *Cosmiomorpha setulosa* WESTWOOD, 1854).

Cosmiomorpha (*Microcosmiomorpha*) *similis* FAIRMAIRE, 1899 チャイロカナブン

Cosmiomorpha similis FAIRMAIRE, Ann. Soc. Ent. Fr. LXVI, p. 621, 1899.

Distr. Japan, Taiwan.

subsp. *nigra* NIJIMA et KINOSHITA, 1927 チャイロカナブン

Cosmiomorpha similis FAIRMAIRE var. *nigra* NIJIMA et KINOSHITA, Res. Bull. Coll. Exp. Forest Coll. Agr. Hokkaido Imp. Univ. Japan IV:69, 1927 (Ishigaki-jima).

Distr. Japan (Ishigaki-jima, Iriomote-jima, Obama-jima).

subsp. *miyakoana* NOMURA, 1964 ミヤコチャイロカナブン

Cosmiomorpha similis miyakoana NOMURA, Tōhō Gakuho (14):70, 1964 (Miyako Is.).

Distr. Japan (Miyako-jima, Irabu-jima).

subsp. *yonakuniana* NOMURA, 1964 ヨナクニチャイロカナブン

Cosmiomorpha similis yonakuniana NOMURA, Ent. Rev. Japan 16(2):57, pl. 8, f. 13, 1864 (Yonakuni Is.).

Distr. Japan (Yonaguni-jima).

Genus *Rhomborrhina* HOPE, 1837 アオカナブン属
Rhomborrhina HOPE, 1837, Coleop. Man. I, p. 201.
 (type-species: *Cetonia resplendens* SWARTZ, 1817)

Rhomborrhina hamai NOMURA, 1964 イシガキアオカナブン
Rhomborrhina hamai NOMURA, Ent. Rev. Japan 16(2):57-58, pl.8, f.15, 1964 (Ishigaki Is.).
 Distr. Japan (Ishigaki Is., Iriomote Is.).

Rhomborrhina polita WATERHOUSE, 1875 クロカナブン
Rhomborrhina polita WATERHOUSE, Trans. ent. Soc. London, p.113, 1875 (Yokohama).
 Distr. Japan (Honshu, Sado, Izu-Nijima, Shikoku, Kyushu, Hekurajima, Tanegashima, Yakushima).

Rhomborrhina unicolor MOTSCHULSKY, 1861 アオカナブン
Rhomborrhina unicolor MOTSCHULSKY, Etud. Ent., X, p.8, 1861.
 Distr. Japan (Hokkaido, Honshu, Sado Is., Shikoku, Kyushu, Hirato-jima, Goto Is., Tsushima, Tokunoshima), Korea.

Genus *Pseudotorynorrhina* MIKŠIĆ, 1967 カナブン属
Pseudotorynorrhina MIKŠIĆ, Entom. Abhand. Staat. Mus. Tierk. Dresden 35(3), p.309, 1967.
 (type-species: *Rhomborrhina japonica* HOPE, 1841)

Pseudotorynorrhina japonica (HOPE, 1841) カナブン
Rhomborrhina japonica HOPE, Trans. ent. Soc. London, 1841, p.64 (Japan).
Rhomborrhina ignita NONFRIED, Deut. Ent. Zeit., p.90, 1890.
Rhomborrhina japonica var. *clypeata* BURMEISTER, Handb. Ent. III, p.199, 780, 1842.
Rhomborrhina glauca THOMSON, Typi Cet., p.9, 1878.
Rhomborrhina squaligera THOMSON, Typi Cet., p.9, 1878.
 Distr. Japan (Honshu, Sado Is., Izu Is.-Nii-jima, Kozu-jima, Oshima, Shikoku, Kyushu, Yakushima), Saisyuto, Korea.

Tribe DIPLOGNATHINI マダラハナムグリ族

Genus *Anthracophora* BURMEISTER, 1842 マダラハナムグリ属
Anthracophora BURMEISTER, 1842, Handb. Entom. III, p.623
 (type-species: *Anthracophora rusticola* BURMEISTER 1842).

Anthracophora rusticola BURMEISTER, 1842 アカマダラハナムグリ
Anthracophora rusticola BURMEISTER, Handb. Ent. III, p.624, 1842.
 Distr. Japan (Honshu, Sado, Shikoku, Kyushu, Yakushima).

Tribe CETONIINI ハナムグリ族

Genus *Glycyphana* BURMEISTER, 1842 クロハナムグリ属
Glycyphana BURMEISTER, Handb. Ent. III, p. 346, 1842.
 (type-species: *Cetonia festiva* FABRICIUS, 1792).

Glycyphana fulvistemma MOTSCHULSKY, 1860 クロハナムグリ

Glycyphana fulvistemma MOTSCHULSKY, in Schrenk's Reise Amurländer, p. 135, 1860.

Euryomia sieboldi SNELLEN VAN VOLLENHOVEN, 1864, Tijdschr. Ent., 7, p. 158.

Glycyphana fulvistemma ab. *nagoyanus* TAKAGI, 1936, Insect World Gifu 40(467):256.

