

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 parvulum WATERHOUSE, 1874, Ent. mon. Mag., 10, p. 175 (S. Japan).
 Distr. Japan (Honshu, Awashima, Sado, Izu-Miyake-jima, Mikura-jima, Shikoku, Kyushu, Goto 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 ONTHOPHAGINI 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 matsui 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) ニッ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) テビコエンマコガネ

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 uedanus 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. palaerk. u. orient. 2:564-565, 1963.
Onthophagus suturalis WHITE, 1844, Ann. Mag. Nat. Hist. XIV:17.
 Distr. Japan (Honshu-Hiogo, Tottori), Taiwan, S. Vietnamu, 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 Nakanoshima).

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

Distr. Japan (Amami-Oshima, Tokara Is.-Nakanoshima Akusekishima, 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. Hefte, 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 ushiodai 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.

Oniticellus 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. Torino 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).