

atrocaeruleus Champion, 1925: 105 (*Hygrogeus*; variety of *cyanipennis*; Burphu, Gori Valley, alt. 11,500 ft., and Laptel, alt. 15,000 ft., both in N.E. Kumaon).

— Cameron, 1930: 165, 166 (*Hygrogeus*; variety of *cyanipennis*; characters; India).

— Scheerpeltz, 1933: 1067 (*Hygrogeus*; variety of *cyanipennis*).

gulgargensis Coiffait, 1983: 282 (*Hygrogeus*; Type locality: Cachemire: Gulmarg, 3000–3500 m).

▲ **DISTRIBUTION:** India.

kumaonensis Champion, 1925, see: *Trichodromeus*.

languidus Coiffait, 1983: 283 (*Hygrogeus*; Type locality: Cachemire: Pahalgam, 3000 m).

▲ **DISTRIBUTION:** India.

ledouxii Coiffait, 1983: 282 (*Hygrogeus*; Type locality: Cachemire: Pahalgam, Sheshnag, 3000 m).

▲ **DISTRIBUTION:** India.

meurguesae Coiffait, 1979d: 567 (*Hygrogeus*; Type locality: Nouristan: Khum Ghar, 3800 m).

▲ **DISTRIBUTION:** Afghanistan.

minor Coiffait, 1983: 285 (*Hygrogeus*; Type locality: Cachemire: Rohtang Pass, 4000 m).

▲ **DISTRIBUTION:** India.

montanus Coiffait, 1983: 280 (*Hygrogeus*; Type locality: Cachemire: Gangria, 3500 m).

▲ **DISTRIBUTION:** India.

penicillatus Reitter, 1900, see: *Trichodromeus*.

rugosicollis Coiffait, 1983: 284 (*Hygrogeus*; Type locality: Cachemire: Badrinath, 3500 m).

▲ **DISTRIBUTION:** India.

sulcicollis Coiffait, 1983: 284 (*Hygrogeus*; Type locality: Cachemire: Pahalgam, Sheshnag, 3800 m).

▲ **DISTRIBUTION:** India.

Lesteva

[97 species (2 doubtful); Nearctic, Palaearctic, and Oriental Regions]

Lesteva Latreille, 1797: 75 (without includes species, see Latreille, 1802: 129 for first included species). **TYPE SPECIES:** *Lesteva punctulata* Latreille, fixed by Latreille, 1804: 369 (see Herman, 2001).

— Latreille, 1802: 129 (characters; included species: *abbreviatus*).

— Latreille, 1804: 286, 366 (characters; notes; list of included species: *caraboides*, *testaceus*, *armiger*, *obscurus*, *plagiatus*, *alpinus*, *dichrous*, *dimidiatus*, *staphylinoides*).

— Latreille, 1806: 296 (characters).

— Latreille, 1810: 182, 427 (characters; two species listed).

— Samouelle, 1819: 175 (cited as *Lestiva*; characters).

— Dejean, 1821: 25 (synonym of *Anthophagus*; cited as *Antophagus*).

— Latreille, 1825: 245 (cited as Lestève; characters).

— Latreille, 1825a: 215 (characters).

— Berthold, 1827: 332 (characters).

— Zetterstedt, 1828: 44 (synonym of *Anthophagus*).

— Curtis, 1829: 29 (catalog; Britain).

— Stephens, 1829a: 25 (catalog; Britain).

— Stephens, 1829: 298 (catalog; Britain).

— Latreille, 1829: 439 (characters).

— Curtis, 1830: pl. 303 (characters; type species).

— Mannerheim, 1830: 10, 55 (key; characters).

— Mannerheim, 1831: 424, 469 (key; characters).

— Griffith and Pidgeon, 1832: 297 (characters).

— Stephens, 1834: 359 (characters).

— Lacordaire, 1835: 479 (characters).

- Westwood, 1838a: 18 (characters; type species).
- Erichson, 1839a: 616 (characters).
- Heer, 1839: 192 (characters).
- Stephens, 1839: 422 (characters).
- Erichson, 1840: 855 (characters).
- Kolenati, 1846: 27 (synonym of *Anthophagus*).
- Redtenbacher, 1849: 747 (characters).
- Schaum, 1852: 30 (list of species; Europe).
- Lacordaire, 1854: 137 (characters; notes; list of species).
- Fairmaire and Laboulbène, 1856: 630 (characters).
- Gistel, 1856: 389 (list of species).
- Jacquelin du Val, 1857: 71 (characters).
- Redtenbacher, 1857: 244 (characters; key to Austrian species).
- Kraatz, 1857d: 930 (cited as *Lesteua*; characters).
- Thomson, 1858: 37 (characters).
- G. Waterhouse, 1858: 31 (catalog of British species).
- Thomson, 1859: 48 (characters; type species: *bicolor*).
- Schaum, 1859: 31 (catalog; European species).
- LeConte, 1861a: 70 (characters).
- Thomson, 1861: 182 (characters).
- Gredler, 1863: 122 (list of species from Tirol).
- LeConte, 1863: 26 (list of North American species).
- Wencker and Silbermann, 1866: 35 (list of species; collecting notes; France).
- Jacquelin du Val, 1868: 80 (catalog; European species).
- Gemminger and Harold, 1868: 659 (catalog).
- Fauvel, 1871a: 127 [= 1872: 101] (characters).
- Sharp, 1871d: 14 (list of British species).
- Redtenbacher, 1874: 266 (characters).
- Fauvel, 1875a: VII [= 1875b: 209] (catalog).
- Fauvel, 1878d: 247 [= 1878e: 83] (notes; key to North American species).
- Mulsant and Rey, 1880: 63 (characters; key to French species).
- Heyden, 1880: 81 (list of species of Siberian region).
- Duvivier, 1883: 194 (catalog).
- Fowler, 1888: 401 (notes; key to British species).
- Seidlitz, 1891: 347 (key to some European species).
- Seidlitz, 1891a: 370 (key to some European species).
- Heyden, Reitter, and Weise, 1891: 118 (list of species of Europe and Caucasus).
- Heyden, 1893: 48 (list of species of Siberian region).
- Ganglbauer, 1895: 712 (characters; key to middle European species).
- Heyden, 1896: 37 (list of species of Siberian region).
- Fauvel, 1897d: 248 (catalog of species of Barbary).
- Luze, 1903a: 179 (characters; key to species).
- Heyden, Reitter, and Weise, 1906: 134 (list of species of Europe and Caucasus).
- Sainte-Claire Deville, 1907: 47 (characters; key to and annotated list of species of Seine Basin, France).
- Reitter, 1909: 184 (characters; key to German species).
- Bernhauer and Schubert, 1910: 71 (world catalog; 24 species).
- Blatchley, 1910: 476 (characters).
- Petri, 1912: 54 (list of species of Siebenbürgen).
- Johansen, 1914: 588 (characters; key to Danish species).
- Winkler, 1925: 334 (catalog for Palaearctic region).
- Cameron, 1925: 11, 104 (catalog of Indian species).
- Porta, 1926: 28 (characters; key to species of Italy).
- Portevin, 1929: 437 (characters; key to French species).
- Cameron, 1930: 158 (characters; key to species of British India).
- Joy, 1932: 97 (key to British species).

- Scheerpeltz, 1933: 1062 (world catalog supplement).
- Normand, 1935: 358 (list of species of Tunisia).
- Scheerpeltz, 1937b: 194 (key to species of Balkan region).
- Paulian, 1941: 153 (larval characters).
- Kloet and Hincks, 1945: 161 (list of British species).
- Palm, 1948: 116 (characters; key to species of Sweden).
- Jeannel and Jarrige, 1949: 313 (characters; type species: *punctulata* = *longoelytrata*).
- Tottenham, 1949: 357, 408 (type species: *longoelytratus* Goeze = *punctulata* Latreille; list of British species; discussion of early history of name).
- Steel, 1952 (synonyms; discussion; key to British species).
- Tottenham, 1954: 32 (characters; key to British species).
- Lohse, 1955: 504 (key to species of *fontinalis* complex).
- Lohse, 1956a: 51 (key to German species).
- Kocher, 1958: 95 (checklist of species; Morocco).
- Lohse, 1960: 2 (key to species of Iberian Peninsula).
- Lohse, 1961a (elytral reduction and species systematics).
- Ferreira, 1962a: 9 (list of Portuguese species).
- Horion, 1963: 125 (list of central European species).
- Székessy, 1963: 21 (characters).
- Lohse, 1964: 58 (characters; key to central European species).
- Moore, 1966: 48, 50 (characters; notes).
- Kasule, 1968: 133, 136 (larval characters).
- Scheerpeltz, 1968a: 16 (catalog of Austrian species).
- Steel, 1970a: 20 (larval characters; biological notes).
- Tikhomirova, 1973a: 140 (checklist of species of USSR).
- Moore and Legner, 1975: 194 (catalog; North America north of Mexico).
- Pope, 1977: 22 (list of British species).
- Topp, 1978: 309 (larval characters).
- Burakowski, Mroczkowski, and Stefańska, 1979: 65 (catalog; Poland).
- Moore and Legner, 1979: 182 (characters; notes).
- Muona, 1979: 18 (list of Scandinavian species).
- Uhlig, 1979: 243 (some species collected in Germany).
- M. Dvořák, 1979: 110 (some species collected in Slovakia).
- Uhlig, Vogel, and Sieber, 1980: 241 (some species collected in Germany).
- Uhlig and Vogler, 1981: 88 (list of some species collected in Germany; habitat and collecting notes).
- Lohse, 1982: 201 (key to species of India).
- Tóth, 1982: 97 (characters; habitus; key to species of Hungary).
- Ádám, 1985: 251 (list of species from southeast Hungary).
- Muona and Viramo, 1986: 15 (list of species of northeastern Finland).
- Segers, 1986: 22 (checklist of species; Belgium).
- Zanetti, 1987: 336 (characters; habitus; key to species of Italy).
- Lohse and Lucht, 1989: 127 (notes).
- Watanabe, 1990: 149 (characters; key to species of Japan).
- Dettner and Reissenweber, 1991 (defensive secretions: chemistry and systematics).
- M. Hansen, Kristensen, Mahler, Pedersen, 1991: 106 (list of Danish species).
- Silfverberg, 1992: 22 (list of species of Fennoscandia, Denmark, and the Baltic States).
- Siitonen, 1993: 230 (list of Finnish species).
- Welch, 1993 (ovariole structure and development).
- Boháč, 1993: 41 (list of species of Czech Republic and Slovakia).
- Zanetti, 1995: 8 (list of species of Italy).
- M. Hansen, 1996: 95 (list of Danish species).
- M. Hansen, Mahler, Palm, and Pedersen, 1996: 241 (additions to list of Danish species).
- Downie and Arnett, 1996: 438 (characters; key to species of Northeastern North America).
- M. Hansen, Palm, Pedersen, and Runge, 1998: 70 (list of species collected in 1997; Denmark).
- Rougemont, 2000: 147 (key to and descriptions of species of China).

- Newton, Thayer, Ashe, and Chandler, 2000: 340 (2 Nearctic species; notes; characters in key).
- Herman, 2001: 7 (type species; discussion; petition submitted to Commission requesting acceptance of designation of *Lesteva punctulata* by Latreille, 1804).

Tevales Casey, 1894: 398, 399 (species included: *cribratulus*). **TYPE SPECIES:** *Tevales cribratulus* Casey, fixed by monotypy.

- Bernhauer and Schubert, 1910: 73 (world catalog; 1 species).
- Leng, 1920: 95 (catalog of North American species).
- Scheerpeltz, 1933: 1064 (world catalog supplement).
- Blackwelder, 1952: 383 (type species: *cribratulus*).
- Steel, 1952: 9 (synonym of *Lesteva*).

Pseudolesteva Casey, 1894: 398, 399 (species included: *pallipes*, *biguttula*, *picescens*).

TYPE SPECIES: *Lesteva pallipes* LeConte, fixed by subsequent designation of its objective synonym *Paralesteva* for which R. Lucas, 1920: 480, designated the type species.

- Blackwelder, 1952: 327 (type species).
- Steel, 1952: 9 (synonym of *Lesteva*).

Paralesteva Casey, 1905: 164 (replacement name for *Pseudolesteva* Casey). **TYPE SPECIES:**

Lesteva pallipes LeConte, fixed by subsequent designation by R. Lucas, 1920: 480.

- Bernhauer and Schubert, 1910: 73 (world catalog; 1 species).
- Leng, 1920: 95 (catalog of North American species).
- Blackwelder, 1952: 290 (type species).
- Steel, 1952: 9 (synonym of *Lesteva*).

Lestevella Jeannel and Jarrige, 1949: 313, 315 (subgenus of *Lesteva*; species included: *pubescens*, *pandellei*). **TYPE SPECIES:** *Lesteva pubescens* Mannerheim, fixed by original designation.

Lestevidia Jeannel and Jarrige, 1949: 313, 315 (subgenus of *Lesteva*; species included: *punctata*). **TYPE SPECIES:** *Lesteva punctata* Erichson, fixed by original designation and monotypy.

- Zanetti, 1987: 338 (subgenus of *Lesteva*; characters; species of Italy).

Lesta Blackwelder, 1952: 218 (replacement named for *Lesteva* Latreille; [**Note:** According to Blackwelder, *Lesta* was needed to replace *Lesteva* since that name was needed for *Anthophagus*]). **TYPE SPECIES:** *Staphylinus longolytrata* Goeze, fixed by original designation.

- Zanetti, 1987: 336 (synonym of *Lesteva*).

Lestevina Bordoni, 1999a: 119 ([**Note:** See Bordoni, 1973h for description and list of species included]). **TYPE SPECIES:** *Lesteva sbordonii* Bordoni, fixed by original designation.

- Bordoni, 1973h: 230, 234 (subgenus of *Lesteva*; species included: *corsica*, *foveolata*, *sicula*, *heeri*, *sbordonii*; [**Note:** An unavailable name here, no type species designation (Article 13.3)]).
- Zanetti, 1987: 338, 340 (subgenus of *Lesteva*; characters; key to species of Italy).

albanica Bernhauer, 1936g: 304 (*Lesteva*; Type locality: Albanien: Mai i Dajtit).

- Zanetti, 1984: 78 (*Lesteva*; Bulgaria).

▲ **DISTRIBUTION:** Albania, Bulgaria, Cyprus.

balcanica Scheerpeltz, 1937b: 191 (*Lesteva*; Type locality: Bulgarien: Massiv des Masalat, Schipka-Balkan, ca. 1900 m).

- Lohse, 1955: 506 (*Lesteva*; characters).
- Coiffait, 1970e: 64 (*Lesteva*; Cyprus).
- Zanetti, 1984: 78 (*Lesteva*; synonymum of *albanica*).

aterrima Lohse, 1967: 10 (*Lesteva*; Type locality: Asturias: Covadonga, Cangas de Onis, rio Covadonga).

▲ **DISTRIBUTION:** Spain.

angusticollis Mannerheim, 1830, see: *Anthophagus*.

aureomontis Rougemont, 2000: 165 (*Lesteva*; Type locality: China: Sichuan: Mt. Emei-shan, Jinding, 3050 m).

▲ **DISTRIBUTION:** China.

balkanica Scheerpeltz, 1937, see: *albanica* Bernhauer, 1936.

balearica Lohse, 1967: 11 (*Lesteva*; Type locality: Mallorca).

— Pons and Palmer, 1996: 164 (*Lesteva*; Balearic endemic; notes; habitat; Mallorca).

▲ **DISTRIBUTION:** Majorca.

bavarica Lohse, 1956a: 59 (*Lesteva*; Type locality: Hochvogelgebiet, Allgäu).

— Horion, 1963: 132 (*Lesteva*; Germany; Austria; Slovenia).

— Lohse, 1964: 61 (*Lesteva*; characters; central Europe).

— Zanetti, 1987: 360 (*Lesteva*; subgenus *Lesteva*; characters; Italy).

— Lucht, 1987: 90 (*Lesteva*; checklist; Germany; Austria).

— Zanetti, 1995: 8 (*Lesteva*; Italy).

▲ **DISTRIBUTION:** Slovenia, Italy, Austria, Germany.

benicki Lohse, 1958: 51 (*Lesteva*; Type locality: Kuhfluchtwasserfall bei Farchant, Oberbayern).

— Horion, 1963: 132 (*Lesteva*; Germany; Austria; Slovenia).

— Lohse, 1964: 60 (*Lesteva*; characters; central Europe).

— Jarrige, 1968b: 75 (*Lesteva*; France).

— Zanetti, 1987: 368 (*Lesteva*; subgenus *Lesteva*; characters; Italy).

— Lucht, 1987: 90 (*Lesteva*; checklist; Germany; Austria).

— Zanetti, 1995: 9 (*Lesteva*; Italy).

▲ **DISTRIBUTION:** Slovenia, Austria, Germany, France, Italy.

bicolor Paykull, 1789, see: *longoelytrata* Goeze, 1777.

biguttula LeConte, 1863, see: *pallipes* LeConte, 1863.

bimaculatus Lacordaire, 1835, see: *Anthophagus*.

binotata Reitter, 1901: 48 (*Lesteva*; Type locality: Turkestan: Taschkent).

— Luze, 1903a: 192 (*Lesteva*; characters; Turkestan).

— Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).

— Smetana, 1967e: 305 (*Lesteva*; Turkey).

— Tikhomirova, 1973a: 140 (*Lesteva*; checklist; Central Asia).

— Bordoni, 1984: 331 (*Lesteva*; characters; Lebanon).

▲ **DISTRIBUTION:** Uzbekistan, Turkey, Lebanon.

brathinoides Zerche, 2000a: 66 (*Lesteva*; Type locality: Sibirien, Ost-Sajan, Tunkinskije Goltsy, westl. Hauptast der Kyngarga, Hochtal zw. 1700 u. 2000 m).

▲ **DISTRIBUTION:** Russia.

breiti Lohse, 1956a: 53, 57 (*Lesteva*; Type locality: Nordtiroler Alpen).

— Horion, 1963: 131 (*Lesteva*; Germany; Austria).

— Lohse, 1964: 61 (*Lesteva*; characters; central Europe).

— Zanetti, 1987: 356 (*Lesteva*; subgenus *Lesteva*; characters; Italy).

— Lucht, 1987: 89 (*Lesteva*; checklist; Germany; Switzerland).

— Zanetti, 1995: 9 (*Lesteva*; Italy).

▲ **DISTRIBUTION:** Germany, Austria, Italy.

brevipennis Cameron, 1941: 143 (*Lesteva*; Type locality: Kashmir: Gulmarg, altitude 8000 feet).

— Lohse, 1982: 201, 203 (*Lesteva*; characters; India).

▲ **DISTRIBUTION:** India.

brondeeli Lohse and Steel, 1961: 73 (*Lesteva*; Type locality: Crete occident.: Topolia).

▲ **DISTRIBUTION:** Crete.

bucharica Fauvel, 1900d: 222 (*Lesteva*; Type locality: Buchara).

— Luze, 1903a: 196 (*Lesteva*; characters; Buchara).

— Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).

— Tikhomirova, 1973a: 140 (*Lesteva*; checklist; Central Asia).

— Bordoni, 1987b: 94 (*Lesteva*; characters; Uzbekistan).

▲ **DISTRIBUTION:** Uzbekistan.

canaliculata Stephens, 1834, see: *Geodromicus*.

carinthiaca Lohse, 1955, see: *omissa* Rey, 1880.

cavernicola Scheerpeltz, 1933 [**Note: Nomen nudum**], see: *fontinalis* Kiesenwetter, 1950.

cazorlana Lohse, 1987: 135 (*Lesteva*; Type locality: Espagne Jaen. Sierra de Cazorla Guadalquivir).

— Coiffait, 1970c: 110 (*Lesteva*; cited in description of *cobosi*; [**Note:** Misidentified as *mateui* according to Lohse, 1970: 135]; Spain).

▲ **DISTRIBUTION:** Spain.

championi Lohse, 1982: 203 (*Lesteva*; Type locality: India: Chakrata Dist.: Binal Gad, 7–8000 feet).

▲ **DISTRIBUTION:** India.

cobosi Coiffait, 1970, see: *mateui* Jarrige, 1954.

coiffaiti Jarrige, 1963: 166 (*Lesteva*; Type locality: Gavarnie, Hautes Pyrénées).

▲ **DISTRIBUTION:** France.

collina Haliday, 1855, see: *monticola* Kiesenwetter, 1847.

cooteri Rougemont, 2000: 150 (*Lesteva*; Type locality: China: Zhejiang Prov., Anji County, ca. 500 m, Long Wong Shan N.R.).

▲ **DISTRIBUTION:** China.

cordicollis Motschulsky, 1860: 549 (*Lesteva*; Type locality: Daourie).

— Hochhuth, 1862: 102 (*Lesteva*; characters; Dauria).

— Luze, 1903a: 187 (*Lesteva*; characters; Transbaikalien, Baikalsee).

— Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).

— Tikhomirova, 1973a: 140 (*Lesteva*; checklist; eastern Siberia).

▲ **DISTRIBUTION:** Russia.

corsica Perris, 1869: 8 (*Lesteva*; Type locality: Corse, sur le Monte-Rotondo).

— Fauvel, 1871a: 129 [= 1872: 103] (*Lesteva*; characters; Corsica).

— Mulsant and Rey, 1880: 86 (*Lesteva*; characters; Corsica).

— Luze, 1903a: 186 (*Lesteva*; characters; Corsica; Sardinia).

— Sainte-Claire Deville, 1906: 72 (*Lesteva*; Corsica).

— Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).

— Portevin, 1929: 437 (*Lesteva*; characters; France).

— Scheerpeltz, 1933: 1062 (*Lesteva*; catalog).

— Coiffait, 1968c: 505 (*Lesteva*; Corsica).

— Bordoni, 1973h: 234 (*Lesteva*; subgenus *Lestevina*).

— Zanetti, 1987: 345 (*Lesteva*; subgenus *Lestevina*; characters; Italy).

— Zanetti, 1995: 9 (*Lesteva*; Italy).

▲ **DISTRIBUTION:** France, Italy.

crassipes Sharp, 1889: 471 (*Lesteva*; Type locality: Oyayama and Yokohama).

— Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).

— Watanabe, 1990: 167 (*Lesteva*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

cretica Lohse and Steel, 1961, see: *longoelytrata* Goeze, 1777.

cribratula Casey, 1894: 399 (*Tevales*; Type locality: Pennsylvania).

— Bernhauer and Schubert, 1910: 73 (*Tevales*; catalog).

— Scheerpeltz, 1933: 1064 (*Tevales*; catalog).

— Moore and Legner, 1975: 194 (*Lesteva*; catalog).

— Downie and Arnett, 1996: 438 (*Lesteva*; characters; USA).

▲ **DISTRIBUTION:** USA.