Distr. Japan (Hokaido, Honshu, Shikoku, Kyushu, Tsushima), Saisyu-to, Korea, Mongolia, Dauria, Taiwan.

Glycyphana gracilis SAWADA, 1942 ホソコハナムグリ

Glycyphana gracilis SAWADA, Zool. Mag. 56(6):240-241, 1942.

Distr. Japan, Taiwan, Indochina Pen.

subsp. *viridis* SAWADA, 1942 ホソコハナムグリ

Glycyphana gracilis viridis SAWADA, Zool. Mag. 56(6):241-242, 1942 (Nara, Tosa, Kagoshima).

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

Genus *Cetonia* FABRICIUS, 1775 ハナムグリ属

Cetonia FABRICIUS, Syst. Ent. I, p. 52, 1775.

(type-species: *Scarabaeus auratus* LINNÉ)

Subgenus *Eucetonia* SCHOCH, 1894

Eucetonia SCHOCH, Mitth. Schweiz. Ent. IX, p. 211, 1894.

(type-species: *Glycyphana viridiopaca* MOTSCHULSKY, 1860)

Cetonia (Eucetonia) pilifera (MOTSCHULSKY, 1860) ハナムグリ

Glycyphana pilifera MOTSCHULSKY, Etud. Ent. 1860, p. 15.

Distr. Japan (Hokkaido, Honshu, Izu-Rishima, Okino-shima, Shikoku, Kyushu, Goto Is.), Saisyu-to.

subsp. *izuensis* NOMURA, 1969

Cetonia (Eucetonia) pilifera izuensis NOMURA, Entom. Rev. Japan 21(2):75, 1969 (Ôshima, Toshima, Niijima, Shikine-jima, Kozu-jima, Mikura-jima, Izu Is.).

Distr. Japan (Izu Is.).

Cetonia (Eucetonia) roelofsi HAROLD, 1880 アオハナムグリ

Cetonia roelofsi HAROLD, Bull. Soc. ent. Belg., 1880, p. 5.

Gametis aygyrostica BURMEISTER, 1842, Handb. Ent., 3, p. 360.

Cetonia roelofsi ab. *nitidula* REITTER, 1898, Verh. naturw. Ver. Brunn, 37, p. 55.

Cetonia roelofsi ab. *villifrons* REITTER, 1898, Verh. naturw. Ver. Brunn, 37, p. 55.

Cetonia bodymeyeri CURTI, Entom. Mitteil. IV, p. 20, 1915.

Cetonia roelofsi gotoana NAKANE, 1964, Akitu, Kyoto, 11(4):48.

- Distr. Japan (Hokkaido, Honshu, Shikku, Kyushu, Yakushima), S. Kurile Is.
 subsp. *ijima* K. SAKAI, 1996
Cetonia (Eucetonia) roelofsi iijimai K. SAKAI, Gekkan Mushi, (309):2, 10-11, pl.1, fig.1-4, 1996
 (Nishino-shima, Oki Is.).
 subsp. *tane* NAKANE, 1993
Cetonia roelofsi tane NAKANE, LAMELLICORNIA (9):2, 1993 (Is. Tanegashima).
 Distr. Japan (Tanegashima).

Genus *Protaetia* BURMEISTER, 1842 シロテンハナムグリ属
Protaetia BURMEISTER, 1842, Handb. Entom. III, p. 472.
 (type species: *Cetonia anovittata* CHEVROLAT, 1841)

Subgenus *Liocola* C. G. THOMSON, 1859
Liocola, C. G. THOMSON, 1859, Skand. Col. I, p. 77.
 (type-species: *Cetonia lugubris* HERBST, 1786).

- Protaetia (Liocola) brevitarsis* (LEWIS, 1879) シラホシハナムグリ
Cetonia brevitarsis LEWIS, 1879, Ann. Mag. Nat. Hist. (5)IV, p. 463.
 Distr. Japan, Korea, E. Siberia.
 subsp. *brevitarsis* (LEWIS, 1879) シラホシハナムグリ
Cetonia brevitarsis LEWIS, 1879, Ann. Mag. Nat. Hist. (5)IV, p. 463.
 Distr. Japan (Hokkaido, Honshu, Sado, Shikoku, Kyushu, Hekura-jima, Yakushima), S. Kurile.
 subsp. *seulensis* (KOLBE, 1886) チョウセンシラホシハナムグリ
Cetonia seulensis KOLBE, 1886, Arch. Naturgesch LII, p. 194, tab. 11, fig. 29.
 Distr. Japan (Tsushima), Korea, China, Siberia.

- Protaetia (Liocola) cataphracta* ARROW, 1913 ムラサキツヤハナムグリ
Protaetia cataphracta ARROW, 1913, Ann. Mag. Nat. Hist. (8)XI, p. 405.
 Distr. Japan (Hokkaido, Honshu, Tobishima, Sado, Izu Is.-Mikurajima, Shikou, Kyushu, Yakushima).

- Protaetia (Liocola) formosana* (MOSER, 1910) タイワンツヤハナムグリ
Liocola formosana MOSER, 1910, Ann. Soc. Ent. Belg. LIV, p. 357.
 Distr. Japan, Taiwan.
 subsp. *nozatoi* Y. MIYAKE, 1986 ヨナグニツヤハナムグリ
Protaetia formosana nozatoi Y. MIYAKE, 1986, LAMELLICORNIA (2):5 (Yonaguni Is.).
 Distr. Japan (Yonaguni Is.).

- Protaetia (Liocola) insperata* (LEWIS, 1879) ミヤマオオハナムグリ
Cetonia insperata LEWIS, 1879, Ann. Mag. Nat. Hist., (5)4, p. 463. (Yeso, Vries Island, Chuzenji, Nikko, Wada-toge).
 Distr. Japan (Hokkaido, Honshu, Kyushu).

- Protaetia (Liocola) miyakoensis* (NIIJIMA et KINOSHITA, 1923) ミヤコオオハナムグリ
Liocola miyakoensis NIIJIMA et KINOSHITA, Res. Bull. Coll. Exp. Forest. Coll. Agr. Hokkaido

Imp. Univ. II, 2, 1923, pp. 170, 233, Taf. II, f. 6, Taf. V, f. 14, Taf. VII, f. 17 (Miyako Is., Tosa in Shikoku).
Distr. Japan (Miyako-jima, Okinawa Is., Irabu-jima).

Subgenus *Tomentoprotactia* MIKŠIĆ, 1987

Tomentoprotactia MIKŠIĆ, Cetoninae der Pal. und Orient. Region (4):444-445, 1987.
(type-species: *Cetonia (Protactia) culta* WATERHOUSE, 1879).

Protactia (Tomentoprotactia) culta (WATERHOUSE, 1879) カバイロハナムグリ

Cetonia (Protactia) culta WATERHOUSE, 1879, Ann. Mag. Nat. Hist. (5)IV, p. 247.

Potosia grisea NIJIMA et KINOSHITA, 1923, Res. Bull. Coll. exp. Hokkaido Imp. Univ., II, p. 234.

Protactia culta yaeyamana NOMURA, 1965, Entom. Rev. Japan XVIII(1):9.

Distr. Japan (Ishigaki-jima, Iriomote-jima, Yonakuni-jima), Taiwan.

Subgenus *Potosia* MULSANT & REY, 1871

Cetonia subg. *Potosia* MULSANT & REY, 1871, Col. France Lamell. ed. 2, p. 669.
(type-species: *Cetonia cuprea* FABRICIUS, 1775, Syst. Ent. p. 48.)

Protactia (Potosia) exasperata (FAIRMAIRE, 1898) オオシマアオハナムグリ

Cetonia exasperata FAIRMAIRE, Ann. Soc. ent. France 67:386, 1898 (Oshima).

Distr. Japan.

subsp. *akitai* MASUMOTO et K. SAKAI, 1988 クメジマアオハナムグリ

Protactia exasperata akitai MASUMOTO et K. SAKAI, Gekkan Mushi (208):3-5, pl. 2, fig. 1-10, 1988
(Kumejima, Okinawa).

Distr. Japan (Kume-jima, Is. Okinawa).

subsp. *erabuana* NOMURA, 1964 クチノエラブアオハナムグリ

Protactia exasperata erabuana NOMURA, 1964, Entom. Rev. Japan 16(2):58, pl. 8, f. 16 (Kuchinoera-bu Is.).

Distr. Japan (Kuchinoerabu Is.).

subsp. *exasperata* (FAIRMAIRE, 1898) オオシマアオハナムグリ

Cetonia exasperata FAIRMAIRE, Ann. Soc. ent. France 67:386, 1898 (Oshima).

Distr. Japan (Amami-Oshima, Tokunoshima, Obaba-jima).

subsp. *iheyana* K. SAKAI, 1989 イヘヤアオハナムグリ

Protactia exasperata iheyana K. SAKAI, Gekkan Mushi (218):18-19, 1989 (Iheyajima Is.).

Distr. Japan (Iheya-jima).

subsp. *nakana* NAKANE, 1956 トカラアオハナムグリ

Protactia (Potosia) exasperata nakana NAKANE, Sci. Rep. Saikyo Univ. (Nat. Sci. Liv. Sci.).
2(2):61, 1956, pl. I, figs. 3, 5, II; pl. II, Fig. 7 (Nakanoshima).

Distr. Japan (Nakanoshima, Kuchinoshima).

f. *tsuzimotoi* NAKANE, 1956, Sci. Rep. Saikyo Univ. Kyoto (A)2(2):61.

subsp. *satoi* NAKANE, 1956 オキナワアオハナムグリ

Protactia (Potosia) exasperata satoi NAKANE, 1956, Sci. Rep. Saikyo Univ. (Nat & Liv. Sci) 2(2)A:
61, pl. I, Fig. 1, 4, pl. II, Fig. 8.

Distr. Japan (Okinawa, Tokashiki, Ishigaki, Iriomote Is.).

subsp. *suwanoseana* NOMURA, 1964 スワノセアオハナムグリ

Protaetia exasperata suwanoseana NOMURA, Tōhō Gakuho (14):69, 1964 (Suwanose-jima-Tokara Is.).