- curvipes** Mulsant and Rey, 1880: 78 (*Lesteva*; Type locality: Grande-Chartreuse, les Hautes-Pyrénées).
 — Ganglbauer, 1895: 714 (*Lesteva*; characters; Pyrenees).
 — Luze, 1903a: 191 (*Lesteva*; characters; France; Pyrenees).
 — Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).
 ▲ **DISTRIBUTION:** France.
- dabashanensis** Rougemont, 2000: 153 (*Lesteva*; Type locality: China: Shaanxi, Langao Xian, Shenxianhe, alt. 1910 m).
 ▲ **DISTRIBUTION:** China.
- davidiana** Rougemont, 2000: 164 (*Lesteva*; Type locality: China: Sichuan: Baoxing Xian, Yaoqi, Guobaye, Mt. Baiyu-shan, alt. 2400 m).
 ▲ **DISTRIBUTION:** China.
- dimidiata* Panzer, 1795, see: *longoelytrata* Goeze, 1777.
- distincta** Watanabe, 1990: 178 (*Lesteva*; Type locality: Japan: Honshu: Nara Pref.: Mt. Kasugayama).
 ▲ **DISTRIBUTION:** Japan.
- dorsalis* Reitter, 1909, see: *longoelytrata* Goeze, 1777.
- dubia** Lacordaire, 1835: 484 (*Lesteva*; [**Note: Nomen dubium**]; Type locality: Paris).
 ▲ **DISTRIBUTION:** France.
- elegantula** Rougemont, 2000: 160 (*Lesteva*; Type locality: China: Zhejiang, Moganshan).
 ▲ **DISTRIBUTION:** China.
- fageli** Lohse, 1960: 6 (*Lesteva*; Type locality: Puente del Cerezo).
 ▲ **DISTRIBUTION:** Spain.
- fasciata** Luze, 1903a: 188 (*Lesteva*; Type locality: Transkaspien, Gr. Balchan).
 — Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).
 — Tikhomirova, 1973a: 140 (*Lesteva*; checklist; Central Asia).
 ▲ **DISTRIBUTION:** Turkmenistan.
- fenestrata** Sharp, 1874: 97 (*Lesteva*; Type locality: Kawatchi).
 — Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).
 — Nakane, 1963a: 83 (*Lesteva*; characters; habitus photograph; Japan).
 — Watanabe, 1990: 160 (*Lesteva*; characters; Japan).
 — Watanabe, 1996a: 9 (*Lesteva*; cave collection; Japan).
 ▲ **DISTRIBUTION:** Japan.
- flavipennis* Lacordaire, 1835, see: *Anthophagus*.
- flavopunctata** Rougemont, 2000: 161 (*Lesteva*; Type locality: China: Zhejiang Prov., Anji County, ca. 1000 m, Long Wang Shan N.R.).
 ▲ **DISTRIBUTION:** China.
- fluviata** Champion, 1920: 246 (*Lesteva*; Type locality: W. Almora, Kumaon, India; [**Note:** See lectotype designation by Lohse, 1982]. Originally cited from W. Almora and Kosi River, Ranikhet, alt. 3000–6500 ft. in Kumaon).
 — Cameron, 1930: 160 (*Lesteva*; characters; India).
 — Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).
 — Lohse, 1982: 201, 203 (*Lesteva*; lectotype designation: W. Almora, Kumaon, India; characters; India).
 — Coiffait, 1982: 42 (*Lesteva*; characters; India).
 ▲ **DISTRIBUTION:** India.
- fontinalis** Kiesenwetter, 1850: 222 (*Lesteva*; Type locality: Mons serratus Cataloniae).
 — Kiesenwetter, 1851a: 434 (*Lesteva*; characters; Pyrenees).
 — Fauvel, 1871a: 128 [= 1872: 102] (*Lesteva*; characters; France; Corsica; Spain; Algeria).
 — Fauvel, 1878: 90 [= 1878a: 10] (*Lesteva*; Algeria).
 — Mulsant and Rey, 1880: 69 (*Lesteva*; characters; France).

- Fauvel, 1886: 16 [= 1886a: 8] (*Lesteva*; Morocco; Algeria).
- Ganglbauer, 1895: 713 (*Lesteva*; characters; Dalmatia; Piemont; Corsica; Sicily; France; Spain; Algeria).
- Fauvel, 1902b: 56 (*Lesteva*; Morocco; Algeria; Tunisia).
- Luze, 1903a: 195 (*Lesteva*; characters; Italy; France; Spain; Algeria; Sicily; Sardinia; Corsica).
- Sainte-Claire Deville, 1906: 71 (*Lesteva*; Corsica).
- Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).
- Czizek, 1918: 65 (*Lesteva*; [**Note:** Scheerpeltz, 1933: 1063 cited *cavernicola* Czizek as being described in this article as an aberration of *fontinalis*; that name is not in the article]; in caves).
- Portevin, 1929: 438 (*Lesteva*; characters; France).
- Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).
- Lohse, 1955: 505 (*Lesteva*; characters; Iberian Peninsula).
- Lohse, 1960: 5 (*Lesteva*; Iberian Peninsula).
- Scheerpeltz, 1965b: 392 (*Lesteva*; Sicily).
- Zanetti, 1987: 362 (*Lesteva*; characters; France; Spain; Switzerland ?; may not occur in Italy).
- ▲ **DISTRIBUTION:** France, Spain, Morocco.

nigra Kraatz, 1857d: 934 (*Lesteva*; Type locality: Sicilien).

- Redtenbacher, 1874: 267 (*Lesteva*; characters; Italy).
- Ganglbauer, 1895: 713 (*Lesteva*; synonym of *fontinalis*).
- Luze, 1903a: 195 (*Lesteva*; synonym of *fontinalis*).
- Bernhauer and Schubert, 1910: 71 (*Lesteva*; synonym of *fontinalis*).
- Scheerpeltz, 1933: 1063 (*Lesteva*; synonym of *fontinalis*).

cavernicola Scheerpeltz, 1933: 1063 (*Lesteva*; [**Note:** **Nomen nudum**; Scheerpeltz cited the name as a variety of *fontinalis* described by Czizek, “1917 (1922)”: 65 (= 1918); I cannot find the name in Czizek’s article and Scheerpeltz presented no characters]).

truncata Lohse, 1960: 5 (*Lesteva*; subspecies of *fontinalis*; [**preoccupied**]; Type locality: Rio Guadalupejo).

- Herman, 2001: 37 (*Lesteva*; synonym of *fontinalis gustavi*).

gustavi Herman, 2001: 37 (*Lesteva*; subspecies of *fontinalis*; replacement name for *fontinalis truncata* Lohse).

foveolata Luze, 1903a: 187 (*Lesteva*; Type locality: Apennin, Monte Penna, Ligurischer Apennin).

- Sainte-Claire Deville, 1907: 49 (*Lesteva*; [**Note:** Erroneously cited as *bifoveolata* Luze rather than *foveolata* Luze and cited by Scheerpeltz, 1933: 1063 as a synonym]; notes).
- Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).
- Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).
- Bordoni, 1973h: 234 (*Lesteva*; subgenus *Lestevina*).
- Zanetti, 1987: 344 (*Lesteva*; subgenus *Lestevina*; characters; Italy).
- Zanetti, 1995: 9 (*Lesteva*; Italy).

▲ **DISTRIBUTION:** Italy.

globulicollis Mannerheim, 1830, see: *Geodromicus*.

gracilis Watanabe, 1990: 157 (*Lesteva*; Type locality: Japan: Honshu: Nara Pref.: Mt. Kasugayama).

- Watanabe, 1993c (*Lesteva*; Sadogashima Island).
- Watanabe, 1996a: 9 (*Lesteva*; cave collection; Japan).

▲ **DISTRIBUTION:** Japan.

graeca Scheerpeltz, 1931: 363, 367 (*Lesteva*; Type locality: Voidia-Stock, Peloponnes; also listed from southern Bosnia, Herzegovina, Montenegro, Bulgaria, Macedonia, Thessalia, and Greece).

- Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).
- Scheerpeltz, 1963a: 415 (*Lesteva*; Greece).
- Tóth, 1982: 100 (*Lesteva*; characters).
- Bordoni, 1987b: 92 (*Lesteva*; characters).

— Zanetti, 1987: 348, 359 (*Lesteva*; characters; use by C. Koch, 1937: 86 is misidentification of *luctuosa*).

▲ **DISTRIBUTION:** Greece, Bosnia Herzegovina, Bulgaria, Macedonia.

gustavi Herman, 2001, see: *fontinalis* Kiesenwetter, 1850.

huabeiensis Rougemont, 2000: 156 (*Lesteva*; Type locality: China: Beijing Panshan).

▲ **DISTRIBUTION:** China.

hammondi Watanabe, 1990: 166 (*Lesteva*; Type locality: Japan: Honshu: Nagano Pref.: Shimashima Val.).

▲ **DISTRIBUTION:** Japan.

hanseni Lohse, 1953: 588 (*Lesteva*; Type locality: Horster Mühle).

— Lohse, 1955: 507 (*Lesteva*; characters; Spain; France; Great Britain; Germany; Denmark).

— Lohse, 1956a: 55 (*Lesteva*; characters; Germany).

— Lohse, 1960: 4 (*Lesteva*; Iberian Peninsula).

— Horion, 1963: 129 (*Lesteva*; Spain; France; Britain; Denmark; western North Africa; Germany).

— Lohse, 1964: 59 (*Lesteva*; characters; central Europe).

— Steel, 1970a: 21 (*Lesteva*; biological notes).

— Coiffait, 1973a: 270 (*Lesteva*; Morocco).

— Pope, 1977: 22 (*Lesteva*; Britain).

— Hammond, 1980: 136 (*Lesteva*; Ireland).

— Frank, 1982: 8 (*Lesteva*; list of parasites).

— Zanetti, 1987: 363 (*Lesteva*; subgenus *Lesteva*; characters; Italy).

— Lucht, 1987: 90 (*Lesteva*; checklist; Germany; Benelux; Denmark; Sweden).

— Boháč, 1993: 41 (*Lesteva*; subgenus *Lesteva*; Slovakia; Czech Republic).

— Zanetti, 1995: 9 (*Lesteva*; Italy).

▲ **DISTRIBUTION:** Ireland, Britain, Denmark, Germany, France, Italy, Spain, Morocco.

heeri Fauvel, 1871, see: *sicula* Erichson, 1840.

hookeri Stephens, 1834, see: *Anthophagus*.

ihsseni Lohse, 1956a: 58 (*Lesteva*; Type locality: Schachen im Wettersteingebirge).

— Horion, 1963: 131 (*Lesteva*; Austria; Germany; Switzerland).

— Lohse, 1964: 61 (*Lesteva*; characters; central Europe).

— Lucht, 1987: 90 (*Lesteva*; checklist; Germany; Austria; Switzerland).

▲ **DISTRIBUTION:** Austria, Germany, Switzerland.

impressa Stephens, 1834, see: *longoelytrata* Goeze, 1777.

intermedia Gravenhorst, 1806, see: *longoelytrata* Goeze, 1777.

japonica Watanabe, 1990: 172 (*Lesteva*; Type locality: Japan: Honshu: Tochigi Pref.: near Lake Sainoko, Oku-Nikkô).

▲ **DISTRIBUTION:** Japan.

juno Smetana, 1967e: 303 (*Lesteva*; Type locality: Türkei: Sultan dag, 2000 m).

▲ **DISTRIBUTION:** Turkey.

kargilensis Cameron, 1934: 17 (*Lesteva*; Type locality: Indian Tibet: Kargil).

— Lohse, 1982: 201, 204 (*Lesteva*; characters; India).

— Coiffait, 1982: 42 (*Lesteva*; characters; India).

▲ **DISTRIBUTION:** China, India.

karnoschizkyi Scheerpeltz, 1937, see: *monticola* Kiesenwetter, 1847.

kirbii Stephens, 1834: 363 (*Lesteva*; [Note: **Nomen dubium**]; Type locality: North Wales).

— Stephens, 1839: 432 (*Lesteva*; characters; Wales).

▲ **DISTRIBUTION:** Britain.

kojohamana Watanabe, 1990: 157 (*Lesteva*; Type locality: Japan: Hokkaido: Kojôhama, Iburî).

▲ **DISTRIBUTION:** Japan.

latipes Lohse and Steel, 1961: 74 (*Lesteva*; Type locality: Cyprus: Prodomos, Trikouche).
— Assing and Wunderle, 2001: 36 (*Lesteva*; Cyprus).

▲ **DISTRIBUTION:** Cyprus.

leachii Curtis, 1830, see: *Deleaster*.

lepontia Baudi, 1870: 401 (*Lesteva*; Type locality: Alpi Lepontii Domodossola; [**Note:** See lectotype designation by Zanetti, 1986]).

— Mulsant and Rey, 1880: 80 (*Lesteva*; synonym of *pandellei*).

— Ganglbauer, 1895: 713 (*Lesteva*; synonym of *fontinalis*).

— Luze, 1903a: 195 (*Lesteva*; synonym of *pandellei*).

— Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *pandellei*).

— Zanetti, 1986: 97 (*Lesteva*; lectotype designation).

— Zanetti, 1987: 365 (*Lesteva*; subgenus *Lesteva*; valid species; characters; Italy).

— Zanetti, 1995: 9 (*Lesteva*; Italy).

— Zanetti and Sabella, 1998: 34 (*Lesteva*; notes; Sicily).

▲ **DISTRIBUTION:** Italy.

lewisi Cameron, 1930c: 182 (*Lesteva*; Type locality: Kobe: Shinowara).

— Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).

— Watanabe, 1990: 163 (*Lesteva*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

longicornis Bernhauer, 1929g: 179 (*Lesteva*; Type locality: nordalbanische Alpen, Pajs-Gruppe; Montenegro: Berg Maganik).

— Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).

— Jeannel and Jarrige, 1949: 321 (*Lesteva*; characters; notes; cave species; Serbia).

— Bordoni, 1987b: 90 (*Lesteva*; characters; Albania; Greece).

▲ **DISTRIBUTION:** Albania, Yugoslavia, Greece.

montenegrina Bordoni, 1987b: 92 (*Lesteva*; subspecies of *longicornis*; Type locality: Montenegro, Monti Maganik, Crna Gora).

longipes Mannerheim, 1830, see: *Geodromicus*.

longolytrata Goeze, 1777: 729 (*Staphylinus*; Type locality: Not cited).

— Stephens, 1834: 361 (*Lesteva*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 71 cited *alpina* Fabricius as a synonym of *longolytrata* Goeze; Stephens did not describe the species as new, he attributed it to Fabricius]; characters; England).

— Fauvel, 1871a: 130 [= 1872: 104] (*Lesteva*; characters; France; Europe; Caucasus).

— Fauvel, 1874: 324 [= 1874b: 30] (*Lesteva*; Turkey).

— J. Sahlberg, 1876: 209 (*Lesteva*; Finland).

— Fauvel, 1878: 90 [= 1878a: 10] (*Lesteva*; Algeria).

— Fauvel, 1886: 16 [= 1886a: 8] (*Lesteva*; Algeria).

— Fowler, 1888: 401 (*Lesteva*; characters; Britain).

— Eppelsheim, 1892: 346 (*Lesteva*; Turkmenia).

— Ganglbauer, 1895: 714 (*Lesteva*; characters; Europe).

— Fauvel, 1902b: 56 (*Lesteva*; Algeria).

— Luze, 1903a: 189 (*Lesteva*; characters; Europe; Caucasus).

— Poppius, 1905: 11 (*Lesteva*; Orkney Islands).

— Sainte-Claire Deville, 1906: 71 (*Lesteva*; Corsica).

— Reitter, 1909: 184 (*Lesteva*; cited as *longelytrata*; characters; Germany).

— Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).

— Poppius, 1913: 10 (*Lesteva*; Faroes; Iceland).

— Johansen, 1914: 589 (*Lesteva*; characters; Denmark).

— Portevin, 1929: 437 (*Lesteva*; characters; France).

— Bernhauer, 1931e: 9 (*Lesteva*; Spain).

— Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).

— West, 1937: 43 (*Lesteva*; Faroe Islands).

— C. Koch, 1940: 373 (*Lesteva*; Spain).

— C. Koch, 1941: 54 (*Lesteva*; Morocco).

- Palm, 1948: 119 (*Lesteva*; characters; Sweden; Denmark; Norway; Finland).
- Jeannel and Jarrige, 1949: 320 (*Lesteva*; characters; notes; cave species; France; Spain; Romania; Yugoslavia).
- Lohse, 1956a: 56 (*Lesteva*; characters; Germany).
- Larsson and Gígja, 1959: 70 (*Lesteva*; biological notes; Iceland).
- Lohse, 1960: 3 (*Lesteva*; Iberian Peninsula).
- Scheerpeltz, 1961d: 117 (*Lesteva*; Italy).
- Horion, 1963: 129 (*Lesteva*; Caucasus; Turkey; Scotland; Norway; Sweden; Finland; Russia; Mediterranean from Portugal to Greece; Germany; Austria).
- Lohse, 1964: 59 (*Lesteva*; characters; central Europe).
- Smetana, 1964d: 55 (*Lesteva*; Czechoslovakia).
- Scheerpeltz, 1965b: 392 (*Lesteva*; Sicily).
- Coiffait, 1970e: 64 (*Lesteva*; cited as *longelytrata*; Cyprus).
- Coiffait, 1973a: 269 (*Lesteva*; cited as *longelytrata*; Morocco).
- Pope, 1977: 22 (*Lesteva*; Britain).
- Coiffait, 1978d: 166 (*Lesteva*; cited as *longelytrata*; Turkey).
- Hammond, 1980: 136 (*Lesteva*; Ireland).
- Tóth, 1982: 99 (*Lesteva*; cited as *longelytrata*; characters; Hungary).
- Bordoni, 1984: 331 (*Lesteva*; cited as *longelytrata*; Lebanon).
- Zanetti, 1984: 77 (*Lesteva*; cited as *longelytrata*; Bulgaria).
- Zanetti, 1987: 353 (*Lesteva*; subgenus *Lesteva*; characters; Italy; Asia Minor ?; Caucasus; North Africa ?).
- Ádám, 1987: 138 (*Lesta*; collecting notes; Hungary).
- Lucht, 1987: 89 (*Lesteva*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
- Boháč, 1993: 41 (*Lesteva*; subgenus *Lesteva*; Slovakia; Czech Republic).
- Dettner and Reissenweber, 1991 (*Lesteva*; defensive secretions: chemistry and systematics).
- Sadler and Dugmore, 1995: 144 (*Lesteva*; habitat notes; Iceland).
- Sparacio, 1995: 143 (*Lesteva*; characters; notes; Sicily).
- Zanetti, 1995: 9 (*Lesteva*; Italy).
- Zanetti and Sabella, 1998: 33 (*Lesteva*; Sicily).
- Bordoni and Oromi, 1998: 1157 (*Lesteva*; facultative cave species; Europe; caves of Romania).
- Assing, Frisch, Kahlen, et al., 1998: 125 (*Lesteva*; note).
- Outerelo, Gamarra, and Salgado, 1998: 124 (*Lesteva (Lestevidia)*; collected from cave; Spain; Portugal).
- ▲ **DISTRIBUTION:** Iceland, Orkney Islands, Faroe Islands, Europe, Russia, Georgia, Armenia, Azerbaijan, Turkmenistan, Turkey, Lebanon, Algeria, Morocco.

macroclytron Geoffroy, 1785: 164 (*Staphylinus*; Type locality: Paris).

- Villers, 1789: 421 (*Staphylinus*; characters).
- Erichson, 1840: 855 (*Lesteva*; synonym of *bicolor*).
- Kraatz, 1857d: 932 (*Lesteva*; synonym of *bicolor*).
- Fauvel, 1871a: 130 [= 1872: 104] (*Lesteva*; synonym of *longoelytrata*).
- Mulsant and Rey, 1880: 72 (*Lesteva*; synonym of *bicolor*).
- Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
- Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).

bicolor Paykull, 1789: 21 (*Staphylinus*; [**Note:** This name is rarely cited with Paykull as author; Fabricius cited the species in 1793: 529 and that reference is usually cited as the original description]; Type locality: Not cited).

- Fabricius, 1793: 529 (*Staphylinus*; [**Note:** This reference is usually cited as the original description of *bicolor* but Fabricius attributed the species to Paykull]; characters; France).
- Paykull, 1800: 381 (*Staphylinus*; characters; Sweden).
- Fabricius, 1801: 600 (*Staphylinus*; characters; France).
- Turton, 1802: 514 (*Staphylinus*; characters; France).
- Gyllenhal, 1810: 196 (*Anthophagus*; [**Note:** Gyllenhal attributed *bicolor* to Fabricius who attributed it to Paykull]; synonym of *obscurus*).

- Gyllenhal, 1810: 350 (*Staphylinus*; synonym of *longiceps* Gravenhorst).
 - C. Sahlberg, 1830: 331 (*Staphylinus*; synonym of *longiceps* Gravenhorst).
 - Erichson, 1839a: 616 (*Lesteva*; [**Note:** Cited as *bicolor* Fabricius but the species was not described by Fabricius; he attributed it to Paykull]; characters; Germany).
 - Heer, 1839: 192 (*Lesteva*; synonym of *obscura*).
 - Erichson, 1840: 855 (*Lesteva*; characters; Europe).
 - Laporte, 1840: 192 (*Anthophagus*; synonym of *obscurus*).
 - Kolenati, 1846: 27 (*Anthophagus*; Caucasus; Transcaucasus).
 - Hochhuth, 1849: 203 (*Lesteva*; characters; Caucasus).
 - Redtenbacher, 1849: 747 (*Lesteva*; characters; Austria).
 - Kiesenwetter, 1851a: 434 (*Lesteva*; Pyrenees).
 - Hardy, 1851: 55 (*Lesteva*; notes; England).
 - Fairmaire and Laboulbène, 1856: 630 (*Lesteva*; characters; France).
 - Staudinger, 1857: 286 (*Lesteva*; notes; Iceland).
 - Redtenbacher, 1857: 244 (*Lesteva*; [**Note:** Cited as *bicolor* Fabricius]; characters; Austria).
 - Kraatz, 1857d: 932 (*Lesteva*; characters; Germany).
 - Thomson, 1859: 48 (type species of *Lesteva*).
 - Thomson, 1861: 182 (*Lesteva*; characters; Scandinavia).
 - Fauvel, 1871a: 130 [= 1872: 104] (*Lesteva*; synonym of *longoelytrata*).
 - Redtenbacher, 1874: 267 (*Lesteva*; characters; Austria).
 - Mulsant and Rey, 1880: 72 (*Lesteva*; characters; France).
 - Ganglbauer, 1895: 714 (*Lesteva*; [**Note:** Attributed to Fabricius]; synonym of *longoelytrata*).
 - Luze, 1903a: 189 (*Lesteva*; [**Note:** Attributed to Fabricius]; synonym of *longoelytrata*).
 - Bernhauer and Schubert, 1910: 71 (*Lesteva*; attributed to Fabricius; synonym of *longoelytrata*).
 - Scheerpeltz, 1933: 1063 (*Lesteva*; attributed to Fabricius; synonym of *longoelytrata*).
 - Zanetti, 1987: 353 (*Lesteva*; synonym of *longoelytrata*).
- dimidiata* Panzer, 1795: 367 (*Carabus*; Type locality: Austria).
- Panzer, 1796d: 3 (*Carabus*; [**Note:** Bernhauer and Schubert, 1910: 72 cited this reference as the original description but Panzer referred to his earlier work]; characters; illustrations; Austria).
 - Latreille, 1804: 369 (*Lesteva*; synonym of *punctulata* Latreille).
 - Latreille, 1806: 297 (*Lesteva*; synonym of *punctulata* Latreille).
 - Panzer, 1808a: 3 (*Carabus*; characters; illustrations; Austria).
 - Curtis, 1830: pl. 303 (*Lesteva*; synonym of *obscura* Paykull).
 - Heer, 1839: 192 (*Lesteva*; synonym of *obscura*).
 - Erichson, 1840: 855 (*Lesteva*; synonym of *bicolor*).
 - Kraatz, 1857d: 932 (*Lesteva*; synonym of *bicolor*).
 - Mulsant and Rey, 1880: 72 (*Lesteva*; synonym of *bicolor*).
 - Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 - Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 - Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- multipunctata* Block, 1799: 117 (*Staphylinus*; Type locality: Plauischer Grund bei Dresden).
- Erichson, 1840: 855 (*Lesteva*; synonym of *bicolor*).
 - Kraatz, 1857d: 932 (*Lesteva*; synonym of *bicolor*).
 - Zerche, 2000: 52 (*Lesteva*; synonym of *longoelytrata*).
- obscura* Paykull, 1800: 388 (*Staphylinus*; [**preoccupied**]; Type locality: Suecia; Germania).
- Gravenhorst, 1802: 122 (*Anthophagus*; characters).
 - Latreille, 1804: 368 (*Lesteva*; characters).
 - Gravenhorst, 1806: 221 (*Anthophagus*).
 - Gyllenhal, 1810: 196 (*Anthophagus*; characters).
 - Gyllenhal, 1827: 461 (*Anthophagus*).
 - C. Sahlberg, 1827: 276 (*Anthophagus*; characters; Finland).
 - Zetterstedt, 1828: 47 (*Anthophagus*; characters; Lapland).
 - Curtis, 1829: 29 (*Lesteva*; catalog; Britain).
 - Curtis, 1830: pl. 303 (*Lesteva*; habitat; Britain).