Distr. Japan (Suwanose Is., Akuseki Is.-Tokara Is.).

subsp. *uenoi* NOMURA, 1960 エラブアオハナムグリ

Protaetia exasperata uenoi NOMURA, 1960, Tōhō Gakuho (10):75 (Okinoerabu-jima).

Distr. Japan (Okinoerabu-jima).

Protaetia (Potosia) famelica (JANSON, 1879) シナハナムグリ

Cetonia famelica JANSON, 1879, Cist. Ent. II, p. 539.

Distr. Japan, Saishu-to, Korea, China, E. Siberia.

subsp. *amurensis* (HEYDEN, 1886) シナハナムグリ

Cetonia amurensis HEYDEN, 1886, Deutsche Entom. Zeitschr. XXX, p. 285.

Distr. Japan (Tsushima), Saishu-to, Korea, E. Siberia.

Subgenus *Heteroprotaetia* MIKŠIĆ, 1963

Protaetia subg. *Heteroprotaetia* MIKŠIĆ, 1963, Entom. Abhand. Staat. Mus. Tierk.

Dresden, XXIX, 4, p. 355.

(type-species: *Cetonia fusca* HERBST, 1790)

Protaetia (Heteroprotaetia) fusca (HERBST, 1790) ハイイロハナムグリ

Cetonia fusca HERBST, 1790, Natursyst. Kaf. III, p. 257, tab. 32, fig. 4.

Protaetia taiwana NIJIMA et KINOSHITA, 1923, Res. Bull. Coll. Exp. Forest, Coll. Agr. Hokkaido Imp. Univ., II, 2, pp. 176, 235, tab. II, fig. 4.

Distr. Japan (Ogasawara Is., Kimajima-Miyako Is., Irabu-jima), E. S. Asia, Micronesia.

Subgenus *Pseudocalopotosia* MIKŠIĆ, 1966

Protaetia subgenus *Pseudocalopotosia* MIKŠIĆ, 1966, Zeitschr. Arbeitsgemein. öster.

Entom. XVIII, 1, p. 6.

(type-species: *Cetonia ishigakia* FAIRMAIRE, 1898)

Protaetia (Pseudocalopotosia) ishigakia (FAIRMAIRE, 1898) イシガキシロテンハナムグリ

Cetonia ishigakia FAIRMAIRE, 1898, Bull. Soc. Ent. France, p. 14 (Ishigaki Is.).

Distr. Japan.

subsp. *ishigakia* (FAIRMAIRE, 1898) イシガキシロテンハナムグリ

Cetonia ishigakia FAIRMAIRE, Bull. Soc. Ent. France, 1898, p. 14 (Ishigaki Is.).

Protaetia ishigakia iriomoteana NOMURA, 1964, Entom. Rev. Japan 16(2):59, pl. 8, fig. 19.

Distr. Japan (Ishigaki-jima, Iriomote-jima, Hateruma-jima, Obama-jima).

subsp. *kikaiana* NAKANE, 1960 キカイシロテンハナムグリ

Protaetia ishigakia kikaiana NAKANE, 1960, Entom. Rev. Japan 12:6 (Kikaigashima).

Distr. Japan (Kikaigashima).

subsp. *miyakoana* Y. KUROSAWA, 1959 ミヤコシロテンハナムグリ

Protaetia ishigakia miyakoana Y. KUROSAWA, 1959, Bull. Nat. Sci. Mus. Tokyo 44:339, fig. 6 (Miyakojima).

Distr. Japan (Miyako-jima, Irabu-jima).

subsp. *okinawana* Y. KUROSAWA, 1959 オキナワシロテンハナムグリ

Protaetia ishigakia okinawana Y. KUROSAWA, 1959, Bull. Nat. Sci. Mus. Tokyo 44:339, fig. C. (Okinawa).

Distr. Japan (Okinawa-honto, Iejima, Yoronoto, Okinoerabujima, Irabujima).

subsp. *yonakuniana* NOMURA, 1964 ヨナクニシロテンハナムグリ

Protaetia ishigakia yonakuniana NOMURA, 1964, Entom. Rev. Japan 16(2):59, pl. 8, fig. 20 (Yonakuni Is.).

Distr. Japan (Yonaguni-jima).

Subgenus *Calopototia* REITTER, 1898

Potosia Calopototia REITTER, 1898, Best. Tab. XXXVII, p. 49.

(type-species: *Cetonia orientalis* GORY-PERCHERON, 1833)

Protaetia (Calopototia) lewisi (JANSON, 1888) リュウキュウオオハナムグリ

Cetonia lewisi JANSON, 1888, Ann. Mag. Nat. Hist. (6) I, p. 194.

Distr. Japan.

subsp. *leachi* Y. KUROSAWA, 1959 アマミオオハナムグリ

Protaetia lewisi leachi Y. KUROSAWA, 1959, Bull. Nat. Sci. Mus. Tokyo 44:337, fig. f. (Amami-Oshima).