- Mannerheim, 1830: 57 (*Lesteva*; Finland; Sweden).
 - Mannerheim, 1831: 471 (*Lesteva*; Finland; Sweden).
 - Stephens, 1834: 361 (*Lesteva*; characters; England).
 - Runde, 1835: 24 (*Lesteva*; characters; Germany).
 - Lacordaire, 1835: 483 (*Lesteva*; characters; France).
 - Zetterstedt, 1838: 49 (*Anthophagus*; characters; habitat; Lapland; Sweden).
 - Heer, 1839: 192 (*Lesteva*; characters; Switzerland).
 - Stephens, 1839: 431 (*Lesteva*; characters; England).
 - Erichson, 1840: 855 (*Lesteva*; synonym of *bicolor*).
 - Laporte, 1840: 192 (*Anthophagus*; characters; France).
 - Kolenati, 1846: 27 (*Anthophagus*; synonym of *bicolor*).
 - Redtenbacher, 1849: 747 (*Lesteva*; synonym of *bicolor*).
 - Kraatz, 1857d: 932 (*Lesteva*; synonym of *bicolor*).
 - G. Waterhouse, 1858: 31 (*Lesteva*; synonym of *bicolor*).
 - Seidlitz, 1875: 241 (*Lesteva*; characters; Baltic region).
 - J. Sahlberg, 1876: 209 (*Lesteva*; synonym of *longoelytrata*).
 - Mulsant and Rey, 1880: 72 (*Lesteva*; synonym of *bicolor*).
 - Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 - Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 - Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- staphylinoides* Marsham, 1802: 464 (*Carabus*; Type locality: Britain).
- Latreille, 1804: 369 (*Lesteva*; synonym of *punctulata* Latreille).
 - Latreille, 1806: 297 (*Lesteva*; synonym of *punctulata* Latreille).
 - Curtis, 1830: pl. 303 (*Lesteva*; synonym of *obscura* Paykull).
 - Erichson, 1840: 855 (*Lesteva*; synonym of *bicolor*).
 - Kraatz, 1857d: 932 (*Lesteva*; synonym of *bicolor*).
 - Mulsant and Rey, 1880: 72 (*Lesteva*; synonym of *bicolor*).
 - Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 - Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 - Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- punctulata* Latreille, 1804: 369 (*Lesteva*; Type locality: France; Paris; Angleterre).
- Latreille, 1806: 297 (*Lesteva*; characters; France).
 - Leach, 1815: 92 (*Anthophagus*; characters; France; England).
 - Samouelle, 1819: 175 (*Lesteva*, cited as *Lestiva*; characters).
 - Heer, 1839: 192 (*Lesteva*; synonym of *obscura*).
 - Erichson, 1840: 855 (*Lesteva*; synonym of *bicolor*).
 - Kraatz, 1857d: 932 (*Lesteva*; synonym of *bicolor*).
 - Mulsant and Rey, 1880: 72 (*Lesteva*; synonym of *bicolor*).
 - Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 - Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 - Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- intermedia* Gravenhorst, 1806: 221 (*Anthophagus*; Type locality: Brunsvigae).
- Heer, 1839: 192 (*Lesteva*; synonym of *obscura*).
 - Erichson, 1840: 855 (*Lesteva*; synonym of *bicolor*).
 - Redtenbacher, 1849: 747 (*Lesteva*; synonym of *bicolor*).
 - Kraatz, 1857d: 932 (*Lesteva*; synonym of *bicolor*).
 - Mulsant and Rey, 1880: 72 (*Lesteva*; synonym of *bicolor*).
 - Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 - Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 - Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- longula* Mannerheim, 1830: 57 (*Lesteva*; Type locality: Willnäs).
- Mannerheim, 1831: 471 (*Lesteva*; Finland).
 - Erichson, 1840: 857 (*Lesteva*; characters; Finland).
 - Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).

- rufitarsis* Stephens, 1834: 362 (*Lesteva*; Type locality: Charlton Wood; Devonshire).
 — Stephens, 1839: 431 (*Lesteva*; characters; England).
 — G. Waterhouse, 1858: 31 (*Lesteva*; synonym of *bicolor*).
 — Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 — Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- impressa* Stephens, 1834: 363 (*Lesteva*; Type locality: London; Somersetshire; Barham).
 — Stephens, 1839: 432 (*Lesteva*; characters; England).
 — Hardy, 1851: 55 (*Lesteva*; notes; England).
 — G. Waterhouse, 1858: 31 (*Lesteva*; synonym of *bicolor*).
 — Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 — Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- nigripes* Stephens, 1834: 363 (*Lesteva*; Type locality: London).
 — Stephens, 1839: 432 (*Lesteva*; characters; England).
 — G. Waterhouse, 1858: 31 (*Lesteva*; synonym of *bicolor*).
 — Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 — Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- planipennis* Stephens, 1834: 363 (*Lesteva*; Type locality: Yorkshire; Bristol).
 — Holme, 1837: 64 (*Lesteva*; Scilly Islands).
 — Stephens, 1839: 432 (*Lesteva*; characters; England).
 — G. Waterhouse, 1858: 31 (*Lesteva*; synonym of *bicolor*).
 — Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 — Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- maura* Erichson, 1840: 856 (*Lesteva*; Type locality: Sardinia).
 — Redtenbacher, 1849: 747 (*Lesteva*; characters; Austria).
 — Redtenbacher, 1857: 244 (*Lesteva*; characters; Austria).
 — Kraatz, 1858b: 128 (*Lesteva*; Crete; Greece).
 — Fauvel, 1865a: 317 [= 1865b: 67] (*Lesteva*; habitat; France).
 — Redtenbacher, 1874: 266 (*Lesteva*; characters; Austria).
 — Mulsant and Rey, 1880: 75 (*Lesteva*; characters; Corsica; Sicily).
 — Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 — Luze, 1903a: 189 (*Lesteva*; “infraspecies” of *longoelytrata*; [Note: Luze did not specify whether this taxon was a subspecies, variety, form or aberration]; Sardinia).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; variety of *longoelytrata*).
 — Scheerpeltz, 1933: 1063 (*Lesteva*; variety of *longoelytrata*).
 — Pope, 1977: 22 (*Lesteva*; synonym of *longoelytrata*).
 — Tóth, 1982: 99 (*Lesteva*; variety of *longoelytrata*; characters; Hungary).
 — Zanetti, 1987: 353 (*Lesteva*; subgenus *Lesteva*; subspecies of *longoelytrata*; characters; Sardinia; Corsica).
 — Zanetti, 1995: 9 (*Lesteva*; subspecies of *longoelytrata*; Italy).
- oblonga* Motschulsky, 1857a: 493 (*Lesteva*; Type locality: chateau Starnberg en Baviere).
 — Fauvel, 1871a: 130 [= 1872: 104] (*Lesteva*; synonym of *longoelytrata*).
 — Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 — Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- major* Mulsant and Rey, 1870: 117 [= 1871: 93] (*Lesteva*; Type locality: Mont-Pilat, Loire).
 — Fauvel, 1871a: 128 [= 1872: 102] (*Lesteva*; synonym of *fontinalis*).
 — Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- dorsalis* Reitter, 1909: 184 (*Lesteva*; variety of *longoelytrata*; Type locality: Araxestal).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; variety of *longoelytrata*).

cretica Lohse and Steel, 1961: 76 (*Lesteva*; subspecies of *longoelytrata*; Type locality: Crete: Antr. Jovis, Mt. Ida, 2200 m).

— Zanetti, 1987: 353 (*Lesteva*; subgenus *Lesteva*; subspecies of *longoelytrata*; characters; Crete).

longula Mannerheim, 1830, see: *longoelytrata* Goeze, 1777.

luctuosa Fauvel, 1871a: 129 [= 1872: 103] (*Lesteva*; Type locality: Guiers-Mort, près la Grande-Chartreuse; [**Note:** See lectotype designation by Zanetti, 1986]).

— Ganglbauer, 1895: 713 (*Lesteva*; characters; French Alps).

— Luze, 1903a: 193 (*Lesteva*; characters; France; Caucasus).

— Bernhauer and Schubert, 1910: 72 (*Lesteva*; catalog).

— Portevin, 1929: 438 (*Lesteva*; characters; France).

— Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).

— Jeannel and Jarrige, 1949: 318 (*Lesteva*; characters; cave species; France).

— Horion, 1956: 3 (*Lesteva*; notes).

— Lohse, 1956a: 58 (*Lesteva*; characters; Germany).

— Horion, 1963: 132 (*Lesteva*; France; Germany; Austria; Slovakia; Germany; Austria).

— Lohse, 1964: 60 (*Lesteva*; characters; central Europe).

— Smetana, 1964c: 164 (*Lesteva*; Czechoslovakia).

— Jarrige, 1968b: 75 (*Lesteva*; France).

— Tóth, 1982: 100 (*Lesteva*; characters).

— Zanetti, 1986: 97 (*Lesteva*; lectotype designation).

— Zanetti, 1987: 358 (*Lesteva*; subgenus *Lesteva*; characters; Italy).

— Lucht, 1987: 90 (*Lesteva*; checklist; Germany; Czechoslovakia; Austria).

— Boháč, 1993: 41 (*Lesteva*; subgenus *Lesteva*; Slovakia).

— Zanetti, 1995: 9 (*Lesteva*; Italy).

— Burakowski, Mroczkowski, and Stefańska, 2000: 42 (*Lesteva*; catalog; Poland).

▲ **DISTRIBUTION:** France, Germany, Czechoslovakia, Italy, Bulgaria, Greece, Macedonia, Bosnia Hercegovina, Yugoslavia, Caucasus.

peeziana Scheerpeltz, 1957b: 481 (*Lesteva*; Type locality: Umgebung von Brixen).

— Lohse, 1964: 60 (*Lesteva*; synonym of *luctuosa*).

— Zanetti, 1987: 358 (*Lesteva*; synonym of *luctuosa*).

lusitana Lohse, 1955a: 513 (*Lesteva*; Type locality: Covilhao).

— Lohse, 1960: 3 (*Lesteva*; Iberian Peninsula).

▲ **DISTRIBUTION:** Portugal.

macroclytron Geoffroy, 1785, see: *longoelytrata* Goeze, 1777.

maculipennis Luze, 1903a: 189 (*Lesteva*; “infraspecies” of *longoelytrata*; [**Note:** Luze did not specify whether this taxon was a subspecies, variety, form or aberration]; Type locality: Kleinasien, bithynischer Olymp bei Brussa).

— Bernhauer and Schubert, 1910: 72 (*Lesteva*; variety of *longoelytrata*).

— Smetana, 1967e: 302 (*Lesteva*; valid species; characters; Turkey).

▲ **DISTRIBUTION:** Turkey.

major Rey, 1870, see: *longoelytrata* Goeze, 1777.

mariei Jarrige, 1963: 164 (*Lesteva*; Type locality: Bagnères de Bigorre, Hautes Pyrénées).

▲ **DISTRIBUTION:** France.

mateui Jarrige, 1954: 77 (*Lesteva*; Type locality: Spain: Sierra Nevada, Corral del Veleta).

▲ **DISTRIBUTION:** Spain.

cobosi Coiffait, 1970c: 110 (*Lesteva*; Type locality: Fuente Bermejo, La Iruela, Sierra de Cazorla, Andalousie).

— Outerelo, 1980a: 54 (*Lesteva*; Spain).

— Lohse, 1987: 135 (*Lesteva*; synonym of *mateui*).

maura Erichson, 1840, see: *longoelytrata* Goeze, 1777.

minima Watanabe, 1990: 153 (*Lesteva*; Type locality: Japan: Honshu: Tokyo Pref.: Nippara, Oku-Tama).

▲ **DISTRIBUTION:** Japan.

miyabi Watanabe, 1990: 175 (*Lesteva*; Type locality: Japan: Honshu: Gunma Pref.: near Marunuma, Oku-Nikkô).

▲ **DISTRIBUTION:** Japan.

miyamorii Watanabe, 1990: 174 (*Lesteva*; Type locality: Japan: Hokkaido: Muroran Iburi).

▲ **DISTRIBUTION:** Japan.

mollis Rougemont, 2000: 151 (*Lesteva*; Type locality: China: Zhejiang Prov., Anji County, ca. 500 m, Long Wang Shan N.R.).

▲ **DISTRIBUTION:** China.

monticola Kiesenwetter, 1847: 77 (*Lesteva*; Type locality: Riesengebirge).

- Redtenbacher, 1849: 828 (*Lesteva*; characters).
- Redtenbacher, 1857: 245 (*Lesteva*; characters; Germany).
- Kraatz, 1857d: 933 (*Lesteva*; characters; Germany).
- Fauvel, 1865a: 317 [= 1865b: 67] (*Lesteva*; habitat; France).
- Fauvel, 1871a: 131 [= 1872: 105] (*Lesteva*; characters; France; Britain; Germany; Switzerland).
- Redtenbacher, 1874: 267 (*Lesteva*; characters; Germany).
- Mulsant and Rey, 1880: 75 (*Lesteva*; characters; France).
- Ganglbauer, 1895: 714 (*Lesteva*; characters; Europe).
- Luze, 1903a: 190 (*Lesteva*; characters; central Europe).
- Poppus, 1905: 11 (*Lesteva*; Shetland Islands).
- Reitter, 1909: 184 (*Lesteva*; characters; Germany).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; catalog).
- Portevin, 1929: 437 (*Lesteva*; characters; France).
- Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).
- Palm, 1948: 120 (*Lesteva*; characters; Sweden; Norway; Finland).
- Lohse, 1956a: 56 (*Lesteva*; characters; Germany).
- Lohse, 1960: 4 (*Lesteva*; Iberian Peninsula).
- Horion, 1963: 130 (*Lesteva*; Iceland; Britain; Norway; Sweden; Finland; Czech Republic; Slovakia; Poland; Austria; Germany; Italy; Switzerland; France; Belgium; Bosnia; Greece).
- Lohse, 1964: 60 (*Lesteva*; characters; central Europe).
- Jarrige, 1968b: 75 (*Lesteva*; France).
- Steel, 1970a: 21 (*Lesteva*; biological notes).
- Pope, 1977: 22 (*Lesteva*; Britain).
- Hammond, 1980: 136 (*Lesteva*; need confirmation in Ireland).
- Tóth, 1982: 100 (*Lesteva*; characters).
- Zanetti, 1984: 77 (*Lesteva*; Bulgaria).
- Zanetti, 1987: 355 (*Lesteva*; subgenus *Lesteva*; characters; Italy).
- Lucht, 1987: 89 (*Lesteva*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux).
- Siitonen, 1993: 227 (*Lesteva*; notes; Finland).
- Boháč, 1993: 41 (*Lesteva*; subgenus *Lesteva*; Slovakia; Czech Republic).
- Zanetti, 1995: 9 (*Lesteva*; Italy).
- Zanetti and Sabella, 1998: 33 (*Lesteva*; Sicily).
- Assing, Frisch, Kahlen, et al., 1998: 125 (*Lesteva*; note).

▲ **DISTRIBUTION:** Europe, Turkey.

collina Haliday, 1855: 11 (*Lesteva*; variety of *bicolor*; Type locality: Lugnaquilla and Brandon).

- Fauvel, 1871a: 131 [= 1872: 105] (*Lesteva*; synonym of *monticola*).
- Ganglbauer, 1895: 714 (*Lesteva*; synonym of *monticola*).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *monticola*).

sharpi Rye, 1866: 124 (*Lesteva*; Type locality: Scotland: Gareloch-head; Rannoch).

- Fauvel, 1869: 493 (*Lesteva*; synonym of *monticola*).
- Fauvel, 1871a: 131 [= 1872: 105] (*Lesteva*; synonym of *monticola*).
- Mulsant and Rey, 1880: 76 (*Lesteva*; synonym of *monticola*).
- Fowler, 1888: 401 (*Lesteva*; characters; Britain).

- Ganglbauer, 1895: 714 (*Lesteva*; synonym of *monticola*).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *monticola*).
- Scheerpeltz, 1933: 1064 (*Lesteva*; synonym of *monticola*).
- Pope, 1977: 22 (*Lesteva*; synonym of *monticola*).

nivicola Fauvel, 1871a: 130 [= 1872: 104] (*Lesteva*; Fauvel cited *nivicola* as a manuscript name of Kraatz and as a synonym of *longoelytrata* but Fauvel also cited characters for the species; Type locality: Not cited).

- Ganglbauer, 1895: 714 (*Lesteva*; synonym of *longoelytrata*).
- Luze, 1903a: 189 (*Lesteva*; synonym of *longoelytrata*).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *longoelytrata*).
- Lohse, 1956a: 56 (*Lesteva*; cited as valid species; characters; Germany).
- Horion, 1963: 131 (*Lesteva*; Holland; Belgium; Germany; Austria; Italy; Switzerland).
- Lohse, 1964: 60 (*Lesteva*; characters; central Europe).
- Smetana, 1967e: 303 (*Lesteva*; Turkey).
- Jarrige, 1968b: 75 (*Lesteva*; notes; France).
- Korge, 1971a: 6 (*Lesteva*; Turkey).
- Tóth, 1982: 99 (*Lesteva*; characters).
- Zanetti, 1984: 77 (*Lesteva*; valid species? or ecological race? of *monticola*; Bulgaria).
- Zanetti, 1987: 355 (*Lesteva*; synonym of *monticola*).
- Lucht, 1987: 89 (*Lesteva*; checklist; Germany; Poland; Austria; Switzerland; Benelux).
- Boháč, 1993: 41 (*Lesteva*; subgenus *Lesteva*; [Note: I assume the synonymy with *monticola* was overlooked]; Slovakia; Czech Republic).
- Assing, Frisch, Kahlen, et al., 1998: 125 (*Lesteva*; synonym of *monticola*).

pandellei Fauvel, 1871: 18 (*Lesteva*; Type locality: Gavarnie, Hautes-Pyrénées).

- Fauvel, 1871a: 129 [= 1872: 103] (*Lesteva*; characters; France).
- Fauvel, 1876a: 53 [= 1876: 238] (*Lesteva*; Spain).
- Mulsant and Rey, 1880: 79 (*Lesteva*; characters; France).
- Ganglbauer, 1895: 713 (*Lesteva*; characters; Italian and French Alps; Pyrenees).
- Fauvel, 1902b: 56 (*Lesteva*; Algeria).
- Luze, 1903a: 195 (*Lesteva*; characters; Pyrenees; France and Italian Alps; Dalmatia).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; catalog).
- Portevin, 1929: 438 (*Lesteva*; characters; France).
- Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).
- Horion, 1935: 170 (*Lesteva*; characters; Germany).
- Jeannel and Jarrige, 1949: 315, 317 (*Lesteva*; subgenus *Lestevella*; characters; cave species; Spain).
- Zanetti, 1987: 355 (*Lesteva*; synonym of *monticola*).

karnoschizkyi Scheerpeltz, 1937b: 192 (*Lesteva*; Type locality: Bulgarien: Massiv des Masalat, Schipka-Balkan, ca. 1900 m).

- Zanetti, 1984: 77 (*Lesteva*; synonym of *monticola*).
- Zanetti, 1987: 355 (*Lesteva*; synonym of *monticola*).

montenegrina Bordoni, 1987, see: *longicornis* Bernhauer, 1929.

morvani Jarrige, 1971: 489 (*Lesteva*; Type locality: Iran: Elbourz, Massif du Kuh-I-Kahar, à 10 km de Gash-I-Sar, alt. 3000 m. versant N.).

▲ **DISTRIBUTION:** Iran.

multipunctata Block, 1799, see: *longoelytrata* Goeze, 1777.

muscorum Jacquelin du Val, 1859, see: *punctata* Erichson, 1839.

nigra Kraatz, 1857, see: *fontinalis* Kiesenwetter, 1850.

nigripes Stephens, 1834, see: *longoelytrata* Goeze, 1777.

nipponica Watanabe, 1990: 164 (*Lesteva*; Type locality: Japan: Honshu: Nara Pref.: Mt. Kasuga-yama).

▲ **DISTRIBUTION:** Japan.

- nitidicollis** Lohse and Steel, 1961: 72 (*Lesteva*; Type locality: Crete: Antr. Jovis, Mt. Ida).
 ▲ **DISTRIBUTION:** Crete.
- nivalis** Rougemont, 2000: 151 (*Lesteva*; Type locality: China: W. Sichuan [15], Daxue Shan, Hailuoguo Glacier Park, Camp 2, 2550–2700 m, 29.35.16N, 102.01.53E).
 ▲ **DISTRIBUTION:** China.
- nivicola* Fauvel, 1871, see: *monticola* Kiesenwetter, 1847.
- nova** Bernhauer, 1902c: 60 (*Lesteva*; Type locality: Turkestan, Aulie Ata).
 — Luze, 1903a: 191 (*Lesteva*; characters; Russisches Zentralasien, Provinz Sir Daja, Aulie Ata).
 — Tikhomirova, 1973a: 140 (*Lesteva*; checklist; Central Asia).
 — Bernhauer and Schubert, 1910: 72 (*Lesteva*; catalog).
 ▲ **DISTRIBUTION:** Kazakhstan.
- oblonga* Motschulsky, 1857, see: *longoelytrata* Goeze, 1777.
- obscura* Paykull, 1800, see: *longoelytrata* Goeze, 1777.
- omissa** Mulsant and Rey, 1880: 71 (*Lesteva*; Type locality: Corse).
 — Ganglbauer, 1895: 713 (*Lesteva*; synonym of *fontinalis*).
 — Luze, 1903a: 195 (*Lesteva*; synonym of *fontinalis*).
 — Bernhauer and Schubert, 1910: 71 (*Lesteva*; synonym of *fontinalis*).
 — Lohse, 1955: 510 (*Lesteva*; characters; Corsica; Italy).
 — Zanetti, 1987: 363 (*Lesteva*; subgenus *Lesteva*; characters; Italy).
 — Zanetti, 1995: 9 (*Lesteva*; Italy).
 — Zanetti and Sabella, 1998: 34 (*Lesteva*; notes; Sicily).
 — Assing, Frisch, Kahlen, et al., 1998: 125 (*Lesteva*; note).
 ▲ **DISTRIBUTION:** Corsica, Italy, Germany, Austria, Switzerland.
- carinthiaca* Lohse, 1955: 508 (*Lesteva*; Type locality: Millstadt in Kärnten).
 — Lohse, 1956a: 55 (*Lesteva*; characters; Germany).
 — Horion, 1963: 128 (*Lesteva*; Germany; Austria; Italy; Switzerland).
 — Lohse, 1964: 59 (*Lesteva*; characters; central Europe).
 — Jarrige, 1968b: 75 (*Lesteva*; France).
 — Zanetti, 1986: 96 (*Lesteva*; subspecies of *omissa*).
 — Lucht, 1987: 90 (*Lesteva*; checklist; Germany; Austria; Switzerland).
 — Zanetti, 1987: 363 (*Lesteva*; subgenus *Lesteva*; subspecies of *omissa*; characters; Italy).
 — Zanetti, 1995: 9 (*Lesteva*; subspecies of *omissa*; Italy).
 — Assing, Frisch, Kahlen, et al., 1998: 125 (*Lesteva*; synonym of *omissa*).
- peezi* Scheerpeltz, 1957b: 478 (*Lesteva*; Type locality: Altprags; Plabach bei Brixen).
 — Lohse, 1964: 59 (*Lesteva*; synonym of *carinthiaca*).
 — Zanetti, 1987: 363 (*Lesteva*; synonym of *omissa carinthiaca*).
- pakistana** Coiffait, 1984: 141 (*Lesteva*; Type locality: Pakistan: Murree-Abbottabad, 2200–2500 m).
 ▲ **DISTRIBUTION:** Pakistan.
- pallipes** LeConte, 1863a: 55 (*Lesteva*; Type locality: Pennsylvania; Maryland).
 — Fauvel, 1878d: 248 [= 1878e: 84] (*Lesteva*; characters; Lake Superior; Pennsylvania; Alabama; Maryland; Massachusetts; New Hampshire).
 — Casey, 1894: 399 (*Pseudolesteva*).
 — Bernhauer and Schubert, 1910: 73 (*Paralesteva*; catalog).
 — Blatchley, 1910: 476 (*Lesteva*; characters; Indiana).
 — Notman, 1920a: 180 (*Paralesteva*; New York).
 — Moore and Legner, 1975: 194 (*Lesteva*; catalog).
 — Campbell and Davies, 1991: 90 (*Lesteva*; checklist of species; Canada).
 — Downie and Arnett, 1996: 438 (*Lesteva*; characters; USA).
 ▲ **DISTRIBUTION:** Canada, USA.
- biguttula* LeConte, 1863a: 55 (*Lesteva*; Type locality: north shore of Lake Superior).
 — Bernhauer and Schubert, 1910: 73 (*Paralesteva*; synonym of *pallipes*).

picescens LeConte, 1863a: 55 (*Lesteva*; Type locality: Alabama).

— Bernhauer and Schubert, 1910: 73 (*Paralesteva*; synonym of *pallipes*).

pandellei Fauvel, 1871, see: *monticola* Kiesenwetter, 1847.

peezi Scheerpeltz, 1957, see: *omissa* Rey, 1880.

peezi Scheerpeltz, 1957, see: *luctuosa* Fauvel, 1871.

persimilis Cameron, 1930c: 182 (*Lesteva*; Type locality: Kobe).

— Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).

— Watanabe, 1990: 162 (*Lesteva*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

picescens LeConte, 1863, see: *pallipes* LeConte, 1863.

plagiata Sharp, 1889: 472 (*Lesteva*; Type locality: Yokohama, Oyayama, Miyanoshita).