Distr. Japan (Amami-Oshima, Tokuno-shima).

subsp. *lewisi* (JANSON, 1888) リュウキュウオオハナムグリ

Cetonia lewisi JANSON, Ann. Mag. Nat. Hist. (6) I, 1888, p. 194 (Loo-Choo).

Distr. Japan (Okinawa-honto, Kume-jima, Miyako-jima, Ishigaki-jima, Iriomote-jima, Iheya-jima).

Protaetia (Calopototia) orientalis (GORY-PERCHERON, 1833) シロテンハナムグリ

Cetonia orientalis GORY-PERCHERON, 1833, Mon. Ceton., p. 193, tab. 34, fig. 6.

Cetonia aerata ERICHSON, 1834, Nova Acta Halle, XVI, p. 240.

Distr. Japan, Taiwan, China, Himalaya, N. India, Guamu Is.

subsp. *submarmorea* (BURMEISTER, 1842) シロテンハナムグリ

Cetonia submarmorea BURMEISTER, 1842, Hand. Entom. III, p. 460.

Distr. Japan (Hokkaido, Honshu, Tobishima, Awashima, Sado, Izu Is.-Oshima, Hachijyo-Kojima, Hachijyo-jima., Shikoku, Kochi-Okinoshima, Kyushu, Hirato-jima, Danjyo-Gunto, Goto Is., Iki, Tsushima, Hekura-jima, Yakushima, Kuchinoerabu-jima, Amami-Oshima, Okinawa Is., Miyako-jima, Ishigaki-jima), Taiwan.

subsp. *tokarana* NOMURA, 1964 トカラシロテンハナムグリ

Protaetia orientalis tokarana NOMURA, 1964, Ent. Rev. Japan, XVI, 2, p. 59, tab. 8, fig. 17.

Distr. Japan (Tokara-Kuchinoshima, Nakanoshima).

Subgenus *Niponoprotaetia* MIKŠIĆ, 1966

Protaetia subg. *Niponoprotaetia* MIKŠIĆ, 1966, Arbeitsgemein. österr. Entom. XVII, 1, p. 66.

(type-species: *Cetonia lenzi* HAROLD, 1876)

Protaetia (Niponoprotaetia) lenzi (HAROLD, 1876) レンツアオハナムグリ

Cetonia lenzi HAROLD, 1876, Abhand. Nat. Ver. Bremen, V, p. 128.

Protoetia hondana ARROW, 1913, Ann. Mag. Nat. Hist. (8):XI, 404.

Potosia nitidiscutellata NIJJIMA et KINOSHITA, 1923, Res. Bull. Coll. Exp. Forest Coll. Agr. Hokkaido Imp. Univ., II, 2, pp. 174, 234, taf. V, fig. 2.

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

Subgenus *Pyropotosia* REITTER, 1898

Pyropotosia REITTER, 1898, Best.-Taf. XXXVII, p. 45.

(type-species: *Potosia oschimana* NONFRIED, 1895)

Protoetia (*Pyropotosia*) *pryeri* (JANSON, 1888) リュキュウツヤハナムグリ

Cetonia pryeri JANSON, Mag. Nat. Hist. (6) I:195, 1888.

Distr. Japan.

subsp. *akuseikiana* NOMURA, 1964 アクセキツヤハナムグリ

Protoetia pryeri akuseikiana NOMURA, Tōhō Gakuho (14):68-69, pl. 1, f. 9, 1964 (Akuseki-jima).

Distr. Japan (Akuseki-jima-Tokara Is.).

subsp. *esakii* NAKANE, 1956 エサキツヤハナムグリ

Protoetia (*Pyropotosia*) *pryeri esakii* NAKANE, Bull. Osaka Munic. Museum. Nat. Hist. (7)7, pl. 1, f. 10, pl. II, f. 6, 1956 (Sata).

Distr. Japan (Sata-Kyushu, Takarajima, Yokoate-jima-Tokara Is.).

subsp. *nitidicosta* YAWATA, 1941 ミヤコツヤハナムグリ

Protoetia nitidicosta YAWATA, Kontyu 15(3):122, f. Ka, O. 1941 (Shuri in Okinawa).

Distr. Japan (Miyako-jima, Irabu-jima).

subsp. *oschimana* (NONFRIED, 1895) オオシマツヤハナムグリ

Potosia oschimana NONFRIED, 1895, Berliner Entom. Zeitschrift. XL, p. 293.

Pyropotosia pryeri obenbergeri BALTHASAR, 1929, Časop. Čsl. Spol. Entom. 6:5-6, p. 114.

Pyropotosia pryeri ab. *euchalcea* BALTHASAR, 1929, Acta Soc. ent. Čechoslov. 25, p. 115.

Distr. Japan (Hachijo-jima-Izu Is., Amami-Oshima, Tokunoshima, Kikaigashima).

subsp. *pryeri* (JANSON, 1888) リュキュウツヤハナムグリ

Cetonia pryeri JANSON, Ann. Mag. Nat. Hist. (6) I, p. 195.

Distr. Japan (Okinoerabu, Iheyajima, Ikinawa Is., Ishigaki-jima).

subsp. *tsutsuii* NAKANE, 1956 トカラツヤハナムグリ

Protoetia (*Pyropotosia*) *pryeri tsutsuii* NAKANE, Bull. Osaka Munic. Museum. Nat. Hist. (7):6-7, pl. 1, 9, pl. II, f. 5, 1956 (Nakanoshima-Tokara).

Distr. Japan (Kuchinoshima, Nakanoshima-Tokara Is.).

Genus *Gametis* BURMEISTER, 1842 コアオハナムグリ属

Gametis (pars A) BURMEISTER, 1842, Handb. Entom. III, p. 356, 358.

Oxyetonia ARROW, 1910, Fauna Brit. Ind. Lamell. I, p. 163.

(type-species: *Cetonia versicolor* FABRICIUS, 1775)

Gametis forticula (JANSON, 1881) アオヒメハナムグリ

Glycyphana forticula JANSON, Cist. Ent. II, 1881, p. 608 (Japan?).

Distr. Japan.

subsp. *forticula* (JANSON, 1881) アオヒメハナムグリ*Glycyphana forticula* JANSON, Cist. Ent. II, 1881, p. 608 (Japan?).

Distr. Japan (S. Honshu, Shikoku, Kyushu, Tsushima, Hekura-jima, Yakushima, Tokara Is. - Takarajima, Akuseki-jima, Nakanoshima, Amami-Oshima, Tokunoshima, Kikaigashima, Okinawa-to, Kume-jima).

subsp. *ishigakiana* NOMURA, 1959 イシガキヒメハナムグリ*Oxycetonia jucunda ishigakiana* NOMURA, Tōhō Gakuho (9):52, pl. III, f. 25, 1959 (Ishigaki Is.).

Distr. Japan (Obama-jima, Ishigaki-jima, Taketomi-jima, Iriomote-jima).

subsp. *miyakoana* NOMURA, 1959 ミヤコヒメハナムグリ*Oxycetonia jucunda miyakoana* NOMURA, Tōhō Gakuho (9):52, 1959 (Miyako Is., Irabu Is.).

Distr. Japan (Miyako-jima, Irabu-jima).

subsp. *yonakuniana* NOMURA, 1959 ヨナクニヒメハナムグリ*Oxycetonia jucunda yonakuniana* NOMURA, Tōhō Gakuho (9):52, pl. III, f. 26, 1959 (Yonakuni Is.).

Distr. Japan (Yonaguni-jima).

Gametis jucunda (FALDERMANN, 1835) コアオハナムグリ*Cetonia jucunda* FALDERMANN, Ned. Acad. Peterosburg. II, p. 386, pl. IV, f. 4, 5, 1835.*Gametis argyrosticta* BURMEISTER, Handb. Ent. III, p. 360, 1942.*Glycyphana albosetosa* MOTSCHULSKY, Et. Ent. X, p. 9, 1861.*Glycyphana dolens* KRAATZ, Deut. Ent. Zeit. XXIII, p. 236, 1879.*Gametis feruginosa* REITTER, Verh. Nat. Ver. Brunn. XXXVIII, p. 53, 1898.

Distr. Japan (Hokkaido, Honshu, Tobishima, Awashima, Sado, Izu Is.-Oshima, Toshima, Nii-jima, Shikine-jima, Kozu-jima, Miyake-jima, Hachijyo-jima, Aogashima, Shikoku, Kyushu, Hirato-jima, Goto Is., Iki, Tsushima, Kekura-jima, Tanegashima, Yakushima), Korea, China, Siberia, N. America.

Genus *Callinomes* WESTWOOD, 1874 ホソハナムグリ属*Callinomes* WESTWOOD, Thes. Ent. Oxon, 1874, p. 26.(type-species: *Callinomes vollenhovii* WESTWOOD, 1874)*Callinomes ishikawai* Y. KUROSAWA, 1973 チャイロホソハナムグリ*Callinomes ishikawai* Y. KUROSAWA, Mem. Nat. Sci. Museum (6):111-112, 1973 (Iriomotejima).

Distr. Japan (Iriomote-jima).

Genus *Coenochilus* SCHAUUM, 1841 スジホソハナムグリ属*Coenochilus* SCHAUUM in Germar Zeitschr. Ent. III, 1841, p. 250, 268.(type-species: *Cetonia maura* FABRICIUS, 1801)*Coenochilus striatus* WESTWOOD, 1874 スジホソハナムグリ*Coenochilus striatus* WESTWOOD, Thesaur. Oxon, 1874, p. 46, t. 13, f. 7, 7a-d (Hongkong).

Distr. Japan (Ishigaki Is., Iriomote Is.), Hongkong.

Subfamily TRICHINAE トラハナムグリ亜科

Tribe OSMODERMINI オオチャイロハナムグリ族

Genus *Osmoderma* SERVILLE, 1825 オオチャイロハナムグリ属
Osmoderma SERVILLE, Encycl. méth. X, p. 702, 1825.
 (type-species: *Scarabaeus eremitus* SCOPOLI, 1763)

Osmoderma opicum LEWIS, 1887 オオチャイロハナムグリ
Osmoderma opica LEWIS, Wiener Ent. Zeit. VI, p. 49, 1887 (Chiuzenji).
 Distr. Japan (Honshu, Shikoku, Kyushu, Hirato-jima, Yakushima).