— Bernhauer and Schubert, 1910: 72 (*Lesteva*; catalog).

— Cameron, 1949b: 460 (*Lesteva*; Japan, Formosa).

— Nakane, 1963a: 83 (*Lesteva*; characters; habitus photograph; Japan).

— Watanabe, 1990: 155 (*Lesteva*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

planipennis Stephens, 1834, see: *longoelytrata* Goeze, 1777.

pourtoyi Jarrige, 1972: 158 (*Lesteva*; Type locality: Cirque de Mahourat, Pyr.-Atl.).

▲ **DISTRIBUTION:** France.

praeses Fauvel, 1900: 223 (*Lesteva*; Type locality: Corse; [**Note:** See lectotype designation by Zanetti, 1986]).

— Luze, 1903a: 184 (*Lesteva*; characters; Corsica).

— Sainte-Claire Deville, 1906: 71 (*Lesteva*; Corsica).

— Bernhauer and Schubert, 1910: 73 (*Lesteva*; catalog).

— Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).

— Zanetti, 1986: 97 (*Lesteva*; lectotype designation).

— Zanetti, 1987: 357 (*Lesteva*; subgenus *Lesteva*; characters; Corsica).

▲ **DISTRIBUTION:** Corsica.

pubescens Mannerheim, 1830: 57 (*Lesteva*; Type locality: Sweden: Wetteren).

— Mannerheim, 1831: 471 (*Lesteva*; Sweden).

— Erichson, 1839a: 617 (*Lesteva*; characters; Germany).

— Heer, 1839: 192 (*Lesteva*; characters; Switzerland).

— Erichson, 1840: 856 (*Lesteva*; characters; Germany).

— Redtenbacher, 1849: 748 (*Lesteva*; characters; Austria).

— Kiesenwetter, 1851a: 434 (*Lesteva*; France).

— Fairmaire and Laboulbène, 1856: 630 (*Lesteva*; characters; France).

— Motschulsky, 1858d: 72 (*Lesteva*; synonym of *bicolor*).

— Redtenbacher, 1857: 244 (*Lesteva*; characters; Austria).

— Kraatz, 1857d: 931 (*Lesteva*; characters; Germany).

— Thomson, 1861: 183 (*Lesteva*; characters; Scandinavia).

— Fauvel, 1865a: 317 [= 1865b: 67] (*Lesteva*; habitat; France).

— Fauvel, 1871a: 127 [= 1872: 101] (*Lesteva*; characters; France; Scandinavia; Britain; Germany; Switzerland; Austria; Italy).

— Fauvel, 1874: 323 [= 1874b: 29] (*Lesteva*; Russia).

— Redtenbacher, 1874: 267 (*Lesteva*; characters; Austria).

— Seidlitz, 1875: 241 (*Lesteva*; characters; Baltic region).

— Mulsant and Rey, 1880: 66 (*Lesteva*; characters; France).

— Fowler, 1888: 402 (*Lesteva*; characters; Britain).

— Ganglbauer, 1895: 713 (*Lesteva*; characters; north and middle Europe).

— Luze, 1903a: 196 (*Lesteva*; characters; northern and central Europe).

— Reitter, 1909: 184 (*Lesteva*; characters; Germany).

— Bernhauer and Schubert, 1910: 73 (*Lesteva*; catalog).

— Johansen, 1914: 589 (*Lesteva*; characters; Denmark).

- Portevin, 1929: 437 (*Lesteva*; characters; France).
- Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).
- Palm, 1948: 120 (*Lesteva*; characters; Sweden; Denmark; Norway).
- Jeannel and Jarrige, 1949: 315, 316 (*Lesteva*; subgenus *Lestevella*; characters; notes; cave species; France).
- Lohse, 1956a: 55 (*Lesteva*; characters; Germany).
- Horion, 1963: 127 (*Lesteva*; Britain; Norway; Sweden; Finland; Denmark; Holland; Belgium; Switzerland; France; Spain; Sardinia; Italy; Romania; Hungary; Czechoslovakia; Poland; Russia; Germany; Austria).
- Lohse, 1964: 60 (*Lesteva*; characters; central Europe).
- Jarrige, 1968b: 75 (*Lesteva*; France).
- Steel, 1970a: 21 (*Lesteva*; biological notes).
- Pope, 1977: 22 (*Lesteva*; Britain).
- Tóth, 1982: 100 (*Lesteva*; characters; Hungary).
- Frank, 1982: 8 (*Lesteva*; list of parasites).
- Zanetti, 1987: 366 (*Lesteva*; subgenus *Lesteva*; characters; Italy).
- Lucht, 1987: 90 (*Lesteva*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
- Boháč, 1993: 41 (*Lesteva*; subgenus *Lesteva*; Slovakia; Czech Republic).
- Zanetti, 1995: 9 (*Lesteva*; Italy).
- Bordoni and Oromi, 1998: 1157 (*Lesteva*; facultative cave species; caves in France).

▲ **DISTRIBUTION:** Europe, Russia.

subaptera Mulsant and Rey, 1880: 69 (*Lesteva*; variety of *pubescens*; Type locality: Not cited).

- Ganglbauer, 1895: 713 (*Lesteva*; variety of *pubescens*).
- Luze, 1903a: 196 (*Lesteva*; synonym of *pubescens*).
- Bernhauer and Schubert, 1910: 73 (*Lesteva*; synonym of *pubescens*).
- Jarrige, 1946a: 111 (*Lesteva*, cited as *Lestera*; subspecies of *pubescens*; France).
- Jarrige, 1968b: 75 (*Lesteva*; synonym of *pubescens*).
- Zanetti, 1987: 367 (*Lesteva*; synonym of *pubescens*).

reyi Jarrige, 1968b: 75 (*Lesteva*; subspecies of *pubescens*; Type locality: Pyrénées, up to 1200 m).

- Zanetti, 1987: 367 (*Lesteva*; synonym of *pubescens*).

pulcherrima Rougemont, 2000: 164 (*Lesteva*; Type locality: China: Zhejiang Prov., Anji County, ca. 1000 m, Long Wang Shan N.R.).

▲ **DISTRIBUTION:** China.

punctata Erichson, 1839a: 618 (*Lesteva*; Type locality: Mark Brandenburg).

- Erichson, 1840: 857 (*Lesteva*; characters; Germany).
- Redtenbacher, 1849: 747 (*Lesteva*; characters; Austria).
- Hardy, 1851: 55 (*Lesteva*; synonym of *impressa*).
- Fairmaire and Laboulbène, 1856: 630 (*Lesteva*; characters; France).
- Redtenbacher, 1857: 244 (*Lesteva*; characters; Austria).
- Kraatz, 1857d: 934 (*Lesteva*; characters; Germany).
- Fauvel, 1865a: 317 [= 1865b: 67] (*Lesteva*; habitat; France).
- Thomson, 1867: 310 (*Lesteva*; characters; Scandinavia).
- Thomson, 1867a: 48 (*Lesteva*; characters; Scandinavia).
- Fauvel, 1871a: 131 [= 1872: 105] (*Lesteva*; characters; France; Britain; Switzerland; Italy; Austria).
- Redtenbacher, 1874: 266 (*Lesteva*; characters; Austria).
- Fauvel, 1876a: 53 [= 1876: 238] (*Lesteva*; Germany).
- Seidlitz, 1875: 241 (*Lesteva*; characters; Baltic region).
- Mulsant and Rey, 1880: 82 (*Lesteva*; characters; France).
- Fowler, 1888: 402 (*Lesteva*; characters; Britain).
- Ganglbauer, 1895: 714 (*Lesteva*; characters; middle Europe).
- Luze, 1903a: 184 (*Lesteva*; characters; central Europe; Caucasus).

- Reitter, 1909: 184 (*Lesteva*; characters; Germany).
- Bernhauer and Schubert, 1910: 73 (*Lesteva*; catalog).
- Johansen, 1914: 590 (*Lesteva*; characters; Denmark).
- Portevin, 1929: 438 (*Lesteva*; characters; France).
- Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).
- Palm, 1948: 118 (*Lesteva*; characters; Sweden; Denmark; Norway).
- Tottenham, 1949: 408 (*Lesteva*; checklist; Britain).
- Jeannel and Jarrige, 1949: 313, 322 (*Lesteva*; subgenus *Lestevidia*; characters; notes; cave species; Serbia).
- Lohse, 1956a: 54 (*Lesteva*; characters; Germany).
- Horion, 1963: 125 (*Lesteva*; Britain; Norway; Sweden; Denmark; Holland; Belgium; Switzerland; France; Iberian Peninsula ?; Italy; Dalmatia; Bosnia Hercegovina; Bulgaria; Serbia; Macedonia; Greece; Turkey; Romania; Hungary; Czechoslovakia; Poland; Russia; Germany; Austria).
- Lohse, 1964: 59 (*Lesteva*; characters; central Europe).
- Smetana, 1967e: 300 (*Lesteva*; Turkey).
- Scheerpeltz, 1968a: 16 (*Lesteva*; catalog; Austria).
- Tikhomirova, 1973a: 140 (*Lesteva*; checklist; USSR).
- Pope, 1977: 22 (*Lesteva*; Britain).
- Zanetti, 1978b: 84 (*Lesteva*; collecting notes; Italy).
- Muona, 1979: 18 (*Lesteva*; Sweden; Norway; Denmark).
- Burakowski, Mroczkowski, and Stefańska, 1979: 67 (*Lesteva*; catalog; Poland).
- Hammond, 1980: 136 (*Lesteva*; Ireland).
- Tóth, 1980: 98 (*Lesteva*; subgenus *Lestevidia*; Hungary).
- Tóth, 1982: 98 (*Lesteva*; characters; Hungary).
- Bordoni, 1982b: 27 (*Lesteva*; subgenus *Lestevidia*; collected from moss; ecological notes; Italy).
- Zanetti, 1984: 77 (*Lesteva*; Bulgaria).
- Terlutter, 1984: 29, 42 (*Lesteva*; notes; Germany).
- Lucht, 1987: 87 (*Lesteva*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Belgium; Netherlands; Luxembourg; Denmark; Sweden).
- Zanetti, 1987: 339 (*Lesteva*; subgenus *Lestevidia*; characters; Italy).
- Gusarov, 1989: 6 (*Lesteva*; habitat notes; Ukraine).
- K. Koch, 1989: 232 (*Lesteva*; habitat).
- Silfverberg, 1992: 22 (*Lesteva*; Sweden; Norway; Denmark; Estonia).
- Boháč, 1993: 41 (*Lesteva*; subgenus *Lestevidia*; Czech Republic; Slovakia).
- Kocian, 1993b: 92 (*Lesteva*; Czech Republic).
- Gerardi and Zanetti, 1995: 143 (*Lesteva*; collecting notes; Italy).
- Zanetti, 1995: 9 (*Lesteva*; Italy).
- M. Hansen, Mahler, Palm, and Pedersen, 1996: 241 (*Lesteva*; Denmark).
- M. Hansen, 1996: 95 (*Lesteva*; checklist; Denmark).
- Ádám, 1996: 239 (*Lestevidia*; synonym of *villosa*).
- Anderson, Nash, and O'Connor, 1997: 16 (*Lesteva*; Ireland).
- M. Hansen, Palm, Pedersen, and Runge, 1998: 70 (*Lesteva*; Denmark).
- Zanetti and Sabella, 1998: 33 (*Lesteva*; notes; Sicily).
- Herman, 2001: 20 (*Lesteva*; prevailing use as valid maintained pending outcome of application to Commission under Article 23.9.3).

▲ **DISTRIBUTION:** Europe, Turkey.

villosa Waltl, 1838: 268 (*Anthophagus*; [**Note:** This name is older than *punctata*]; Type locality: Bayern).

- Erichson, 1840: 933 (*Lesteva*; synonym of *punctata*).
- Kraatz, 1857d: 934 (*Lesteva*; synonym of *punctata*).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *punctata*).
- Ádám, 1996: 239 (*Lestevidia*; valid name; Hungary).
- Herman, 2001: 20 (*Lesteva*; synonym of *punctata*).

riparia Heer, 1839: 193 (*Lesteva*; Type locality: Genf).

- Heer, 1841: 572 (*Lesteva*; variety of *punctata*).
- Kraatz, 1857d: 934 (*Lesteva*; synonym of *punctata*).
- Fauvel, 1869: 493 (*Lesteva*; synonym of *punctata*).
- Fauvel, 1871a: 131 [= 1872: 105] (*Lesteva*; synonym of *punctata*).
- Mulsant and Rey, 1880: 82 (*Lesteva*; synonym of *punctata*).
- Ganglbauer, 1895: 714 (*Lesteva*; synonym of *punctata*).
- Luze, 1903a: 184 (*Lesteva*; synonym of *punctata*).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *punctata*).

muscorum Jacquelin du Val, 1859: 37 (*Lesteva*; Type locality: Pyrénées Orientales).

- Fauvel, 1871a: 131 [= 1872: 105] (*Lesteva*; synonym of *punctata*).
- Mulsant and Rey, 1880: 82 (*Lesteva*; synonym of *punctata*).
- Fowler, 1888: 402 (*Lesteva*; synonym of *punctata*).
- Ganglbauer, 1895: 714 (*Lesteva*; synonym of *punctata*).
- Luze, 1903a: 184 (*Lesteva*; synonym of *punctata*).
- Bernhauer and Schubert, 1910: 72 (*Lesteva*; synonym of *punctata*).

punctulata Latreille, 1804, see: *longoelytrata* Goeze, 1777.

reyi Jarrige, 1968, see: *pubescens* Mannerheim, 1830.

riparia Heer, 1839, see: *punctata* Erichson, 1839.

rufimarginata Rougemont, 2000: 168 (*Lesteva*; Type locality: China: Shaanxi, Qin Ling Shan, Mountain W pass at Autoroute at km 70, 46 km S. Xian, 108.47E, 33.51 N, 2300–2500 m).

▲ **DISTRIBUTION:** China.

rufitarsis Stephens, 1834, see: *longoelytrata* Goeze, 1777.

rufopunctata Rougemont, 2000: 162 (*Lesteva*; Type locality: China: Zhejiang, Moganshan).

▲ **DISTRIBUTION:** China.

sajanensis Zerche, 2000a: 68 (*Lesteva*; Type locality: Zap. Sajan, Chrebet Kulumys und Ojskij pereval im Ermakovskij Rajon).

▲ **DISTRIBUTION:** Russia.

sbordonii Bordoni, 1973h: 230 (*Lesteva*; subgenus *Lestevina*; Type locality: Campania, Grava dei Gentili, S. Angelo a Fasanella, Salerno).

- Zanetti, 1987: 346 (*Lesteva*; subgenus *Lestevina*; characters; Italy).
- Bordoni, 1987b: 94 (*Lesteva*; characters).
- Zanetti, 1995: 9 (*Lesteva*; Italy).
- Bordoni and Oromi, 1998: 1150 (*Lesteva*; subgenus *Lestevina*; cave species; notes).

▲ **DISTRIBUTION:** Italy.

septemmaculata Rougemont, 2000: 167 (*Lesteva*; Type locality: China: Shaanxi, Qin Ling Shan, 118 km E. Xian, 110.06E, 34.27N, 1200–1400 m).

▲ **DISTRIBUTION:** China.

sharpi Rye, 1866, see: *monticola* Kiesenwetter, 1847.

shikokuana Watanabe, 1990: 160 (*Lesteva*; Type locality: Japan: Khikoku: Ehime Pref.: Omogokei).

▲ **DISTRIBUTION:** Japan.

shibatai Watanabe, 1990: 158 (*Lesteva*; Type locality: Japan: Honshu: Tochigi Pref.: near Kôtoku-numa).

- Watanabe and Baba 1973: 260 (*Lesteva*; [Note: Misidentified as *plagiata* according to Watanabe, 1996a: 9]; collected in gold mines; Japan).
- Watanabe, 1996a: 9 (*Lesteva*; mine collection; Japan).

▲ **DISTRIBUTION:** Japan.

sicula Erichson, 1840: 857 (*Lesteva*; Type locality: Sicilia).

- Jacquelin du Val, 1857: pl. 25, fig. 124 (*Lesteva*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 71 cited *punctata* Jacquelin du Val as a synonym of *heeri*; Jacquelin du Val did not describe the species as new, he attributed it to Erichson]; illustration).
- Fauvel, 1886: 96 [= 1886a: 88] (*Lesteva*; notes; Algeria).
- Fowler, 1888: 402 (*Lesteva*; characters; Britain).
- Fauvel, 1902b: 56 (*Lesteva*; Algeria; Tunisia).
- Luze, 1903a: 185 (*Lesteva*; characters; Europe).
- Reitter, 1909: 184 (*Lesteva*; characters; Germany).
- Bernhauer and Schubert, 1910: 73 (*Lesteva*; catalog).
- Johansen, 1914: 590 (*Lesteva*; characters; Denmark).
- Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).
- Lohse, 1960: 3 (*Lesteva*; Iberian Peninsula).
- Scheerpeltz, 1961d: 117 (*Lesteva*; Italy).
- Bordoni, 1973h: 234 (*Lesteva*; subgenus *Lestevina*).
- Pope, 1977: 22 (*Lesteva*; synonym of *heeri*).
- Zanetti, 1987: 342 (*Lesteva*; subgenus *Lestevina*; characters; Italy).
- Lucht, 1987: 89 (*Lesteva*; checklist).
- L. Hansen and Sagvolden, 1995: 134 (*Lesteva*; collection notes; Norway).
- Sparacio, 1995: 142 (*Lesteva*; characters; notes; Sicily).
- Zanetti, 1995: 9 (*Lesteva*; Italy).
- Zanetti and Sabella, 1998: 33 (*Lesteva*; Sicily).
- ▲ **DISTRIBUTION:** Europe, Algeria, Tunisia.

heeri Fauvel, 1871a: 132 [= 1872: 106] (*Lesteva*; Type locality: Lille; Paris; Caen; Morlaix; Tarbes; Scandinavia; Britain; Germany).

- Seidlitz, 1875: 241 (*Lesteva*; characters; Baltic region).
- Mulsant and Rey, 1880: 84 (*Lesteva*; characters; France).
- Ganglbauer, 1895: 714 (*Lesteva*; synonym of *sicula*).
- Ganglbauer, 1895: 714 (*Lesteva*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 71 cited *sicula* Ganglbauer as a synonym of *heeri*; Ganglbauer did not describe the species as new, he attributed it to Erichson]; characters; Europe).
- Luze, 1903a: 185 (*Lesteva*; synonym of *sicula*).
- Bernhauer and Schubert, 1910: 71 (*Lesteva*; catalog).
- Portevin, 1929: 438 (*Lesteva*; characters; France).
- Scheerpeltz, 1933: 1063 (*Lesteva*; catalog).
- Palm, 1948: 119 (*Lesteva*; characters; Sweden; Denmark).
- Lohse, 1956a: 54 (*Lesteva*; characters; Germany).
- Horion, 1963: 126 (*Lesteva*; subspecies of *sicula*; Spain; France; Belgium; Holland; Britain; Denmark; Sweden; Germany).
- Lohse, 1964: 59 (*Lesteva*; subspecies of *sicula*; characters; central Europe).
- Kasule, 1968: 136 (*Lesteva*; larval characters).
- Kasule, 1968a: 70 (*Lesteva*; life history).
- Steel, 1970a: 21 (*Lesteva*; cited as valid species; biological notes).
- Bordoni, 1973h: 234 (*Lesteva*; subgenus *Lestevina*).
- Pope, 1977: 22 (*Lesteva*; Britain).
- Hammond, 1980: 136 (*Lesteva*; Ireland).
- Tóth, 1982: 98 (*Lesteva*; subspecies of *sicula*; characters).
- Frank, 1982: 8 (*Lesteva*; list of parasites).
- Zanetti, 1987: 342 (*Lesteva*; subgenus *Lestevina*; subspecies of *sicula*; characters; Italy).
- Lucht, 1987: 89 (*Lesteva*; subspecies of *sicula*; checklist; Germany; France; Benelux; Denmark; Sweden).
- Welch, 1993: 227 (*Lesteva*; ovariole number and ovary structure).
- Boháč, 1993: 41 (*Lesteva*; subgenus *Lestevina*; subspecies of *sicula*; Slovakia).
- M. Hansen, 1996: 95 (*Lesteva*; synonym of *sicula*).
- Dauphin, Laguerre, Tamisier, and Teissier, 1997: 20 (*Lesteva*; subspecies of *sicula*; France).
- Owen, 1997a: 148 (*Lesteva*; cited as valid species; collecting sites; Ireland).

- soror** Smetana, 1967e: 300 (*Lesteva*; Type locality: Türkei: Yeniköy, Toros).
 ▲ **DISTRIBUTION:** Turkey.
- staphylinoides* Marsham, 1802, see: *longoelytrata* Goeze, 1777.
- steeli** Lohse, 1982: 203 (*Lesteva*; Type locality: India: Kashmir, Gulmarg).
 ▲ **DISTRIBUTION:** India.
- subaptera* Mulsant and Rey, 1880, see: *pubescens* Mannerheim, 1830.
- submaculata** Rougemont, 2000: 160 (*Lesteva*; Type locality: China: Zhejiang Prov., Anji County, ca 500 m, Long Wang Shan N.R.).
 ▲ **DISTRIBUTION:** China.
- suturalis* Lacordaire, 1835, see: *Geodromicus*.
- syriaca** Luze, 1903a: 192 (*Lesteva*; Type locality: Syrien: Beirut, Appl).
 — Bernhauer and Schubert, 1910: 73 (*Lesteva*; catalog).
 ▲ **DISTRIBUTION:** Lebanon.
- szekessyi** Lohse and Steel, 1961: 74 (*Lesteva*; Type locality: Crete: Antr. Jovis, Mt. Ida, 2200 m).
 ▲ **DISTRIBUTION:** Crete.
- taygetana** Lohse, 1955a: 512 (*Lesteva*; subgenus *Lestevidia*; Type locality: Taygetos, Peloponnes).
 ▲ **DISTRIBUTION:** Greece.
- torrentum** Cameron, 1924b: 171 (*Lesteva*; Type locality: Mussorie District, 6500 to 7000 feet).
 — Cameron, 1930: 159 (*Lesteva*; characters; India).
 — Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).
 — Lohse, 1982: 201, 204 (*Lesteva*; characters; India).
 ▲ **DISTRIBUTION:** India.
- transcaspica** Bernhauer, 1935a: 39 (*Lesteva*; Type locality: Transkaspien: Ljutfabad).
 — Tikhomirova, 1973a: 140 (*Lesteva*; checklist; Central Asia).
 ▲ **DISTRIBUTION:** Turkmenistan.
- truncata* Casey, 1885, see: *Unamis*.
- truncata* Lohse, 1960, see: *fontinalis* Kiesenwetter, 1850.
- tsushimae** Watanabe, 1990: 170 (*Lesteva*; Type locality: Japan: Nagasaki Pref.: Tsushima Is., Izuhara).
 ▲ **DISTRIBUTION:** Japan.
- turcica** Smetana, 1967e: 305 (*Lesteva*; Type locality: Türkei: Yeniköy, Toros).
 — Tikhomirova, 1973a: 140 (*Lesteva*; cited as *turcica* Smetana, 1937; checklist; Central Asia).
 ▲ **DISTRIBUTION:** Turkey.
- turkestanica** Luze, 1904: 76 (*Lesteva*; Type locality: Seravschan: Boschara).
 — Bernhauer and Schubert, 1910: 73 (*Lesteva*; catalog).
 — Tikhomirova, 1973a: 140 (*Lesteva*; checklist; Central Asia).
 — Bordoni, 1987b: 92 (*Lesteva*; notes).
 ▲ **DISTRIBUTION:** Uzbekistan.
- uhligi** Zanetti, 1984: 79 (*Lesteva*; Type locality: Bulgaria: Stara Planina, 8 km S. of Botev, 1200 m).
 ▲ **DISTRIBUTION:** Bulgaria.
- villardi** Mulsant and Rey, 1880: 413 (*Lesteva*; Type locality: la grotte du Brudou, à Lente-en-Royans, Drôme).
 — Ganglbauer, 1895: 713 (*Lesteva*; characters; France).
 — Luze, 1903a: 194 (*Lesteva*; characters; France).
 — Bernhauer and Schubert, 1910: 73 (*Lesteva*; catalog).
 — Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).

- Jeannel and Jarrige, 1949: 319 (*Lesteva*; characters; notes; cave species; France).
- Jarrige, 1968b: 75 (*Lesteva*; France).
- Frank, 1982: 8 (*Lesteva*; list of parasites).
- Zanetti, 1987: 361 (*Lesteva*; subgenus *Lesteva*; characters; Italy).
- Zanetti, 1995: 9 (*Lesteva*; Italy).
- Bordoni and Oromi, 1998: 1157 (*Lesteva*; facultative cave species; caves in France and Italy).
- ▲ **DISTRIBUTION:** France, Italy.

villosa Walzl, 1838, see: *punctata* Erichson, 1839.

yunnanicola Rougemont, 2000: 166 (*Lesteva*; Type locality: China: Yünnan, ca. 100 km NNE Kunming, Liangwang Shan, ca. 2300 m).

▲ **DISTRIBUTION:** China.

zolotarevi Roubal, 1910: 99, 100 (*Lesteva*; Type locality: Caucasus occ.: Kluchor, in der Höhe von etwa 2200 m).

- Scheerpeltz, 1933: 1064 (*Lesteva*; catalog).
- Tikhomirova, 1973a: 140 (*Lesteva*; checklist; western Caucasus).

▲ **DISTRIBUTION:** Russia.

Liophilydrodes

[8 species; Palaearctic Region]

Liophilydrodes Nakane, 1983: 148 (replacement name for *Lioplax* Nakane and Sawada; [**Note:** Nakane attributed the name to both himself and Sawada, but in the paragraph preceding the name wrote, "I propose a new name for our *Lioplax* herein"]]). **TYPE SPECIES:** *Philydrodes pullus* Nakane and Sawada, fixed by objective synonymy with *Lioplax* for which the type species had already been fixed.

- Watanabe, 1990: 295 (characters; key to species of Japan).
- Watanabe, 1995: 329 (characters).

Lioplax Nakane and Sawada, 1956a: 183 (subgenus of *Philydrodes*; species included: *pulla*, *puncticollis*, *troglophila*, *subtilis*; **preoccupied** by Troschel, 1857). **TYPE SPECIES:** *Philydrodes pullus* Nakane and Sawada, fixed by original designation.

- Nakane, 1983: 148 (synonym of *Liophilydrodes*).
- Watanabe, 1990: 295 (synonym of *Liophilydrodes*).

flavipennis Watanabe, 1990: 303 (*Liophilydrodes*; Type locality: Japan: Honshu: Yamanashi Pref.: Mt. Senjô-ga-take, S. Jpn. Alps).

▲ **DISTRIBUTION:** Japan.

pullus Nakane and Sawada, 1956a: 184 (*Philydrodes*; subgenus *Lioplax*; Type locality: Japan: Mt. Ontake, Nagano).

- Watanabe, 1990: 298 (*Liophilydrodes*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

puncticollis Nakane and Sawada, 1956a: 183 (*Philydrodes*; subgenus *Lioplax*; Type locality: Japan: Hokkaido: Nukabira).

- Watanabe and Shibata, 1965: 317 (*Philydrodes*, cited as *Phylidrodes*; subgenus *Lioplax*; Japan).
- Watanabe, 1990: 306 (*Liophilydrodes*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

subtilis Sharp, 1889: 471 (*Anthophagus*; Type locality: summit of Iwakisan).

- Bernhauer and Schubert, 1910: 81 (*Anthophagus*; catalog).
- Scheerpeltz, 1933: 1067 (*Philydrodes*; catalog).
- Nakane and Sawada, 1956a: 184 (*Philydrodes*; subgenus *Lioplax*; characters from original description; Japan).
- Watanabe, 1990: 302 (*Liophilydrodes*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

suzukii Watanabe, 1990: 305 (*Liophilydrodes*; Type locality: Japan: Honshu: Gifu Pref.: Kagami-daira on Mt. Yumiori-dake, N. Jpn. Alps).

▲ **DISTRIBUTION:** Japan.

- troglophilus** Nakane and Sawada, 1956a: 184 (*Philydrodes*; subgenus *Lioplax*; Type locality: Japan: Tokyo, Okutama, Nippara cave).
 — Watanabe, 1990: 306 (*Liophilydrodes*; characters; Japan).
 — Watanabe, 1996a: 9 (*Liophilydrodes*; cave collection; Japan).
 ▲ **DISTRIBUTION:** Japan.
- uenoi** Watanabe, 1995: 329 (*Liophilydrodes*; Type locality: Jiuzhai Gou, Chang Hai, 3100 m, Nanping Xian, Sichuan Sheng, Southwest China).
 ▲ **DISTRIBUTION:** China.
- yamanakai** Watanabe, 1990: 301 (*Liophilydrodes*; Type locality: Japan: Honshu: Toyama Pref.: Mt. Tateyama).
 ▲ **DISTRIBUTION:** Japan.

Mannerheimia

[19 species; Palaearctic and Nearctic Regions]

Mannerheimia Mäklin, 1880: 80 (species included: *divergens*, *affine*, *confusum*, *saginatum*).

TYPE SPECIES: *Omalium divergens* Mäklin, fixed by subsequent designation by R. Lucas, 1920: 392.

- Heyden, 1880: 82 (list of species of Siberian region).
 — Mäklin, 1881: 39 (characters; [**Note:** Published without citation of earlier reference as though a new genus]).
 — Duvivier, 1883: 196 (catalog).
 — Heyden, Reitter, and Weise, 1891: 119 (subgenus of *Deliphrum*; list of species of Europe and Caucasus).
 — Ganglbauer, 1895: 725 (characters).
 — Luze, 1905c: 251 (characters; key to species).
 — Heyden, Reitter, and Weise, 1906: 133 (list of species of Europe and Caucasus).
 — Bernhauer and Schubert, 1910: 63 (world catalog; 3 species).
 — Gridelli, 1924c (notes; key to Italian species).
 — Winkler, 1925: 332 (catalog for Palaearctic region).
 — Porta, 1926: 24 (characters; key to species of Italy).
 — Cameron, 1930: 149 (characters).
 — Scheerpeltz, 1933: 1054 (world catalog supplement).
 — Palm, 1948: 94 (characters; key to species of Sweden).
 — Blackwelder, 1952: 230 (type species).
 — Horion, 1963: 100 (list of central European species).
 — Székessy, 1963: 18 (characters).
 — Lohse, 1964: 50 (characters; key to central European species).
 — Scheerpeltz, 1968a: 12 (catalog of Austrian species).
 — Tikhomirova, 1973a: 139 (checklist of species of USSR).
 — Muona, 1979: 18 (list of Scandinavian species).
 — Coiffait, 1982: 150 (key to species of Kashmir and Nepal).
 — Zanetti, 1983: 429 (characters).
 — Zanetti, 1987: 273 (characters; habitus; key to species of Italy).
 — Muona and Viramo, 1986: 15 (list of species of northeastern Finland).
 — Watanabe, 1990: 77 (characters; key to species of Japan).
 — Silfverberg, 1992: 22 (list of species of Fennoscandia, Denmark, and the Baltic States).
 — Siitonen, 1993: 230 (list of Finnish species).
 — Zanetti, 1995: 8 (list of species of Italy).
 — Newton, Thayer, Ashe, and Chandler, 2000: 340 (1 undescribed Nearctic species; notes; characters in key).

affinis Mäklin, 1878, see: *arctica* Erichson, 1840.

afghanica Coiffait, 1982b: 82 (*Mannerheimia*; Type locality: Afghanistan: Nouristan: Kamdesch, 2000 m).

▲ **DISTRIBUTION:** Afghanistan.

- aprutiana** Gridelli, 1924c: 135, 136 (*Mannerheimia*; Type locality: Maiella, Abruzzo).
 — Scheerpeltz, 1933: 1054 (*Mannerheimia*; catalog).
 — Zanetti, 1987: 276 (*Mannerheimia*; characters; Italy).
 — Zanetti, 1995: 8 (*Mannerheimia*; Italy).
 ▲ **DISTRIBUTION:** Italy.
- arctica** Erichson, 1840: 873 (*Deliphrum*; Type locality: Lapland).
 — Thomson, 1861: 198 (*Deliphrum*; characters; Scandinavia).
 — Seidlitz, 1875: 236 (*Deliphrum*; characters; Baltic region).
 — J. Sahlberg, 1876: 214 (*Deliphrum*; Finland).
 — J. Sahlberg, 1880: 108 (*Mannerheimia*; characters; Siberia).
 — Ganglbauer, 1895: 725 (*Mannerheimia*; characters; Palearctic region).
 — Luze, 1905c: 253 (*Mannerheimia*; characters; Sweden; Norway; Finland; Lapland; Arctic Siberia; southern Alps).
 — Bernhauer and Schubert, 1910: 63 (*Mannerheimia*; catalog).
 — Gridelli, 1924c: 135, 136 (*Mannerheimia*; key characters; notes; Italy).
 — Scheerpeltz, 1933: 1054 (*Mannerheimia*; catalog).
 — Horion, 1935: 173 (*Mannerheimia*; characters; northern Europe; Siberia; southern Alps; Germany).
 — Palm, 1948: 96 (*Mannerheimia*; characters; Sweden; Norway; Finland).
 — Horion, 1963: 100 (*Mannerheimia*; Norway; Sweden; Finland; Russia; Austria).
 — Lohse, 1964: 50 (*Mannerheimia*; characters; central Europe).
 — Tikhomirova, 1973a: 139 (*Mannerheimia*; checklist; Alps; northern Europe; Siberia).
 — Zanetti, 1987: 274 (*Mannerheimia*; characters; Italy).
 — Lucht, 1987: 88 (*Mannerheimia*; checklist; Austria).
 — Zanetti, 1995: 8 (*Mannerheimia*; Italy).
 — Kashcheev, 1999: 143 (*Mannerheimia*; characters).
 ▲ **DISTRIBUTION:** Sweden, Norway, Finland, Russia, Austria, Italy.
- affinis** Mäklin, 1878: 27 [= 1878a: 303] (*Omalium*, cited as *Homalium*; [**preoccupied**]; Type locality: Werschininskoj, 68°45' n. lat.).
 — J. Sahlberg, 1880: 108 (*Mannerheimia*; synonym of *arctica*).
 — Mäklin, 1881: 40 (*Mannerheimia*; [**Note:** Cited by Bernhauer and Schubert, 1910: 63 as the first reference for the species]; characters; Siberia).
 — Ganglbauer, 1895: 725 (*Mannerheimia*; synonym of *arctica*).
 — Luze, 1905c: 253 (*Mannerheimia*; synonym of *arctica*).
 — Bernhauer and Schubert, 1910: 63 (*Mannerheimia*; synonym of *arctica*).
- confusa** Mäklin, 1878: 27 [= 1878a: 303] (*Omalium*, cited as *Homalium*; Type locality: Chantaiskoj, 68°5' n. lat.).
 — J. Sahlberg, 1880: 108 (*Mannerheimia*; synonym of *arctica*).
 — Mäklin, 1881: 40 (*Mannerheimia*; [**Note:** Cited by Bernhauer and Schubert, 1910: 63 as the first reference for the species]; characters; Siberia).
 — Ganglbauer, 1895: 725 (*Mannerheimia*; synonym of *arctica*).
 — Luze, 1905c: 253 (*Mannerheimia*; synonym of *arctica*).
 — Bernhauer and Schubert, 1910: 63 (*Mannerheimia*; synonym of *arctica*).
- saginata** Mäklin, 1878: 28 [= 1878a: 304] (*Omalium*, cited as *Homalium*; Type locality: Krasnojarsk och Tomsk).
 — J. Sahlberg, 1880: 108 (*Mannerheimia*; synonym of *arctica*).
 — Mäklin, 1881: 41 (*Mannerheimia*; [**Note:** Cited by Bernhauer and Schubert, 1910: 63 as the first reference for the species]; characters; Siberia).
 — Ganglbauer, 1895: 725 (*Mannerheimia*; synonym of *arctica*).
 — Luze, 1905c: 253 (*Mannerheimia*; synonym of *arctica*).
 — Bernhauer and Schubert, 1910: 63 (*Mannerheimia*; synonym of *arctica*).
- asiatica** Kashcheev, 1999: 142 (*Mannerheimia*; Type locality: Tian'shan', Khr. Kungei-Alatau, ushch., Kul'bastau, 2500-3000 m).
 ▲ **DISTRIBUTION:** Kazakhstan.

brevipennis Motschulsky, 1860: 545 (*Omalium*; [**preoccupied**]; Type locality: Mt. Ula Tau, Kazakh Uplands; [**Note:** See lectotype designation by Hammond, 1970]).

— Bernhauer and Schubert, 1910: 51 (*Omalium*; subgenus *Omalium*; catalog).

— Hammond, 1970: 67, 70 (*Mannerheimia*, transferred from *Omalium*; lectotype designation: Mt. Ula Tau, Kazakh Uplands; characters; northern Scandinavia, northern Russia, northern Siberia; Alps; Tyrol; Apennines, Altai Range, Himalaya).

— Herman, 2001: 37 (*Mannerheimia*; although a junior primary homonym, prevailing use as valid maintained pending outcome of application to Commission under Article 23.9.5).

▲ **DISTRIBUTION:** Russia, Sweden, Austria, Italy, Himalaya, Altai region.

divergens Mäklin, 1878: 26 [= 1878a: 302] (*Omalium*, cited as *Homalium*; Type locality: Seliwaninskoj, 65°55' n. lat; Baklanowskij, 64°25 n. lat.).

— J. Sahlberg, 1880: 108 (*Mannerheimia*; characters; Siberia).

— Mäklin, 1881: 39 (*Mannerheimia*; characters; Siberia).

— Luze, 1905c: 254 (*Mannerheimia*; characters; Siberia; Sweden; Altai region).

— Bernhauer and Schubert, 1910: 52 (*Omalium*; subgenus *Omalium*; catalog).

— Bernhauer and Schubert, 1910: 63 (*Mannerheimia*; [**Note:** The species was cited twice by Bernhauer and Schubert, once in *Omalium* and once in *Mannerheimia* but for the latter the original reference is cited incorrectly as Mäklin, 1880]; catalog).

— Gridelli, 1924c: 135, 137 (*Mannerheimia*; characters; Altai region; Siberia; Sweden).

— Scheerpeltz, 1933: 1054 (*Mannerheimia*; catalog).

— Palm, 1948: 96 (*Mannerheimia*; characters; Sweden).

— Hammond, 1970: 67, 70 (*Mannerheimia*; synonym of *brevipenne*).

— Kashcheev, 1999: 143 (*Mannerheimia*; cited as valid species; characters).

cachemirica Coiffait, 1982: 146 (*Mannerheimia*; Type locality: Inde: Cachemire, Aru).

▲ **DISTRIBUTION:** India.

confusa Mäklin, 1878, see: *arctica* Erichson, 1840.

curtella Sharp, 1889: 473 (*Omalium*; Type locality: Miyanosita).

— Bernhauer and Schubert, 1910: 52 (*Omalium*; subgenus *Omalium*; catalog).

— Cameron, 1949b: 460 (*Omalium*; Japan).

— Watanabe, 1990: 81 (*Mannerheimia*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

divergens Mäklin, 1878, see: *brevipennis* Motschulsky, 1860.

doderoi Gridelli, 1924: 135, 137 (*Mannerheimia*; Type locality: Valsavaranche, Valle d'Aosta, Alpi Graie).

— Scheerpeltz, 1933: 1054 (*Mannerheimia*; catalog).

— Horion, 1963: 101 (*Mannerheimia*; Italy).

— Lohse, 1964: 50 (*Mannerheimia*; characters; central Europe).

— Hammond, 1970: 68 (*Mannerheimia*; may be synonym of *divergens*).

— Zanetti, 1987: 277 (*Mannerheimia*; characters; Italy).

— Lucht, 1987: 88 (*Mannerheimia*; checklist; Austria).

— Zanetti, 1995: 8 (*Mannerheimia*; Italy).

— Kashcheev, 1999: 143 (*Mannerheimia*; characters).

— Assing, Frisch, Kahlen, et al., 1998: 124 (*Mannerheimia*; Austria).

▲ **DISTRIBUTION:** Austria, Italy.

emodensa Coiffait, 1977: 266 (*Mannerheimia*; Type locality: Environs de Alm Darghari près de Maharigaon, 4000 m région de Jumla, Népal occidentale).

— Coiffait, 1982: 42 (*Mannerheimia*; Nepal).

— Coiffait, 1982: 150 (*Mannerheimia*; characters).

▲ **DISTRIBUTION:** Nepal.

goriensis Champion, 1925: 103 (*Mannerheimia*; Type locality: Gori Valley, E. Kumaon, alt. 7000 ft.).

— Cameron, 1930: 150 (*Mannerheimia*; characters; India).

— Scheerpeltz, 1933: 1054 (*Mannerheimia*; catalog).

— Coiffait, 1982: 150 (*Mannerheimia*; characters).

— Coiffait, 1984: 118 (*Mannerheimia*; Pakistan).

▲ **DISTRIBUTION:** India, Pakistan.

japonica Watanabe, 1990: 87 (*Mannerheimia*; Type locality: Japan: Honshu: Miyagi Pref.: Mt. Ushiroeboshi-dake on Zaō Mts.).

▲ **DISTRIBUTION:** Japan.

evias Watanabe, 1990: 84 (*Mannerheimia*; Type locality: Japan: Honshu: Gifu Pref.: Mt. Sugoroku-dake on northern Japanese Alps).

▲ **DISTRIBUTION:** Japan.

kirschenblatti Khnzorian, 1956: 138 (*Mannerheimia*; Type locality: ArmSSR: Verkhniĭ Gukasian [Gukasianskii r-n], na zapalnykh kechutskikh ros, 2500 m).

— Tikhomirova, 1973a: 139 (*Mannerheimia*; checklist; Armenia).

— Kashcheev, 1999: 143 (*Mannerheimia*; characters).

▲ **DISTRIBUTION:** Armenia.

obscura Coiffait, 1982: 148 (*Mannerheimia*; Type locality: Inde: Cachemire, Chandanwari, près Pahalgam, 2800–3100 m).

— Coiffait, 1983: 274 (*Mannerheimia*; Kashmir).

▲ **DISTRIBUTION:** India.

micros Fauvel, 1900d: 222 (*Deliphrum*; subgenus *Mannerheimia*; Type locality: Turkestan: Monts Alai).

— Luze, 1905c: 255 (*Mannerheimia*; characters; Turkestan).

— Bernhauer and Schubert, 1910: 63 (*Mannerheimia*; catalog).

— Gridelli, 1924c: 138 (*Mannerheimia*; characters; Turkestan).

— Scheerpeltz, 1933: 1054 (*Mannerheimia*; catalog).

— Hammond, 1970: 68 (*Mannerheimia*; may be synonym of *divergens*).

— Tikhomirova, 1973a: 139 (*Mannerheimia*; checklist; Central Asia).

— Kashcheev, 1999: 143 (*Mannerheimia*; characters).

▲ **DISTRIBUTION:** Kyrgyzstan.

saginata Mäklin, 1878, see: *arctica* Erichson, 1840.

scutellata Coiffait, 1982: 149 (*Mannerheimia*; Type locality: Inde: Cachemire, Sonamarg, Himalaya-Hauptkette, Nichinai Tal, 3100–3200 m).

▲ **DISTRIBUTION:** India.

tsurumii Watanabe, 1990: 83 (*Mannerheimia*; Type locality: Japan: Honshu: Tochigi Pref.: near Yunoko Lake, Oku-Nikkō).

▲ **DISTRIBUTION:** Japan.

vicina Coiffait, 1982: 146 (*Mannerheimia*; Type locality: Inde: Cachemire, Chandanwari, près Pahalgam, 2800–3100 m).

▲ **DISTRIBUTION:** India.

yasudai Watanabe, 1990: 86 (*Mannerheimia*; Type locality: Japan: Hokkaido: Mt. Kurodake on Daisetsu Mts.).

▲ **DISTRIBUTION:** Japan.

Microedus

[7 species; Nearctic Region]

Microedus LeConte, 1874: 273 (species included: *austinianus*). **TYPE SPECIES:** *Microedus austinianus* LeConte, fixed by monotypy.

— Fauvel, 1878d: 250 [= 1878e: 86] (characters).

— Duvivier, 1883: 194 (catalog).

— Bernhauer and Schubert, 1910: 75 (world catalog; 2 species).

— Leng, 1920: 95 (catalog of North American species).

— Blackwelder, 1952: 245 (type species: *austinianus*).

— Hatch, 1957: 51, 70 (characters; key to species of Pacific Northwest).

- Moore, 1966: 48, 49 (characters; notes).
- Moore and Legner, 1972a: 75 (key to species).
- Moore and Legner, 1975: 197 (catalog; North America north of Mexico).
- Campbell, 1978: 1 (moved to *Anthophagini*).
- Moore and Legner, 1979: 184 (characters; notes).
- Campbell and Davies, 1991: 91 (checklist of species; Alaska and Canada).
- Downie and Arnett, 1996: 435 (characters; species of Northeastern North America).
- Newton, Thayer, Ashe, and Chandler, 2000: 340 (7 Nearctic species; notes; characters in key).

austinianus LeConte, 1874: 273 (*Microedus*; Type locality: White Mountains [New Hampshire], Vancouver Island).

- Fauvel, 1878d: 250 [= 1878e: 86] (*Microedus*; characters; New Hampshire; Vancouver Island).
- Bernhauer and Schubert, 1910: 75 (*Microedus*; catalog).
- Van Dyke, 1924: 16 (*Microedus*; cited as *austianus*; Alaska).
- Fall, 1926: 145 (*Microedus*; Alaska).
- Hatch, 1957: 71 (*Microedus*; characters; British Columbia; Idaho; Washington; Oregon).
- Moore and Legner, 1972a: 75 (*Microedus*; characters).
- Downie and Arnett, 1996: 435 (*Microedus*; characters; Canada; USA).

▲ **DISTRIBUTION:** Canada, USA.

ewingi Hatch, 1957: 72 (*Microedus*; Type locality: Washington: Mt. Rainier, below Sluskin Falls).

- Moore and Legner, 1972a: 75 (*Microedus*; characters).

▲ **DISTRIBUTION:** USA.

fenderi Hatch, 1957: 72 (*Microedus*; Type locality: Washington: Olympic Hot Springs. Also cited from British Columbia).

- Moore and Legner, 1972a: 75 (*Microedus*; characters).

▲ **DISTRIBUTION:** Canada, USA.

giulianii Moore, 1972a: 75 (*Microedus*; Type locality: South Fork of Big Pine Creek, Inyo County, California, 8500 feet).

▲ **DISTRIBUTION:** USA.

laticollis Mannerheim, 1843b: 234 (*Anthophagus*; Type locality: insula Sitkha).

- Mannerheim, 1852: 319 (*Anthophagus*; characters; Sitka).
- Fauvel, 1878d: 251 [= 1878e: 87] (*Microedus*; characters; Alaska).
- Bernhauer and Schubert, 1910: 75 (*Microedus*; catalog).
- Fall, 1926: 145 (*Microedus*; Alaska).
- Hatch, 1957: 71 (*Microedus*; characters; British Columbia; Washington; Oregon; Idaho).
- Moore and Legner, 1972a: 75 (*Microedus*; characters).

▲ **DISTRIBUTION:** Canada, USA.

porterae Hatch, 1957: 71 (*Microedus*; Type locality: Washington: Olympic Hot Springs. Also cited from Oregon, Idaho, and British Columbia).

- Moore and Legner, 1972a: 75 (*Microedus*; cited as *porteri*; characters).

▲ **DISTRIBUTION:** Canada, USA.

rogersi Hatch, 1957: 71 (*Microedus*; Type locality: Washington: Olympic Hot Springs. Also cited from British Columbia).

- Moore and Legner, 1972a: 75 (*Microedus*; characters).

▲ **DISTRIBUTION:** Canada, USA.

Olophrum

[54 species (1 doubtful); Nearctic and Palearctic Regions]

Olophrum Erichson, 1839a: 622 (species included: *piceum*, *fuscum*, *assimile*). **TYPE SPECIES:** *Omalium piceum* Gyllenhal, fixed by subsequent designation by Westwood, 1840: 156.

- Heer, 1839: 189 (characters).
- Stephens, 1839: 422 (characters).
- Erichson, 1840: 863 (characters).