Tribe TRICHINI トラハナムグリ族

Genus *Gnorimus* SERVILLE, 1825 アシナガハナムグリ属
Gnorimus SERVILLE, Encl. méth. X, p. 702, 1825.
 (type-species: *Scarabaeus nobilis* LINNÉ, 1758)

Gnorimus subopacus MOTSCHULSKY, 1860 イブシアシナガハナムグリ
Gnorimus subopacus MOTSCHULSKY, Schrenck Reise, 1860, p. 135, t. 9, f. 5 (Amur).
 Distr. Japan (Tsushima?), Korea, Manchuria, E. Siberia.
 subsp. *viridiopacus* (LEWIS, 1887) アオアシナガハナムグリ
Trichius viridiopacus LEWIS, Wien Ent. Zeit. 1887, p. 49 (Chiuzenji).
 Distr. Japan (Hokkaido, honshu, Kyushu, Tsushima), Kurile, Korea.

Genus *Trichius* FABRICIUS, 1792 トラハナムグリ属
Trichius FABRICIUS, Ent. Syst. I, 2, p. 118, 1792.
 (type-species: *Trichius fasciatus* LINNÉ, 1758)

Trichius japonicus JANSON, 1885 トラハナムグリ
Trichius japonicus JANSON, Cist. Ent. Pars. XXIX(3):152, 1885 (Japan).
 Distr. Japan (Hokkaido, Honshu, Kyushu, Shikoku).

Genus *Epitrichius* TAGAWA, 1941 ニセトラハナムグリ属
Epitrichius TAGAWA, Trans. Kyushu Ent. Soc. (3)1, p. 18, 1941.
 (type-species: *Trichius elegans* KANO, 1931)

Epitrichius lagopus (FAIRMAIRE, 1897) アマミニセトラハナムグリ
Trichius lagopus FAIRMAIRE, Bull. Soc. ent. France, 1897, p. 166 (Ôshima).
Trichius Ferriei, POUILLAUDE, Insecta, Rennes, III, 1913, p. 125 (Ôshima).

Distr. Japan (Amami-Oshima).

Genus *Lasiotrichius* REITTER, 1898 ヒメトラハナムグリ属
Lasiotrichius REITTER, 1898, Verh. Nat. Ver. Brunn, (37):101.
 (type-species: *Scarabaeus suceinthus* PALLAS, 1781)

Lasiotrichius succintus (PALLAS, 1781) ヒメトラハナムグリ

Scarabaeus succintus PALLAS, Icon. Ins. 1781, p. 18, Taf. I, p. 19.

Distr. Japan (Hokkaido, Honshu, Shikoku, Yakushima), Saisyu-to, Korea, Manchuria, E. Siberia, Askold Is.

Genus *Paratrichius* JANSON, 1881 オオトラフハナムグリ属
Paratrichius JANSON, Cist. Ent. II, p. 160, 1881.
 (type-species: *Gnorimus doenitzi* HAROLD, 1879)

Paratrichius doenitzi (HAROLD, 1879) オオトラフハナムグリ

Gnorimus doenitzi HAROLD, Deut. Ent. Zeit., 1879, p. 366.

Paratrichius longicornis JANSON, Cist. Ent. II, p. 611, pl. XI, f. 1, 1881.

Gnorimus otsukae NIJIMA et KINOSHITA, Res. Bull. Coll. Exp. Forest, Coll. Agr. Hokkaido Imp. Univ. Japan, II, 2, pp. 120, 236, pl. IV, f. 4, ♂, 1923.

Distr. Japan (Honshu, Shikoku, Kyushu).

Paratrichius duplicatus LEWIS, 1895 オオシマオオトラフハナムグリ

Paratrichius duplicatus LEWIS, Ann. Mag. Nat. Hist. (6):XVI, p. 405, 1895.

Distr. Japan (Amami-Oshima).

subsp. *okinawanus* NOMURA, 1959 オキナワオオトラフハナムグリ

Paratrichius duplicatus okinawanus NOMURA, Tōhō Gakuho (9):53, 1959 (Okinawa Is.).

Distr. Japan (Okinawa Is.).

Paratrichius geibiensis Y. MIYAKE, 1997 ヒロシマオオトラフハナムグリ

Paratrichius geibiensis Y. MIYAKE, HIBAKAGAKU (177):7-9, Figs. 11, 12, 1997 (Mizoguchi, Mt. Omangi, Fudagatao, Hibayama-Hiroshima Pref.).

Distr. Japan (Honshu).

Paratrichius itoi TAGAWA, 1939 キイオオトラフハナムグリ

Paratrichius doenitzi HAROLD var. *itoi* TAGAWA, Trans. Kyushu ent. Soc. 2(1):15, 1939.