- Redtenbacher, 1849: 749 (characters).
- Schaum, 1852: 30 (list of species; Europe).
- Lacordaire, 1854: 140 (characters; notes; list of species).
- Fairmaire and Laboulbène, 1856: 634 (characters).
- Gistel, 1856: 389 (list of species).
- Jacquelin du Val, 1857: 74 (characters).
- Redtenbacher, 1857: 247 (characters).
- Kraatz, 1857d: 939 (characters).
- Thomson, 1858: 37 (characters).
- G. Waterhouse, 1858: 31 (catalog of British species).
- Thomson, 1859: 49 (characters; type species: *piceum*).
- Schaum, 1859: 31 (catalog; European species).
- LeConte, 1861a: 70 (characters).
- Thomson, 1861: 192 (characters).
- Gredler, 1863: 123 (list of species from Tirol).
- LeConte, 1863: 26 (list of North American species).
- Wencker and Silbermann, 1866: 36 (list of species; collecting notes; France).
- Gemminger and Harold, 1868: 660 (catalog).
- Jacquelin du Val, 1868: 80 (catalog; European species).
- Fauvel, 1871a: 123 [= 1872: 97] (characters; key to species).
- Sharp, 1871d: 14 (list of British species).
- Redtenbacher, 1874: 267 (characters; key to Austrian species).
- Fauvel, 1875a:VI [= 1875b: 208] (catalog).
- Fauvel, 1878d: 242 [= 1878e: 78] (key to North American species).
- Mulsant and Rey, 1880: 132 (characters; key to French species).
- Heyden, 1880: 81 (list of species of Siberian region).
- Duvivier, 1883: 195 (catalog).
- Fowler, 1888: 404 (notes; key to British species).
- Seidlitz, 1891: 345 (key to some European species).
- Seidlitz, 1891a: 367 (key to some European species).
- Heyden, Reitter, and Weise, 1891: 119 (list of species of Europe and Caucasus).
- Heyden, 1893: 48 (list of species of Siberian region).
- Ganglbauer, 1895: 719 (characters; key to middle European species).
- Heyden, 1896: 37 (list of species of Siberian region).
- Luze, 1905: 33 (characters; revision of and key to Palaearctic species).
- Heyden, Reitter, and Weise, 1906: 133 (list of species of Europe and Caucasus).
- Sainte-Claire Deville, 1907: 44 (characters; key to and annotated list of species of Seine Basin, France).
- Reitter, 1909: 185 (characters; key to German species).
- Bernhauer and Schubert, 1910: 65 (world catalog; 18 species).
- Blatchley, 1910: 478 (characters).
- Petri, 1912: 54 (list of species of Siebenbürgen).
- Johansen, 1914: 592 (characters; key to Danish species).
- Leng, 1920: 94 (catalog of North American species).
- Winkler, 1925: 333 (catalog for Palaearctic region).
- Porta, 1926: 26 (characters; key to species of Italy).
- Scheerpeltz, 1929 (monograph; discussion; taxonomic history; key to species groups and to species; characters; illustrations; zoogeography; catalog).
- Portevin, 1929: 440 (characters; key to French genera).
- Roubal, 1930: 313 (catalog; Slovakia).
- Joy, 1932: 95 (key to British species).
- Scheerpeltz, 1933: 1056 (world catalog supplement).
- Munster, 1935 (discussion of Scheerpeltz's revision; key to some species).
- Palm, 1948: 103 (characters; key to species of Sweden).
- Tottenham, 1949: 357, 407 (type species: *piceum* Gyllenhal; list of British species).
- Blackwelder, 1952: 272 (type species).

- Tottenham, 1954: 30 (characters; key to British species).
 - Hatch, 1957: 50, 61 (characters; key to species of Pacific Northwest).
 - Horion, 1963: 109 (list of central European species).
 - Székessy, 1963: 20 (characters).
 - Lohse, 1964: 53 (characters; key to central European species).
 - Smetana, 1964c: 170 (key to Czechoslovakian species).
 - Moore, 1966: 48, 55 (characters; notes).
 - Pototskaia, 1967: 20 (larval characters).
 - Kasule, 1968: 133, 134 (larval characters).
 - Scheerpeltz, 1968a: 14 (catalog of Austrian species).
 - Steel, 1970a: 18 (larval characters; biological notes).
 - Tikhomirova, 1973a: 139 (checklist of species of USSR).
 - Moore and Legner, 1975: 199 (catalog; North America north of Mexico).
 - Shibata, 1976: 108 (checklist of species of Japan).
 - Pope, 1977: 22 (list of British species).
 - Coiffait, 1978f: 277 (key to species of France).
 - Coiffait, 1978f: 277 (*Olophrum*; characters; France).
 - Topp, 1978: 308 (larval characters).
 - Burakowski, Mroczkowski, and Stefańska, 1979: 57 (catalog; Poland).
 - Moore and Legner, 1979: 186 (characters; notes).
 - Muona, 1979: 18 (list of Scandinavian species).
 - Uhlig, 1979: 242 (some species collected in Germany).
 - M. Dvořák, 1979: 109 (some species collected in Slovakia).
 - Uhlig, Vogel, and Sieber, 1980: 241 (some species collected in Germany).
 - Uhlig and Vogler, 1981: 87 (list of some species collected in Germany; habitat and collecting notes).
 - Waterston, Owen, Welch, Bacchus and Hammond, 1981: 273 (list of species of Outer Hebrides).
 - Spahr, 1981: 95 (references to specimens from amber and copal).
 - Tóth, 1982: 83 (characters; habitus; key to species of Hungary).
 - Campbell, 1983 (characters; habitus; revision of and key to North American species; discussion).
 - Ádám, 1985: 251 (list of species from southeast Hungary).
 - Segers, 1986: 21 (checklist of species; Belgium).
 - Zanetti, 1987: 298 (characters; habitus; key to species of Italy).
 - Ádám, 1987: 137 (list of two species with collecting notes; Hungary).
 - Muona and Viramo, 1986: 15 (list of species of northeastern Finland).
 - Lohse and Lucht, 1989: 126 (notes).
 - Watanabe, 1990: 126 (characters; key to species of Japan).
 - Ryabukhin, 1991b: 13 (characters; key to species of northeastern Russia).
 - Campbell and Davies, 1991: 89 (checklist of species; Alaska and Canada).
 - Silfverberg, 1992: 22 (list of species of Fennoscandia, Denmark, and the Baltic States).
 - Siitonen, 1993: 230 (list of Finnish species).
 - Welch, 1993: 227 (ovariole number and ovary structure).
 - Boháč, 1993: 41 (list of species of Czech Republic and Slovakia).
 - M. Hansen, Liljehult, Mahler, and Pedersen, 1995: 27 (additional records to Danish list of species).
 - Zanetti, 1995: 8 (list of species of Italy).
 - M. Hansen, 1996: 95 (list of Danish species).
 - Downie and Arnett, 1996: 432 (characters; key to species of Northeastern North America).
 - M. Hansen, Palm, Pedersen, and Runge, 1998: 70 (list of species collected in 1997; Denmark).
 - Newton, Thayer, Ashe, and Chandler, 2000: 340 (7 Nearctic species; notes; characters in key).
- Lathrium* LeConte, 1850: 221 (species included: *convexicolle*). **TYPE SPECIES:** *Lathrium convexicolle* LeConte, fixed by monotypy.
- Lacordaire, 1854: 142 (characters; notes; list of species).
 - LeConte, 1861a: 71 (synonym of *Olophrum*).

- Gemminger and Harold, 1868: 660 (synonym of *Olophrum*).
- Fauvel, 1871a: 123 [= 1872: 97] (synonym of *Olophrum*).
- Bernhauer and Schubert, 1910: 66 (synonym of *Olophrum*).
- Blackwelder, 1952: 209 (type species: *convexicolle*).
- Campbell, 1983: 579 (synonym of *Olophrum*).

alpestre Erichson, 1840, see: *consimile* Gyllenhal, 1810.

alpinum Heer, 1839, see: *consimile* Gyllenhal, 1810.

aragatzense Khnzorian, 1962: 103 (*Olophrum*; Type locality: ArmSSR: Aragats u ozera Kari-lich, 3200 m).

▲ **DISTRIBUTION:** Armenia.

arcanum† Scudder, 1900a: 86 (*Olophrum*; pleistocene fossil; Type locality: Scarborough).

▲ **DISTRIBUTION:** Canada.

arrowi Scheerpeltz, 1929: 105 (*Olophrum*; Type locality: Japan).

- Nakane, 1963a: 82 (*Olophrum*, cited as *Omalium*; characters; habitus photograph; Japan).
- Hasegawa and Kanie, 1992: 19 (*Olophrum*; seashore collection; Japan).
- Watanabe, 1990: 130 (*Olophrum*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

arvernium Coiffait, 1978f: 275 (*Olophrum*; Type locality: Puy de Sancy, Puy-de-Dôme).

▲ **DISTRIBUTION:** France.

assimile Paykull, 1800: 409 (*Staphylinus*; Type locality: Suecia).

- Gyllenhal, 1810: 202 (*Omalium*; characters).
- Gyllenhal, 1827: 463 (*Omalium*).
- C. Sahlberg, 1827: 278 (*Omalium*; characters; Finland).
- Curtis, 1829: 28 (*Anthobium*; catalog; Britain).
- Mannerheim, 1830: 51 (*Omalium*; Sweden).
- Mannerheim, 1831: 465 (*Omalium*; Sweden).
- Erichson, 1839a: 624 (*Olophrum*; characters; Germany).
- Heer, 1839: 189 (*Olophrum*; characters; Switzerland).
- Erichson, 1840: 865 (*Olophrum*; characters; Germany; Sweden).
- Laporte, 1840: 191 (*Omalium*; characters; Sweden; France).
- Redtenbacher, 1849: 749 (*Olophrum*; characters; Austria).
- Fairmaire and Laboulbène, 1856: 635 (*Olophrum*; characters; France).
- Redtenbacher, 1857: 248 (*Olophrum*; characters; Austria).
- Kraatz, 1857d: 942 (*Olophrum*; characters; Germany).
- Thomson, 1861: 194 (*Olophrum*; characters; Scandinavia).
- Hochhuth, 1862: 103 (*Olophrum*; Russia).
- Fauvel, 1871a: 124 [= 1872: 98] (*Olophrum*; characters; France; Scandinavia; Germany; Switzerland; Austria; Russia; Syria).
- Redtenbacher, 1874: 268 (*Olophrum*; characters; Austria).
- Seidlitz, 1875: 240 (*Olophrum*; characters; Baltic region).
- J. Sahlberg, 1876: 213 (*Olophrum*; Finland).
- Mulsant and Rey, 1880: 139 (*Olophrum*; characters; France).
- Ganglbauer, 1895: 720 (*Olophrum*; characters; north and middle Europe).
- Luze, 1905: 41 (*Olophrum*; characters; central and northern Europe; Caucasus).
- Reitter, 1909: 186 (*Olophrum*; characters; Germany).
- Bernhauer and Schubert, 1910: 66 (*Olophrum*; catalog).
- Johansen, 1914: 593 (*Olophrum*; characters; Denmark).
- Scheerpeltz, 1929: 113 (*Olophrum*; characters; Bosnia, Serbia, Dalmatia, Romania, Ukraine, Alps, Austria, Poland, Germany, Holland, Belgium, France, Denmark, Sweden, Norway, Finland, Russia, Caucasus).
- Portevin, 1929: 440 (*Olophrum*; characters; France).
- Munster, 1936: 101 (*Olophrum*; characters; notes).
- Palm, 1948: 108 (*Olophrum*; characters; Sweden; Denmark; Norway; Finland).

- Horion, 1963: 113 (*Olophrum*; Caucasus; Syria; Russia; Finland; Sweden; Norway; Scotland; Denmark; Baltic states; Poland; Czechoslovakia; Hungary; Romania; Yugoslavia; Slovenia; Italy ?; France; Switzerland; Belgium; Germany; Austria).
- Lohse, 1964: 54 (*Olophrum*; characters; central Europe).
- Smetana, 1964c: 171 (*Olophrum*; characters).
- Smetana, 1964d: 54 (*Olophrum*; Czechoslovakia).
- Iablokoff-Khuzorian, 1964: 159 (*Olophrum*; characters).
- Szujeci, 1968a: 712 (*Olophrum*; Poland).
- Pope, 1977: 22 (*Olophrum*; Britain).
- Coiffait, 1978f: 277 (*Olophrum*; characters; France).
- Tóth, 1982: 88 (*Olophrum*; characters; Hungary).
- Zanetti, 1987: 303 (*Olophrum*; characters; Italy).
- Lucht, 1987: 89 (*Olophrum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; Benelux; Denmark; Sweden).
- Boháč, 1993: 41 (*Olophrum*; Slovakia; Czech Republic).
- Zanetti, 1995: 8 (*Olophrum*; Italy ?).
- Cibulskis, 1999: 35 (*Olophrum*; list; Latvia).
- Assing, 2001: 75 (*Olophrum*; collected from xerothermous site; Germany).

▲ **DISTRIBUTION:** Europe, Russia, Georgia, Syria.

austriacum Scheerpeltz, 1929: 35 (*Olophrum*; Type locality: Traunauen bei Ebelsberg bei Linz in Oberösterreich).

- Horion, 1935: 171 (*Olophrum*; characters; Germany).
- Horion, 1963: 110 (*Olophrum*; Germany; Austria).
- Lohse, 1964: 54 (*Olophrum*; characters; central Europe).
- Smetana, 1964c: 171 (*Olophrum*; characters).
- Tóth, 1982: 85 (*Olophrum*; characters; Hungary).
- Lucht, 1987: 89 (*Olophrum*; checklist; Germany; Austria).

▲ **DISTRIBUTION:** Germany, Austria, Hungary.

bernhaueri Scheerpeltz, 1929: 80 (*Olophrum*; Type locality: Kaukasus, Kasbekp.).

▲ **DISTRIBUTION:** Georgia.

bernhauerianum Scheerpeltz, 1929, see: *consimile* Gyllenhal, 1810.

blattoides Ahrens, 1812, see: *piceum* Gyllenhal, 1810.

bodemeyeri Scheerpeltz, 1929: 94 (*Olophrum*; Type locality: Luristan, Persien).

▲ **DISTRIBUTION:** Iran.

boreale Paykull, 1792: 146 (*Staphylinus*; Type locality: Bothnia occidentali).

- Paykull, 1800: 411 (*Staphylinus*; [**Note:** Bernhauer and Schubert, 1910: 66 cited the female of *boreale* Paykull, 1800 as a synonym of *consimile*]; characters; Sweden).
- Gravenhorst, 1806: 213 (*Omalium*; synonym of *quadrum* Gravenhorst).
- Gyllenhal, 1810: 198 (*Omalium*; characters; western Bothnia region).
- Gyllenhal, 1827: 461 (*Omalium*).
- C. Sahlberg, 1827: 277 (*Omalium*; characters; Lapland).
- Zetterstedt, 1828: 48 (*Omalium*; characters; Lapland).
- Mannerheim, 1830: 51 (*Omalium*; Lapland).
- Mannerheim, 1831: 465 (*Omalium*; Lapland).
- Zetterstedt, 1838: 49 (*Omalium*; characters; habitat; Lapland).
- Erichson, 1840: 866 (*Olophrum*; characters; Finland).
- Thomson, 1861: 193 (*Olophrum*; characters; Scandinavia).
- Seidlitz, 1875: 240 (*Olophrum*; characters; Baltic region).
- J. Sahlberg, 1876: 212 (*Olophrum*; Finland).
- Luze, 1905: 43 (*Olophrum*; characters; Lapland; Finland; Norway).
- Poppius, 1909: 5 (*Olophrum*; Lena Valley, Siberia).
- Bernhauer and Schubert, 1910: 66 (*Olophrum*; catalog).
- Scheerpeltz, 1929: 124 (*Olophrum*; characters; Norway, Sweden, Finland, Russia).
- Blair, 1933: 94 (*Olophrum*; Quebec).
- Munster, 1935: 25, 29 (*Olophrum*; characters; notes).

- Palm, 1948: 107 (*Olophrum*; characters; Sweden; Norway; Finland).
- Ashworth, 1972: 214 (*Olophrum*; late-glacial subfossil; Britain).
- Campbell, 1983: 602 (*Olophrum*; characters; Alberta; British Columbia; Manitoba; Northwest Territories; Quebec; Yukon Territory; Alaska; Montana; Utah; Wyoming).
- Lohse and Lucht, 1989: 126 (*Olophrum*; note).
- Ryabukhin, 1991b: 14 (*Olophrum*; characters; Russia).
- Elias, 1991: 556 (*Olophrum*; Quaternary fossil collection; Colorado).
- Downie and Arnett, 1996: 432 (*Olophrum*; characters; Canada; USA).
- Lemdahl and Gustavsson, 1997: 181 (*Olophrum*; collected in lateglacial and middle Holocene deposits; Sweden).
- Ryabukhin, 1999: 23 (*Olophrum*; catalog; habitat; distribution; northeastern Russia).
- ▲ **DISTRIBUTION:** Sweden, Norway, Finland, Russia, Canada, USA.
- nigropiceum* Motschulsky, 1860b: 119 (*Olophrum*; Type locality: Kamtschatka).
 - Motschulsky, 1859: 491 (*Olophrum*; Amur River).
 - Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
 - Scheerpeltz, 1929: 120 (*Olophrum*; characters; Siberia, Norway).
 - Munster, 1935: 29, 30 (*Olophrum*; characters; variety of *boreale*; notes).
 - Steel, 1964a: 248 (*Olophrum*; confirmation of synonymy with *nigropiceum*).
 - Campbell, 1983: 602 (*Olophrum*; synonym of *boreale*).
- minor* Poppus, 1909a: 15 (*Olophrum*; variety of *boreale*; [**preoccupied**]; Type locality: Tarhanowa).
- helleni* Scheerpeltz, 1929: 128 (*Olophrum*; Type locality: nördlichstes Norwegen: Finmarken, Varanger-Fjord, Tana-Fjord, Vadsö; nördlichstes Schweden: Torne-Träsk; nördlichstes Finnland: Enare-See; Halbinse Kola; Halbinsel Kanin).
 - Munster, 1935: 29, 30 (*Olophrum*; variety of *boreale*; notes).
 - Campbell, 1983: 603 (*Olophrum*; synonym of *boreale*).
- quesneli* Hatch, 1957: 62 (*Olophrum*; Type locality: B. C. [British Columbia]: Barkerville).
 - Campbell, 1983: 603 (*Olophrum*; synonym of *boreale*).
- brevicolle* Bernhauer, 1903, see: *latum* Mäklin, 1853.
- bulgaricum* Scheerpeltz, 1929: 37 (*Olophrum*; Type locality: Kalofer, Tundza, Nordbulgarien).
 - ▲ **DISTRIBUTION:** Bulgaria.
- cascadense* Campbell, 1983: 596 (*Olophrum*; Type locality: California: Mt. Lassen N. P., Kings Creek, 7500 feet. Also cited from Oregon).
 - ▲ **DISTRIBUTION:** USA.
- caucasicum* Fauvel, 1875a: VII [= 1875b: 209] (*Olophrum*; Type locality: Caucase).
 - Luze, 1905: 39 (*Olophrum*; characters; Caucasus).
 - Bernhauer and Schubert, 1910: 66 (*Olophrum*; catalog).
 - Scheerpeltz, 1929: 67 (*Olophrum*; characters; Caucasus).
 - Tikhomirova, 1973a: 139 (*Olophrum*; checklist; Caucasus).
 - ▲ **DISTRIBUTION:** Georgia, Azerbaijan.
- celatum*† Scudder, 1900a: 86 (*Olophrum*; pleistocene fossil; Type locality: Scarborough).
 - ▲ **DISTRIBUTION:** Canada.
- consimile* Gyllenhal, 1810: 199 (*Omalium*; Type locality: Bothnia occidentalis).
 - Paykull, 1800: 411 (*Staphylinus*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 66 cited the female of *boreale* Paykull, 1800 as a synonym of *consimile*]; characters; Sweden).
 - Gyllenhal, 1827: 461 (*Omalium*).
 - C. Sahlberg, 1827: 277 (*Omalium*; characters; Finland).
 - Zetterstedt, 1828: 48 (*Omalium*; characters; Lapland).
 - Mannerheim, 1830: 51 (*Omalium*; Finland).
 - Mannerheim, 1831: 465 (*Omalium*; Finland).
 - Stephens, 1834: 341 (*Anthobium*; characters; Scotland).
 - Zetterstedt, 1838: 49 (*Omalium*; characters; habitat; Lapland).

- Stephens, 1839: 427 (*Olophrum*; characters; England).
 - Erichson, 1840: 867 (*Olophrum*; characters; Lapland; Russia).
 - Redtenbacher, 1857: 993 (*Olophrum*; characters; Austria).
 - Kraatz, 1857d: 941 (*Olophrum*; characters; Germany).
 - Thomson, 1861: 193 (*Olophrum*; characters; Scandinavia).
 - Fauvel, 1871a: 125 [= 1872: 99] (*Olophrum*; characters; Britain; Germany; Russia; Lapland; Scandinavia).
 - LeConte, 1873: 327 (*Omalium*; characters).
 - Redtenbacher, 1874: 268 (*Olophrum*; characters).
 - Seidlitz, 1875: 240 (*Olophrum*; characters; Baltic region).
 - J. Sahlberg, 1876: 212 (*Olophrum*; Finland).
 - Fowler, 1888: 405 (*Olophrum*; characters; Britain).
 - Ganglbauer, 1895: 721 (*Olophrum*; characters; north Europe; England; Germany).
 - Luze, 1905: 45 (*Olophrum*; characters; Germany; Finland; Sweden; Norway; England; Lapland; Russia; Siberia).
 - Poppius, 1909: 5 (*Olophrum*; Lena Valley, Siberia).
 - Reitter, 1909: 186 (*Olophrum*; characters; Germany).
 - Bernhauer and Schubert, 1910: 66 (*Olophrum*; catalog).
 - Notman, 1919a: 95 (*Olophrum*; Ontario).
 - Bernhauer, 1926g: 2 (*Olophrum*; Kamchatka region).
 - Scheerpeltz, 1929: 155 (*Olophrum*; characters; Germany; Sweden; Norway; Finland; Russia; Urals; Siberia; Alaska; Vancouver; Alberta; Quebec; Maine; New York).
 - Munster, 1936: 97 (*Olophrum*; characters; notes).
 - Palm, 1948: 107 (*Olophrum*; characters; Sweden; Norway; Finland).
 - Hatch, 1957: 61 (*Olophrum*; characters; British Columbia; Oregon; Idaho).
 - Horion, 1963: 115 (*Olophrum*; Russia; Finland; Sweden; Norway; Britain; Poland; Czech Republic; Germany).
 - Lohse, 1964: 54 (*Olophrum*; characters; central Europe).
 - Steel, 1964a: 248 (*Olophrum*; notes).
 - Smetana, 1964c: 171 (*Olophrum*; characters).
 - Pope, 1977: 22 (*Olophrum*; Britain).
 - Schwert and Morgan, 1980: 101 (*Olophrum*; late glacial fossil; New York).
 - Miller and Morgan, 1982: 264 (*Olophrum*; Postglacial fossils; New York).
 - Campbell, 1983: 586 (*Olophrum*; characters; Alberta; British Columbia; Manitoba; Northwest Territories; Quebec; Saskatchewan; Yukon Territory; Alaska; Arizona; Colorado; Idaho; Michigan; Montana; Nevada; Oregon; South Dakota; Utah; Washington; Wyoming).
 - Schwert, Anderson, Morgan, and Karrow, 1985: 216 (*Olophrum*; Quaternary fossil; Ontario).
 - Lucht, 1987: 89 (*Olophrum*; checklist; Germany; Poland; Czechoslovakia; Austria; Sweden).
 - Schülke and Uhlig, 1988: 3 (*Olophrum*; notes; Germany).
 - Ryabukhin, 1991b: 17 (*Olophrum*; characters; Russia).
 - Elias, 1991: 556 (*Olophrum*; Quaternary fossil collection; Colorado).
 - Boháč, 1993: 41 (*Olophrum*; Czech Republic).
 - Zanetti, 1995: 8 (*Olophrum*; Italy).
 - Downie and Arnett, 1996: 433 (*Olophrum*; characters; Canada; USA).
 - Lavoie, Elias, and Payette, 1997: 231 (*Olophrum*; Holocene fossil; subarctic Quebec).
 - Ryabukhin, 1999: 22 (*Olophrum*; catalog; habitat; distribution; northeastern Russia).
- ▲ **DISTRIBUTION:** Europe, Russia, Canada, USA.

marginatum Kirby, 1837: 89 (*Omalium*; [**preoccupied**]; Type locality: America Borealis; Lat. 65°).

- Fauvel, 1878d: 244 [= 1878e: 80] (*Olophrum*; characters; Alaska; Lake superior; Michigan).
- LeConte, 1879: 510 (*Olophrum*; characters; Colorado; Alaska).
- Bernhauer and Schubert, 1910: 65 (*Lathrimaeum*; synonym of *sordidum*).
- Blair, 1933: 94 (*Olophrum*; synonym of *boreale*).
- Moore, 1966: 55 (*Anthobium*).
- Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).