Paratrichius itoi TAGAWA, MIYAKE, Kita Kyushu no Konchu, 37(1):28-30, Figs. 2, 5, 12, 1990 (Wakayama, Osaka, Nara Pref. etc.-Kii Peninsula).

Distr. Japan (Kii Peninsula-Honshu).

Paratrichius kyushuensis Y. MIYAKE, 1990 キュウシュウオオトラフハナムグリ

Paratrichius kyushuensis Y. MIYAKE, Kita Kyushu no Konchu 37(1):28, 30-32, Figs. 3, 6, 1990 (Kyushu).

Distr. Japan (Kyushu-Bungo, Higo, Hyuga, Osumi).

- Paratrachius septemdecimguttatus* (SNELLEN VAN VOLLENHOVEN, 1864) ジュウシチホシハナムグリ
Trichius septemdecimguttatus SNELLEN VAN VOLLENHOVEN, Tijdschr. ent. Nederl. 7, p. 159, 1864
 (Japan).
 Distr. Japan (Honshu, Shikoku, Kyushu, Yakushima), Korea, China.

Subfamily VALGINAE ヒラタハナムグリ亜科

- Genus *Neovalgus* Y. MIYAKE, 1985 オオヒラタハナムグリ属
Neovalgus Y. MIYAKE, LAMELLICORNIA (1):2, 1985.
 (type-species: *Valgus fumosus* LEWIS, 1887)

- Neovalgus fumosus* (LEWIS, 1887) オオヒラタハナムグリ
Valgus fumosus LEWIS, Ann. Mag. Nat. Hist. (5)XIX, 1887, p. 201.
Valgus pictus fumosus SAWADA, Nippon no Kochu 4(1):2, 7, 1941.
Valgus pictus shikokuensis SAWADA, Nippon no Kochu 4(1):2, 7, 1941.
 Distr. Japan (Hokkaido, Honshu, Awashima, Shikoku, Kyushu).

- Neovalgus laetus* (ARROW, 1913) オオシマヒラタハナムグリ
Chromovalgus laetus ARROW, Ann. Mag. Nat. Hist. (8)XII, 1913, p. 408 (Oshima).
Valgus pictus laetus SAWADA, Nippon no Kochu 4(1):2, 6, pl. 1, f. 1, 1941.
 Distr. Japan (Amami-Oshima).

- Genus *Yanovalgus* NOMURA, 1952 ヤノヒラタハナムグリ属
Yanovalgus NOMURA, Mushi 23(2):29-31, 1952.
 (type-species: *Yanovalgus planiusculus* NOMURA, 1952)

- Yanovalgus planiusculus* NOMURA, 1952 ヤノヒラタハナムグリ
Yanovalgus planiusculus NOMURA, Mushi, 23(3):30-31, 1952 (Yakushima).
 Distr. Japan (Yakushima).

- Genus *Nipponovalgus* SAWADA, 1941 ヒラタハナムグリ属
Nipponovalgus SAWADA, Nippon no Kochu 4(1):3-4, 9-10, 1941.
 (type-species: *Valgus angusticollis* WATERHOUSE, 1875)

- Nipponovalgus angusticollis* (WATERHOUSE, 1875) ヒラタハナムグリ
Valgus angusticollis WATERHOUSE, Trans. ent. Soc. London, p. 115, 1875 (Japan).
 Distr. Japan.

- subsp. *angusticollis* (WATERHOUSE, 1875) ヒラタハナムグリ
Valgus angusticollis WATERHOUSE, Trans. ent. Soc. London, p. 115, 1875 (Japan).
 Distr. Japan (Honshu, Sado, Ōshima, Toshima, Nii-jima, Miyake-jima, Kozu-jima-Izu Is.,
 Shikoku, Kyushu, Yakushima, Tanegashima, Tsushima), Korea.

subsp. *maedai* NAKANE, 1956 トカラヒラタハナムグリ

Nipponovalgus angusticollis maedai NAKANE, Bull. Osaka Munic. Museum Nat. Hist. (7):8, pl. 1, f. 15, pl. II, f. 10, 1956 (Nakanoshima-Tokara).

Distr. Japan (Nakanoshima-Tokara).

Nipponovalgus yonakuniensis SAWADA, 1941 ヨナクニヒラタハナムグリ

Nipponovalgus yonakuniensis SAWADA, Nippon no Kochu 4(1):4, 10, pl. 1, f. 5, 1951 (Yonakuni-jima).

Distr. Japan (Okinawa Is., Yonakuni Is., Iriomote Is., Ishigaki Is.).

Genus *Dasyvalgus* KOLBE, 1904 トゲヒラタハナムグリ属

Dasyvalgus KOLBE, Stett. Ent. Zeit., 1904, p. 25, 34.

(type-species: *Valgus venthi* RITSENA, 1879)

Dasyvalgus tuberculatus (LEWIS, 1887) トゲヒラタハナムグリ

Valgus tuberculatus LEWIS, Ann. Mag. Nat. Hist. (5)XIX, 1887, p. 201.

Distr. Japan (Honshu, Shikoku, Kyushu).