- alpinum* Heer, 1839: 190 (*Acidota*; Type locality: Seeloch auf der Alp Mühlebach; auf dem Luchmanier; Zaportalp; Canälpass am Gletscherrand; St. Bernhard; Chamouni).
 — Fairmaire and Laboulbène, 1856: 635 (*Olophrum*; characters; France).
 — Kraatz, 1857d: 941 (*Olophrum*; synonym of *alpestre*).
 — Fauvel, 1871a: 125 [= 1872: 99] (*Olophrum*; characters; France; Switzerland; Germany).
 — Mulsant and Rey, 1880: 141 (*Olophrum*; characters; France).
 — Ganglbauer, 1895: 720 (*Olophrum*; characters; Alps; Pyrenees; Sudeten).
 — Luze, 1905: 44 (*Olophrum*; characters; Alps; Pyrenees; Sudeten).
 — Reitter, 1909: 186 (*Olophrum*; characters; Germany).
 — Bernhauer and Schubert, 1910: 66 (*Olophrum*; catalog).
 — Scheerpeltz, 1929: 132 (*Olophrum*; characters; Alps).
 — Portevin, 1929: 440 (*Olophrum*; characters; France).
 — Munster, 1936: 97–100 (*Olophrum*; variety of *consimile*; discussion).
 — Palm, 1948: 107 (*Olophrum*; characters; Sweden).
 — Horion, 1963: 114 (*Olophrum*; Italy; France; northern Carpathians; Czech Republic; Austria).
 — Lohse, 1964: 55 (*Olophrum*; characters; central Europe).
 — Smetana, 1964c: 171 (*Olophrum*; characters).
 — Coiffait, 1978f: 278 (*Olophrum*; characters; France).
 — Tóth, 1982: 86 (*Olophrum*; characters).
 — Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).
 — Zanetti, 1987: 305 (*Olophrum*; characters; Italy).
 — Lucht, 1987: 89 (*Olophrum*; checklist; Germany; Poland; Czechoslovakia; Austria).
 — Boháč, 1993: 41 (*Olophrum*; cited as valid species; Slovakia; Czech Republic).
 — Zanetti, 1995: 8 (*Olophrum*; synonym of *consimile*).
- alpestre* Erichson, 1840: 867 (*Olophrum*; Type locality: Helvetiae alpes).
 — Heer, 1841: 571 (*Olophrum*; synonym of *alpina*).
 — Redtenbacher, 1849: 828 (*Olophrum*; characters; Austria).
 — Fairmaire and Laboulbène, 1856: 635 (*Olophrum*; synonym of *alpinum*).
 — Redtenbacher, 1857: 248 (*Olophrum*; characters; Austria).
 — Kraatz, 1857d: 941 (*Olophrum*; characters; Germany).
 — Fauvel, 1865a: 318 [= 1865b: 68] (*Olophrum*; habitat; France).
 — Fauvel, 1871a: 125 [= 1872: 99] (*Olophrum*; synonym of *alpinum*).
 — Redtenbacher, 1874: 268 (*Olophrum*; characters; Austria).
 — Seidlitz, 1875: 240 (*Olophrum*; characters; Baltic region).
 — Mulsant and Rey, 1880: 142 (*Olophrum*; synonym of *alpinum*).
 — Ganglbauer, 1895: 720 (*Olophrum*; synonym of *alpinum*).
 — Luze, 1905: 44 (*Olophrum*; synonym of *alpinum*).
 — Bernhauer and Schubert, 1910: 66 (*Olophrum*; synonym of *alpinum*).
 — Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).
 — Zanetti, 1987: 305 (*Olophrum*; synonym of *alpinum*).
- parvulum* Mäklin, 1853: 195 (*Olophrum*; Type locality: lacum Thkujabna in peninsula Kenai; [**Note:** See lectotype designation by Campbell, 1983]).
 — Fauvel, 1878d: 245 [= 1878e: 81] (*Olophrum*; characters; Alaska).
 — Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
 — Scheerpeltz, 1929: 149 (*Olophrum*; characters; Alaska).
 — Steel, 1964a: 248, 250 (*Olophrum*; appears to be small form and synonym of *consimile*).
 — Campbell, 1983: 586 (*Olophrum*; lectotype designation; synonym of *consimile*).
- marginatum* Mäklin, 1853: 196 (*Olophrum*; [**preoccupied**]; Type locality: peninsula Kenai; [**Note:** See lectotype designation by Campbell, 1983]).
 — Fauvel, 1869: 493 (*Olophrum*; synonym of *consimile*).
 — Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
 — Scheerpeltz, 1929: 152 (*Olophrum*; characters; Alaska).
 — Munster, 1936: 100 (*Olophrum*; variety of *consimile*).
 — Steel, 1964a: 248 (*Olophrum*; synonym of *consimile*).
 — Campbell, 1983: 586 (*Olophrum*; lectotype designation; synonym of *consimile*).

- minor* J. Sahlberg, 1876: 213 (*Olophrum*; variety of *consimile*; Type locality: Muonioniska).
 — J. Sahlberg, 1871a: 424 (*Olophrum*; characters; unnamed variety of *consimile*; [Note: Bernhauer and Schubert, 1910: 66 cited this reference as the original description but without the year and with an incorrect volume and page number; there was no available name]).
 — Luze, 1905: 45 (*Olophrum*; synonym of *consimile*).
 — Bernhauer and Schubert, 1910: 66 (*Olophrum*; synonym of *consimile*).
 — Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).
- limbatum* Mäklin, 1878: 23 [= 1878a: 299] (*Olophrum*; Type locality: Jarzowa Selo, 60°10' N. lat.).
 — Mäklin, 1881: 39 (*Olophrum*; characters; Jarzowa Selo, lat. bor 60°10').
 — Ganglbauer, 1895: 721 (*Olophrum*; synonym of *consimile*).
 — Luze, 1905: 45 (*Olophrum*; synonym of *consimile*).
 — Bernhauer and Schubert, 1910: 66 (*Olophrum*; catalog).
 — Scheerpeltz, 1929: 160 (*Olophrum*; characters; Siberia).
 — Munster, 1936: 99, 100 (*Olophrum*; monstrosity of *consimile*).
 — Steel, 1964a: 248 (*Olophrum*; note).
 — Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).
- parvipenne* Scheerpeltz, 1929: 134 (*Olophrum*; variety of *alpinum*; Type locality: various localities in Alps).
 — Coiffait, 1978f: 278 (*Olophrum*; characters; France).
 — Tóth, 1982: 87 (*Olophrum*; variety of *alpinum*; characters).
 — Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).
- recticolle* Scheerpeltz, 1929: 141 (*Olophrum*; Type locality: various localities in Alps).
 — Horion, 1935: 172 (*Olophrum*; characters; East Alps; Sudeten; Carpathians).
 — Horion, 1963: 115 (*Olophrum*; Austria; Switzerland; Czech Republic; Carpathians; Romania).
 — Lohse, 1964: 55 (*Olophrum*; characters; central Europe).
 — Smetana, 1964c: 171 (*Olophrum*; characters).
 — Coiffait, 1978f: 277 (*Olophrum*; characters; France).
 — Tóth, 1982: 87 (*Olophrum*; characters).
 — Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).
 — Zanetti, 1987: 306 (*Olophrum*; characters; Italy).
 — Lucht, 1987: 89 (*Olophrum*; checklist; Poland; Czechoslovakia; Austria).
 — Lohse and Lucht, 1989: 126 (*Olophrum*; synonym of *alpinum*).
 — Boháč, 1993: 41 (*Olophrum*; synonym of *alpinum*).
 — Zanetti, 1995: 8 (*Olophrum*; synonym of *consimile*).
- curtipenne* Scheerpeltz, 1929: 143 (*Olophrum*; variety of *recticolle*; Type locality: various localities in Alps).
 — Coiffait, 1978f: 278 (*Olophrum*; variety of *recticolle*; characters; France).
 — Tóth, 1982: 87 (*Olophrum*; variety of *recticolle*; characters; Hungary).
 — Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).
- bernhauerianum* Scheerpeltz, 1929: 146 (*Olophrum*; Type locality: Dolomiten: Schlern).
 — Horion, 1963: 115 (*Olophrum*; Switzerland; Italy; Austria).
 — Lohse, 1964: 55 (*Olophrum*; characters; central Europe).
 — Campbell, 1983: 586 (*Olophrum*; synonym of *consimile*).
 — Zanetti, 1987: 307 (*Olophrum*; characters; Italy).
 — Lucht, 1987: 89 (*Olophrum*; checklist; Austria; Switzerland).
 — Lohse and Lucht, 1989: 126 (*Olophrum*; note).
 — Zanetti, 1995: 8 (*Olophrum*; synonym of *consimile*).
- marginicolle* Blair, 1933: 95 (*Olophrum*; replacement name for *marginatum* Mäklin).
- convexicolle* LeConte, 1850, see: *rotundicolle* C. Sahlberg, 1830.
- convexum* Mäklin, 1853, see: *rotundicolle* C. Sahlberg, 1830.
- crenulatum* Hatch, 1957, see: *Acidota*.
- curtipenne* Scheerpeltz, 1929, see: *consimile* Gyllenhal, 1810.

dejectum† Scudder, 1900a: 86 (*Olophrum*; pleistocene fossil; Type locality: Scarborough).

▲ **DISTRIBUTION:** Canada.

emarginatum Erichson, 1840, see: *obtectum* Erichson, 1840.

eppelsheimi Scheerpeltz, 1929: 73 (*Olophrum*; Type locality: Kasbek, Kaukasus).

▲ **DISTRIBUTION:** Georgia.

erevanicum Iablokoff-Khinzorian, 1964: 155 (*Olophrum*; Type locality: ArmSSR: Dzhrvezh, okr. Erevana).

▲ **DISTRIBUTION:** Armenia.

fimosum Gistel, 1857: 34 (*Olophrum*; [Note: **Nomen dubium**]; Type locality: Deutschland).

▲ **DISTRIBUTION:** Germany.

florae Scheerpeltz, 1935: 1 (*Olophrum*; Type locality: Hohen Tauern Salzburgs).

— Lohse, 1964: 54 (*Olophrum*; characters; Austria).

— Lucht, 1987: 89 (*Olophrum*; checklist; Austria).

▲ **DISTRIBUTION:** Austria.

foveatum Roubal, 1911a: 272 (*Olophrum*; Type locality: Kaukasus: Gudaur, in der Höhe von 7000 bis 8000').

— Scheerpeltz, 1929: 78 (*Olophrum*; characters; Caucasus).

▲ **DISTRIBUTION:** Caucasus.

fuscum Gravenhorst, 1806: 211 (*Omalium*; Type locality: Norimberga).

— Olivier, 1811: 478 (*Omalium*; characters; Germany).

— Erichson, 1839a: 623 (*Olophrum*; characters; Germany).

— Stephens, 1839: 427 (*Olophrum*; characters; England).

— Erichson, 1840: 865 (*Olophrum*; characters; Germany).

— Redtenbacher, 1849: 828 (*Olophrum*; characters; Austria).

— Redtenbacher, 1857: 248 (*Olophrum*; characters; Austria).

— Kraatz, 1857d: 940 (*Olophrum*; characters; Germany).

— Hochhuth, 1862: 103 (*Olophrum*; Russia).

— Thomson, 1884: 1033 (*Olophrum*; characters; Sweden).

— Fauvel, 1871a: 124 [= 1872: 98] (*Olophrum*; characters; France; Britain; Germany; Austria; Russia; Siberia).

— Redtenbacher, 1874: 268 (*Olophrum*; characters; Austria).

— Seidlitz, 1875: 240 (*Olophrum*; characters; Baltic region).

— Mulsant and Rey, 1880: 138 (*Olophrum*; characters; France).

— Fowler, 1888: 404 (*Olophrum*; characters; Britain).

— Ganglbauer, 1895: 720 (*Olophrum*; characters; north and middle Europe; Caucasus; Siberia; Alaska).

— Luze, 1905: 39 (*Olophrum*; characters; central and northern Europe; Siberia; Mongolia; Alaska).

— Poppius, 1909: 5 (*Olophrum*; Lena Valley, Siberia).

— Reitter, 1909: 186 (*Olophrum*; characters; Germany).

— Bernhauer and Schubert, 1910: 66 (*Olophrum*; catalog).

— Johansen, 1914: 593 (*Olophrum*; characters; Denmark).

— Van Dyck, 1921: 164 (*Olophrum*; Pribilof Islands, Alaska).

— Scheerpeltz, 1929: 58 (*Olophrum*; characters; Alps; Bohemia; Germany; France; Holland; Belgium; Denmark; England; Ireland; Scotland; Sweden; Iran).

— Munster, 1935: 26 (*Olophrum*; characters; discussion).

— Palm, 1948: 105 (*Olophrum*; characters; Sweden; Denmark; Norway; Finland).

— Horion, 1963: 111 (*Olophrum*; Britain; Denmark; Norway; Sweden; Finland; Russia; Baltic region; Poland; Czech Republic; Slovakia; Italy; France; Switzerland ?; Belgium; Holland; Germany; Austria).

— Lohse, 1964: 54 (*Olophrum*; characters; central Europe).

— Smetana, 1964c: 171 (*Olophrum*; characters).

— Steel, 1970a: 18 (*Olophrum*; larval characters; biological notes).

— Hammond, 1971: 167 (*Olophrum*; notes; characters; Britain).

- Ashworth, 1972: 214 (*Olophrum*; late-glacial subfossil; Britain).
- Pope, 1977: 22 (*Olophrum*; Britain).
- Coiffait, 1978f: 277 (*Olophrum*; characters; France).
- Hammond, 1980: 136 (*Olophrum*; Ireland).
- Waterston, Owen, Welch, Bacchus and Hammond, 1981: 273 (*Olophrum*; Outer Hebrides).
- Tóth, 1982: 86 (*Olophrum*; characters).
- Lucht, 1987: 89 (*Olophrum*; checklist; Germany; Poland; Czechoslovakia; Austria; Denmark; Sweden).
- Boháč, 1993: 41 (*Olophrum*; Slovakia; Czech Republic).
- Lemdahl and Gustavsson, 1997: 181 (*Olophrum*; collected in lateglacial and middle Holocene deposits; Sweden).
- Cibulskis, 1998: 67 (*Olophrum*; Latvia).
- Cibulskis, 1999: 35 (*Olophrum*; list; Latvia).
- ▲ **DISTRIBUTION:** Europe, Russia, Iran, Mongolia, USA.

laticolle J. Sahlberg, 1876: 211 (*Olophrum*; Type locality: Kavantholm i Viborgs; Lohikoski nära Jyväskylä).

- Fowler, 1888: 405 (*Olophrum*; synonym of *fuscum*).
- Ganglbauer, 1895: 720 (*Olophrum*; synonym of *fuscum*).
- Luze, 1905: 39 (*Olophrum*; synonym of *fuscum*).
- Bernhauer and Schubert, 1910: 66 (*Olophrum*; synonym of *fuscum*).
- Scheerpeltz, 1929: 61 (*Olophrum*; characters; Sweden; Norway; Finland).
- Munster, 1935: 26, 28 (*Olophrum*; variety of *fuscum*; notes).
- Palm, 1948: 105 (*Olophrum*; variety of *fuscum*).

nicholsoni Donisthorpe, 1910: 139 (*Olophrum*; Type locality: Wicken Fen).

- Scheerpeltz, 1929: 50 (*Olophrum*; characters; England).
- Munster, 1935: 28, 29 (*Olophrum*; monstrosity of *fuscum* variety *laticolle*; notes).
- Hammond, 1971: 166, 170 (*Olophrum*; synonym of *fuscum*).
- Pope, 1977: 22 (synonym of *fuscum*).

schusteri Scheerpeltz, 1929: 32 (*Olophrum*; Type locality: nördlichstes Norwegen).

- Munster, 1935: 25, 28, 29 (*Olophrum*; notes; cited variety, extreme form, and aberration of *laticolle*).

helleni Scheerpeltz, 1929, see: *boreale* Paykull, 1792.

henryi Herman, 2001: 37 (*Olophrum*; replacement name for *interglaciale* Wickham).

▲ **DISTRIBUTION:** USA.

interglaciale† Wickham, 1917: 145 (*Olophrum*; [**preoccupied**]; Pleistocene Fossil; Type locality: peat seam on the north bank of the Sangamon River near Mahomet,ampaign County, Illinois).

- Herman, 2001: 37 (*Olophrum*; synonym of *henryi*).

idahoense Campbell, 1983: 599 (*Olophrum*; Type locality: Idaho: Elmore Co.: Trinity Lks. region, spring nr. Big Trinity Lk., 8400 feet).

▲ **DISTRIBUTION:** USA.

interglaciale† Mjöberg, 1904: 493 (*Olophrum*; subfossil; Type locality: Sweden).

- Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).

▲ **DISTRIBUTION:** Sweden.

interglaciale Wickham, 1917, see: *henryi* Herman, 2001.

japonicum Scheerpeltz, 1929: 110 (*Olophrum*; Type locality: Japonia, Kioto).

- Watanabe, 1990: 137 (*Olophrum*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

kasbekianum Scheerpeltz, 1929: 75 (*Olophrum*; Type locality: Kasbek, Kaukasus).

▲ **DISTRIBUTION:** Georgia.

kashmiricum Cameron, 1941: 142 (*Olophrum*; Type locality: Kashmir: Gulmarg).

▲ **DISTRIBUTION:** India.

parvum Cameron, 1941: 142 (*Olophrum*; subspecies *parvum*; Type locality: Kashmir: Gulmarg).

kondarensis Iablokoff-Khnzorian, 1964: 157 (*Olophrum*; Type locality: Tadzhikskaja SSR: dolina Varzoba).

▲ **DISTRIBUTION:** Tajikistan.

laticolle J. Sahlberg, 1876, see: *fuscum* Gravenhorst, 1806.

latum Mäklin, 1853: 194 (*Olophrum*; Type locality: insula St. Georgii; Nicolajevsk peninsulae Kenai).

— Fauvel, 1878d: 245 [= 1878e: 81] (*Olophrum*; characters; Alaska).

— Ganglbauer, 1895: 720 (*Olophrum*; synonym of *fuscum*).

— Luze, 1905: 39 (*Olophrum*; synonym of *fuscum*).

— Bernhauer and Schubert, 1910: 66 (*Olophrum*; synonym of *fuscum*).

— Scheerpeltz, 1929: 56 (*Olophrum*; characters; Alaska).

— Campbell, 1983: 611 (*Olophrum*; characters; Northwest Territories; Yukon Territory; Alaska).

— Ryabukhin, 1991b: 18 (*Olophrum*; characters; Russia).

— Ryabukhin, 1999: 24 (*Olophrum*; catalog; habitat; distribution; northeastern Russia).

▲ **DISTRIBUTION:** Mongolia, Altai region, Russia, Canada, USA.

brevicolle Bernhauer, 1903b: 190 (*Olophrum*; Type locality: Central Altai).

— Luze, 1905: 40 (*Olophrum*; characters; Altai).

— Bernhauer and Schubert, 1910: 66 (*Olophrum*; catalog).

— Scheerpeltz, 1929: 42 (*Olophrum*; characters; Altai region).

— Smetana 1975c: 159 (*Olophrum*; Mongolia).

— Campbell, 1983: 611 (*Olophrum*; synonym of *latum*).

lederi Scheerpeltz, 1929: 87 (*Olophrum*; Type locality: Kasbek, Caucasus).

▲ **DISTRIBUTION:** Georgia.

leechi Hatch, 1957: 63 (*Olophrum*; Type locality: B. C. [British Columbia]: Grouse Mt. Also cited from Oregon and Idaho).

▲ **DISTRIBUTION:** Canada, USA.

leleupi Fagel, 1948: 2 (*Olophrum*; Type locality: Belgique: Wavreille).

— Horion, 1963: 110 (*Olophrum*; characters; Belgium).

— Lohse, 1964: 53 (*Olophrum*; characters; central Europe).

— Lucht, 1987: 89 (*Olophrum*; checklist; Benelux).

▲ **DISTRIBUTION:** Belgium.

leonhardi Scheerpeltz, 1929: 137 (*Olophrum*; Type locality: Bulg. Rila Geb. Vrlika).

— Zanetti, 1984: 76 (*Olophrum*; Bulgaria).

▲ **DISTRIBUTION:** Bulgaria.

limbatum Mäklin, 1878, see: *consimile* Gyllenhal, 1810.

luzei Scheerpeltz, 1929: 70 (*Olophrum*; Type locality: Kaukasus, Letschgum).

▲ **DISTRIBUTION:** Caucasus.

marginatum Kirby, 1837, see: *consimile* Gyllenhal, 1810.

marginatum Mäklin, 1853, see: *consimile* Gyllenhal, 1810.

marginicolle Blair, 1933, see: *consimile* Gyllenhal, 1810.

mesmini Scheerpeltz, 1929: 117 (*Olophrum*; Type locality: Geok-Tapa, Caucasus).

— Iablokoff-Khnzorian, 1964: 159 (*Olophrum*; characters).

▲ **DISTRIBUTION:** Caucasus.

minor J. Sahlberg, 1876, see: *consimile* Gyllenhal, 1810.

minor Poppius, 1909, see: *boreale* Paykull, 1792.

mutatum Scheerpeltz, 1929: 100 (*Olophrum*; Type locality: Japan).

— Watanabe, 1990: 129 (*Olophrum*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

nicholsoni Donisthorpe, 1910, see: *fuscum* Gravehorst, 1806.

nigropiceum Motschulsky, 1860, see: *boreale* Paykull, 1792.

obtectum Erichson, 1840: 865 (*Olophrum*; Type locality: America septentrionalis; [**Note:** See lectotype designation by Campbell, 1983]).

- Fauvel, 1869: 493 (*Olophrum*; synonym of *emarginatum*).
- Fauvel, 1878d: 242 [= 1878e: 78] (*Olophrum*; characters; Michigan; Massachusetts; Missouri).
- Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
- Blatchley, 1910: 479 (*Olophrum*; characters; Indiana).
- Scheerpeltz, 1929: 45 (*Olophrum*; characters; New Jersey, New York, Pennsylvania, Maine, New Hampshire, Massachusetts).
- Campbell, 1983: 608 (*Olophrum*; lectotype designation; characters; Ontario; Quebec; Connecticut; Illinois; Indiana; Kansas; Kentucky; Maryland; Massachusetts; Michigan; New Jersey; New York; North Carolina; Ohio; Pennsylvania; Tennessee; Virginia; West Virginia; Wisconsin).
- Levesque and Levesque, 1996: 290 (*Olophrum*; seasonal abundance; Quebec).
- Downie and Arnett, 1996: 432 (*Olophrum*; characters; USA).

▲ **DISTRIBUTION:** Canada, USA.

rotundicolle Say, 1832: 50 [= 1834: 464] (*Omalium*; [**preoccupied**]; Type locality: Pennsylvania).

- Erichson, 1840: 868 (*Olophrum*; synonym of *emarginatum*).
- Melsheimer, 1844: 43 (*Olophrum*; synonym of *emarginatum* Erichson).
- Fauvel, 1878d: 242 [= 1878e: 78] (*Olophrum*; synonym of *obtectum*).
- Bernhauer and Schubert, 1910: 67 (*Olophrum*; synonym of *obtectum*).
- Campbell, 1983: 608 (*Olophrum*; synonym of *obtectum*).

emarginatum Erichson, 1840: 868 (*Olophrum*; [**Note:** Not so stated but presumably a replacement name for *rotundicolle* Say]).

- Melsheimer, 1844: 43 (*Olophrum*; characters; found on blossoms of Red Maple).
- Bernhauer and Schubert, 1910: 67 (*Olophrum*; synonym of *obtectum*).
- Campbell, 1983: 608 (*Olophrum*; synonym of *obtectum*).

paphlagonicum Coiffait, 1978d: 172 (*Olophrum*; Type locality: Col de l'Ilgaz Dag, 1800 m).

▲ **DISTRIBUTION:** Turkey.

parvipenne Scheerpeltz, 1929, see: *consimile* Gyllenhal, 1810.

parvulum Mäklin, 1853, see: *consimile* Gyllenhal, 1810.

parvum Cameron, 1941, see: *kashmiricum* Cameron, 1941.

piceum Gyllenhal, 1810: 200 (*Omalium*; Type locality: Westmannia).

- Gyllenhal, 1827: 461 (*Omalium*; notes).
- Zetterstedt, 1828: 49 (*Omalium*; characters; Lapland).
- Curtis, 1829: 28 (*Anthobium*; catalog; Britain).
- Mannerheim, 1830: 51 (*Omalium*; Sweden).
- Mannerheim, 1831: 465 (*Omalium*; Sweden).
- Runde, 1835: 21 (*Omalium*; characters; Germany).
- Lacordaire, 1835: 485 (*Omalium*; characters; France).
- Erichson, 1839a: 623 (*Olophrum*; characters; Germany).
- Heer, 1839: 189 (*Olophrum*; characters; Switzerland).
- Stephens, 1839: 426 (*Olophrum*; characters; England).
- Erichson, 1840: 864 (*Olophrum*; characters; Germany; Hungary; England; Sweden).
- Laporte, 1840: 191 (*Omalium*; characters; Sweden; France).
- Hochhuth, 1849: 203 (*Olophrum*; characters; Caucasus).
- Redtenbacher, 1849: 749 (*Olophrum*; characters; Austria).
- Hardy, 1851: 57 (*Olophrum*; notes; England).
- Fairmaire and Laboulbène, 1856: 635 (*Olophrum*; characters; France).
- Redtenbacher, 1857: 247 (*Olophrum*; characters; Austria).
- Kraatz, 1857d: 939 (*Olophrum*; characters; Germany).
- Thomson, 1859: 49 (type species of *Olophrum*).

- Thomson, 1861: 193 (*Olophrum*; characters; Scandinavia).
- Hochhuth, 1862: 103 (*Olophrum*; Russia).
- Fauvel, 1871a: 123 [= 1872: 97] (*Olophrum*; characters; France; Scandinavia; Britain; Switzerland; Germany; Austria).
- Fauvel, 1873b: 118 [= 1873c: 11] (*Olophrum*; Sardinia; Russia).
- Redtenbacher, 1874: 268 (*Olophrum*; characters; Austria).
- Seidlitz, 1875: 240 (*Olophrum*; characters; Baltic region).
- Mulsant and Rey, 1880: 135 (*Olophrum*; characters; France).
- Fowler, 1888: 404 (*Olophrum*; characters; Britain).
- Ganglbauer, 1895: 720 (*Olophrum*; characters; north and middle Europe).
- Luze, 1905: 38 (*Olophrum*; characters; central and northern Europe).
- Reitter, 1909: 186 (*Olophrum*; characters; Germany).
- Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
- Sharp and Muir, 1912: 501 (*Olophrum*; characters of male genitalia).
- Johansen, 1914: 592 (*Olophrum*; characters; Denmark).
- Scheerpeltz, 1929: 29 (*Olophrum*; characters; Czech Republic, Germany, Holland, Belgium, France, Denmark, England, Sweden, Spain).
- Portevin, 1929: 440 (*Olophrum*; characters; France).
- Munster, 1935: 25 (*Olophrum*; characters; notes; Sweden).
- Paulian, 1941: 152 (*Olophrum*; larval characters; France).
- Palm, 1948: 105 (*Olophrum*; characters; Sweden; Denmark; Norway; Finland).
- Horion, 1963: 109 (*Olophrum*; Britain; Norway; Sweden; Finland; Denmark; Holland; Belgium; France; Switzerland; Italy; Baltic region; Czech Republic; Slovakia; Spain; Germany; Austria).
- Lohse, 1964: 53 (*Olophrum*; characters; central Europe).
- Smetana, 1964c: 170 (*Olophrum*; characters).
- Smetana, 1964d: 54 (*Olophrum*; Czechoslovakia).
- Pototskaia, 1967: 20 (*Olophrum*; larval characters).
- Kasule, 1968a: 72 (*Olophrum*; life history).
- Hammond, 1971: 167 (*Olophrum*; notes; characters; Britain).
- Pope, 1977: 22 (*Olophrum*; Britain).
- Hammond, 1980: 136 (*Olophrum*; Ireland).
- Tóth, 1982: 84 (*Olophrum*; characters; Hungary).
- Zanetti, 1987: 301 (*Olophrum*; characters; Italy).
- Lucht, 1987: 88 (*Olophrum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
- Welch, 1993: 227 (*Olophrum*; ovariole number and ovary structure).
- Boháč, 1993: 41 (*Olophrum*; Slovakia; Czech Republic).
- Zanetti, 1995: 8 (*Olophrum*; Italy).
- Owen, 1997a: 148 (*Olophrum*; collecting sites; Ireland).
- Cibulskis, 1999: 35 (*Olophrum*; list; Latvia).

▲ **DISTRIBUTION:** Europe, Russia.

blattoides Ahrens, 1812: 20 (*Silpha*, cited as *Sylpha*; Type locality: im Harze).

- Erichson, 1839a: 623 (*Olophrum*; synonym of *piceum*).
- Heer, 1839: 189 (*Olophrum*; synonym of *piceum*).
- Redtenbacher, 1849: 749 (*Olophrum*; synonym of *piceum*).
- Erichson, 1840: 864 (*Olophrum*; synonym of *piceum*).
- Kraatz, 1857d: 940 (*Olophrum*; synonym of *piceum*).
- Mulsant and Rey, 1880: 136 (*Olophrum*; synonym of *piceum*).
- Ganglbauer, 1895: 720 (*Olophrum*; synonym of *piceum*).
- Luze, 1905: 38 (*Olophrum*; synonym of *piceum*).
- Bernhauer and Schubert, 1910: 67 (*Olophrum*; synonym of *piceum*).

puncticolle Eppelsheim, 1880a: 212 (*Olophrum*; Type locality: Südungarn).

- Ganglbauer, 1895: 720 (*Olophrum*; characters; Hungary; Bosnia).
- Luze, 1905: 42 (*Olophrum*; characters; Hungary; Austria; Croatia; Bosnia; Asia Minor; Syria).
- Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).

- Scheerpeltz, 1929: 97 (*Olophrum*; characters; Croatia; Siebenbürgen; Bosnia; Herzegovina).
- Tóth, 1982: 86 (*Olophrum*; characters; Hungary).
- ▲ **DISTRIBUTION:** Austria, Hungary, Bosnia Hercegovina, Croatia, Romania, Turkey, Syria.

quesneli Hatch, 1957, see: *boreale* Paykull, 1792.

recticolle Scheerpeltz, 1929, see: *consimile* Gyllenhal, 1810.

reitteri Scheerpeltz, 1929: 83 (*Olophrum*; Type locality: Russia merid.).

- ▲ **DISTRIBUTION:** Russia.

rotundicolle Say, 1832, see: *obtectum* Erichson, 1840.

rotundicolle C. Sahlberg, 1830: 281 (*Omalium*; Type locality: Lapponia).

- Mannerheim, 1830: 51 (*Omalium*; Lapland).
- Mannerheim, 1831: 465 (*Omalium*; Lapland).
- Runde, 1835: 21 (*Omalium*; characters; Germany).
- Zetterstedt, 1838: 49 (*Omalium*; characters; habitat; Lapland).
- Erichson, 1840: 866 (*Olophrum*; characters; Finland).
- Thomson, 1861: 194 (*Olophrum*; characters; Scandinavia).
- Seidlitz, 1875: 240 (*Olophrum*; characters; Baltic region).
- J. Sahlberg, 1876: 213 (*Olophrum*; Finland).
- Fauvel, 1878d: 243 [= 1878e: 79] (*Olophrum*; characters; Lake Superior).
- Ganglbauer, 1895: 721 (*Olophrum*; characters; Sudeten; Finland; Lapland; North America).
- Luze, 1905: 46 (*Olophrum*; characters; Lithuania; Russia; Finland; Lapland; Norway; North America).
- Reitter, 1909: 186 (*Olophrum*; characters).
- Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
- Blatchley, 1910: 479 (*Olophrum*; characters; Ohio).
- Scheerpeltz, 1929: 163 (*Olophrum*; characters; Sudeten; Norway; Sweden; Finland; Russia).
- Munster, 1936: 101 (*Olophrum*; characters; notes).
- Palm, 1948: 108 (*Olophrum*; characters; Sweden; Norway; Finland).
- Hatch, 1957: 63 (*Olophrum*; characters; British Columbia).
- Horion, 1963: 116 (*Olophrum*; Russia; Finland; Sweden; Norway; Germany; Poland; Czech Republic).
- Lohse, 1964: 53 (*Olophrum*; characters; central Europe).
- Smetana, 1964c: 164 (*Olophrum*; Czechoslovakia).
- Smetana, 1964c: 172 (*Olophrum*; characters).
- Smetana, 1966: 325 (*Olophrum*; notes; Czechoslovakia).
- Ashworth, 1972: 214 (*Olophrum*; late-glacial subfossil; Britain).
- Schwert and Morgan, 1980: 101 (*Olophrum*; late glacial fossil; New York).
- Miller and Morgan, 1982: 264 (*Olophrum*; Postglacial fossils; New York).
- Campbell, 1983: 615 (*Olophrum*; characters; Alberta; British Columbia; Manitoba; Newfoundland; Northwest Territories; Ontario; Quebec; Saskatchewan; Yukon Territory; Alaska; Minnesota; New York).
- Lucht, 1987: 89 (*Olophrum*; checklist; Germany; Poland; Czechoslovakia).
- Ryabukhin, 1991b: 23 (*Olophrum*; characters; Russia).
- Elias, 1991: 556 (*Olophrum*; Quaternary fossil collection; Colorado).
- Boháč, 1993: 41 (*Olophrum*; Czech Republic).
- Downie and Arnett, 1996: 432 (*Olophrum*; characters; Canada; USA).
- Lavoie, Elias, and Payette, 1997: 231 (*Olophrum*; Holocene fossil; subarctic Quebec).
- Ryabukhin, 1999: 23 (*Olophrum*; catalog; habitat; distribution; northeastern Russia).
- ▲ **DISTRIBUTION:** Lithuania, Finland, Norway, Sweden, Germany, Poland, Czech Republic, Russia, Canada, USA.

convexicolle LeConte, 1850: 221 (*Lathrium*; Type locality: Eagle Harbor, Lake Superior; [Note: See lectotype designation by Campbell, 1983]).

- Fauvel, 1878d: 242 [= 1878e: 79] (*Olophrum*; synonym of *rotundicolle*).
- Ganglbauer, 1895: 721 (*Olophrum*; synonym of *rotundicolle*).
- Luze, 1905: 46 (*Olophrum*; synonym of *rotundicolle*).

- Bernhauer and Schubert, 1910: 67 (*Olophrum*; synonym of *rotundicolle*).
 — Campbell, 1983: 615 (*Olophrum*; lectotype designation; synonym of *rotundicolle*).
- convexum* Mäklin, 1853: 195 (*Olophrum*; Type locality: peninsula Kenai; [Note: See lectotype designation by Campbell, 1983]).
 — Fauvel, 1878d: 244 [= 1878e: 80] (*Olophrum*; characters; Alaska).
 — Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
 — Scheerpeltz, 1929: 168 (*Olophrum*; characters; Alaska).
 — Steel, 1964a: 248 (*Olophrum*; synonym of *rotundicolle*).
 — Campbell, 1983: 615 (*Olophrum*; lectotype designation; synonym of *rotundicolle*).
- roubali** Scheerpeltz, 1929: 47 (*Olophrum*; Type locality: Nordkaukasus, Talsystem des Teberda-Flusses; Gebiet des Kluchor-Passes).
 ▲ **DISTRIBUTION:** Russia.
- roubalianum** Scheerpeltz, 1929: 53 (*Olophrum*; Type locality: Nordkaukasus, Talsystem des Teberda).
 ▲ **DISTRIBUTION:** Russia.
- scheerpeltzi** Bernhauer, 1938: 18 (*Olophrum*; Type locality: China: Provinz Fukien, Foochow).
 ▲ **DISTRIBUTION:** China.
- schusteri* Scheerpeltz, 1929, see: *fuscum* Gravenhorst, 1806.
- simplex** Sharp, 1874: 97 (*Olophrum*; Type locality: Nagasaki).
 — Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
 — Scheerpeltz, 1929: 108 (*Olophrum*; characters; Japan).
 — Watanabe, 1990: 139 (*Olophrum*; characters; Japan).
 — J. Li, 1993: 19 (*Olophrum*; China).
 ▲ **DISTRIBUTION:** Japan, China.
- sinense** Scheerpeltz, 1929: 28, 64 (*Olophrum*; Type locality: Umgebung von Shanghai).
 ▲ **DISTRIBUTION:** China.
- stouti** Hatch, 1957: 63 (*Olophrum*; Type locality: Washington: Chehalis. Also cited from Oregon and British Columbia).
 ▲ **DISTRIBUTION:** Canada, USA.
- subsolanum** Watanabe, 1990: 132 (*Olophrum*; Type locality: Japan: Honshu: Shizuoka Pref.: Odaru-onsen, Izu).
 ▲ **DISTRIBUTION:** Japan.
- tadashii** Watanabe, 1990: 135 (*Olophrum*; Type locality: Japan: Honshu: Tochigi Pref.: near Sainoko Lake, Oku-Nikkô).
 ▲ **DISTRIBUTION:** Japan.
- transversicolle** Luze, 1905: 41 (*Olophrum*; Type locality: Osttirol, Taufers, 850 m).
 — Bernhauer and Schubert, 1910: 67 (*Olophrum*; synonym of *fuscum*).
 — Scheerpeltz, 1929: 40 (*Olophrum*; characters; Alps).
 — Munster, 1935: 28 (*Olophrum*; variety of *fuscum*; notes).
 — Horion, 1935: 170 (*Olophrum*; characters; Austria).
 — Horion, 1963: 110 (*Olophrum*; Austria; Italy).
 — Lohse, 1964: 54 (*Olophrum*; characters; central Europe).
 — Smetana, 1964c: 164, 171 (*Olophrum*; notes; characters; Czechoslovakia).
 — Zanetti, 1987: 302 (*Olophrum*; characters; Italy).
 — Lucht, 1987: 89 (*Olophrum*; checklist; Austria).
 — Boháč, 1993: 41 (*Olophrum*; Slovakia; Czech Republic).
 — Zanetti, 1995: 8 (*Olophrum*; Italy).
 ▲ **DISTRIBUTION:** Italy, Austria, Czechoslovakia.
- vicinum** Sharp, 1889: 472 (*Olophrum*; Type locality: Iwakisan).
 — Bernhauer and Schubert, 1910: 67 (*Olophrum*; catalog).
 — Scheerpeltz, 1929: 103 (*Olophrum*; characters; Japan).
 — Watanabe, 1990: 133 (*Olophrum*; characters; Japan).
 ▲ **DISTRIBUTION:** Japan.

viennense Scheerpeltz, 1929: 90 (*Olophrum*; Type locality: Mariabrunn b. Wien. Also cited from Slovakia, Hungary).

— Horion, 1963: 112 (*Olophrum*; Austria; Czech Republic; Slovakia; Hungary).

— Lohse, 1964: 54 (*Olophrum*; characters; central Europe).

— Smetana, 1964c: 171 (*Olophrum*; characters).

— Tóth, 1982: 86 (*Olophrum*; characters; Hungary).

— Lucht, 1987: 89 (*Olophrum*; checklist; Czechoslovakia; Austria).

— Boháč, 1993: 41 (*Olophrum*; Slovakia; Czech Republic).

▲ **DISTRIBUTION:** Austria, Hungary, Slovakia.

yasudai Watanabe, 1990: 139 (*Olophrum*; Type locality: Japan: Hokkaido: Mt. Kurodake on Daisetsu Mts.).

▲ **DISTRIBUTION:** Japan.

Omalorphanus

[1 species; Nearctic Region]

Omalorphanus Campbell and Chandler, 1987: 315 (species included: *aenigma*). **TYPE SPECIES:** *Omalorphanus aenigma* Campbell and Chandler, fixed by original designation and monotypy.

— Newton, Thayer, Ashe, and Chandler, 2000: 340 (1 Nearctic species; notes; characters in key).

aenigma Campbell and Chandler, 1987: 325 (*Omalorphanus*; Type locality: Oregon: Lane Co., H. J. Andrews Exp. For., Road 1506, 4000 feet).

▲ **DISTRIBUTION:** USA.

Orobanus

[7 species; Nearctic Region]

Orobanus LeConte, 1878: 453 (species included: *simulator*). **TYPE SPECIES:** *Orobanus simulator* LeConte, fixed by monotypy.

— Fauvel, 1878d: 249 [= 1878e: 83] (characters).

— Duvivier, 1883: 194 (catalog).

— Casey, 1886: 247 (key to species).

— Casey, 1894: 405 (notes; key to North American species).

— Bernhauer and Schubert, 1910: 74 (world catalog; 3 species).

— Leng, 1920: 95 (catalog of North American species).

— Mank, 1934: 123 (key to species).

— Blackwelder, 1952: 277 (type species: *simulator*).

— Hatch, 1957: 51, 72 (characters; key to species of Pacific Northwest).

— Moore, 1966: 48 (characters; notes).

— Moore and Legner, 1975: 203 (catalog; North America north of Mexico).

— Campbell, 1978: 1 (moved to Anthophagini).

— Moore and Legner, 1979: 187 (characters; notes).

— Campbell and Davies, 1991: 90 (checklist of species; Canada).

— Newton, Thayer, Ashe, and Chandler, 2000: 340 (7 Nearctic species; notes; characters in key).

densus Casey, 1886: 246 (*Orobanus*; Type locality: California: San Diego).

— Casey, 1894: 406 (*Orobanus*; characters; Sonoran region).

— Bernhauer and Schubert, 1910: 74 (*Orobanus*; catalog).

— Mank, 1934: 123 (*Orobanus*; characters in key).

▲ **DISTRIBUTION:** USA.

falli Mank, 1934: 122 (*Orobanus*; Type locality: Redwood Park, Contra Costa Co., California).

— Hatch, 1957: 73 (*Orobanus*; characters; British Columbia; Washington; Oregon).

▲ **DISTRIBUTION:** Canada, USA.

montanus Mank, 1934: 121 (*Orobanus*; Type locality: Lake St. Mary near Sun Camp, Glacier National Park, Montana).

▲ **DISTRIBUTION:** USA.

mormonus Mank, 1934: 122 (*Orobanus*; Type locality: Ogden, Ut[ah]).

▲ **DISTRIBUTION:** USA.

rufipes Casey, 1886: 245 (*Orobanus*; Type locality: California: Hoopa Val., Humboldt Co.).

— Casey, 1894: 406 (*Orobanus*; characters; Pacific region).

— Bernhauer and Schubert, 1910: 74 (*Orobanus*; catalog).

— Mank, 1934: 123 (*Orobanus*; characters in key).

— Hatch, 1957: 72 (*Orobanus*; characters; British Columbia; Washington; Oregon; Idaho).

▲ **DISTRIBUTION:** Canada, USA.

simulator LeConte, 1878: 453 (*Orobanus*; Type locality: Leavenworth Valley, 9000 to 10,000 feet; Vancouver Island; Gilroy and Holcomb Valley, California).

— Fauvel, 1878d: 249 [= 1878e: 83] (*Orobanus*; characters; Colorado; California; Vancouver Island).

— Casey, 1894: 405 (*Orobanus*; characters; Rocky Mts.).

— Bernhauer and Schubert, 1910: 74 (*Orobanus*; catalog).

— Mank, 1934: 123 (*Orobanus*; characters in key).

— Hatch, 1957: 73 (*Orobanus*; characters; British Columbia; Washington; Oregon).

▲ **DISTRIBUTION:** Canada, USA.

tarsalis Hatch, 1957: 73 (*Orobanus*; Type locality: Oregon: McMinnville. Also cited from British Columbia and Washington).

▲ **DISTRIBUTION:** Canada, USA.

Orochares

[6 species; Nearctic and Palaeartic Regions]

Orochares Kraatz, 1857d: 955 (species included: *angustatus*). **TYPE SPECIES:** *Deliphrum angustatum* Erichson, fixed by monotypy.

— Redtenbacher, 1857: 993 (characters).

— Schaum, 1859: 31 (catalog; European species).

— Wencker and Silbermann, 1866: 36 (list of species; collecting notes; France).

— Gemminger and Harold, 1868: 662 (catalog).

— Fauvel, 1871a: 126 [= 1872: 100] (characters).

— Redtenbacher, 1874: 270 (characters).

— Fauvel, 1875a: VII [= 1875b: 209] (catalog).

— Mulsant and Rey, 1880: 89 (characters).

— Seidlitz, 1891: 342 (key to some European species).

— Seidlitz, 1891a: 364 (key to some European species).

— Heyden, Reitter, and Weise, 1891: 118 (list of species of Europe and Caucasus).

— Ganglbauer, 1895: 725 (characters).

— Heyden, Reitter, and Weise, 1906: 133 (list of species of Europe and Caucasus).

— Reitter, 1909: 184 (characters).

— Bernhauer and Schubert, 1910: 62 (world catalog; 1 species).

— Johansen, 1914: 591 (characters).

— Leng, 1920: 94 (catalog of North American species).

— Winkler, 1925: 332 (catalog for Palaeartic region).

— Porta, 1926: 24 (characters; species of Italy).

— Joy, 1932: 95 (key to British species).

— Scheerpeltz, 1933: 1053 (world catalog supplement).

— Kloet and Hincks, 1945: 161 (list of British species).

— Palm, 1948: 93 (characters).

— Tottenham, 1949: 356, 407 (type species: *angustatum* Erichson; list of British species).

— Blackwelder, 1952: 277 (type species: *angustata*).

— Tottenham, 1954: 28 (characters; British species).

— Horion, 1963: 99 (list of central European species).

— Székessy, 1963: 16 (characters).

— Lohse, 1964: 50 (characters; key to central European species).

— Moore, 1966: 48, 56 (characters; notes).

- Scheerpeltz, 1968a: 12 (catalog of Austrian species).
- Tikhomirova, 1973a: 139 (checklist of species of USSR).
- Moore and Legner, 1975: 204 (catalog; North America north of Mexico).
- Shibata, 1976: 108 (checklist of species of Japan).
- Pope, 1977: 23 (list of British species).
- Burakowski, Mroczkowski, and Stefańska, 1979: 52 (catalog; Poland).
- Moore and Legner, 1979: 188 (characters; notes).
- Muona, 1979: 18 (list of Scandinavian species).
- Tóth, 1982: 70 (characters; habitus; species of Hungary).
- Campbell, 1984a: 1234 (characters; review of and key to North American species).
- Zanetti, 1987: 268 (characters; habitus; species of Italy).
- Watanabe, 1990: 260 (characters; species of Japan).
- Silfverberg, 1992: 22 (list of species of Fennoscandia, Denmark, and the Baltic States).
- Thayer, 1993: 286 (checklist; synonymy; notes; discussion).
- Zanetti, 1995: 8 (list of species of Italy).
- M. Hansen, 1996: 95 (list of Danish species).
- Downie and Arnett, 1996: 433 (characters; key to species of Northeastern North America).
- Newton, Thayer, Ashe, and Chandler, 2000: 340 (2 Nearctic species; notes; characters in key).

Paradeliphrum Hatch, 1957: 50, 67 (species included: *tumidum*, *inflatum*). **TYPE SPECIES:** *Paradeliphrum tumidum* Hatch, fixed by original designation.

- Moore, 1966: 48, 51 (characters; notes).
- Moore and Legner, 1975: 205 (catalog; North America north of Mexico).
- Moore and Legner, 1979: 189 (characters; notes).
- Campbell, 1984a: 1234 (synonym of *Orochares*).
- Thayer, 1993: 286 (synonym of *Orochares*).

Osellia Zanetti, 1983: 423 (species included: *calabra*). **TYPE SPECIES:** *Osellia calabra* Zanetti, fixed by original designation.

- Zanetti, 1987: 278 (characters; habitus; species of Italy).
- Thayer, 1993: 286 (synonym of *Orochares*).

angustatus Erichson, 1840: 874 (*Deliphrum*; Type locality: Thuringia, Austria).

- Redtenbacher, 1849: 750 (*Deliphrum*; characters; Austria).
- Fairmaire and Laboulbène, 1856: 638 (*Deliphrum*; characters; France).
- Redtenbacher, 1857: 249 (*Deliphrum*; characters; Austria).
- Kraatz, 1857d: 956 (*Orochares*; characters; Germany).
- Fauvel, 1871a: 126 [= 1872: 100] (*Orochares*; characters; France; Germany; Austria).
- Redtenbacher, 1874: 270 (*Orochares*; characters; Austria).
- Seidlitz, 1875: 236 (*Orochares*; characters; Baltic region).
- Mulsant and Rey, 1880: 91 (*Orochares*; characters; France).
- Ganglbauer, 1895: 726 (*Orochares*; characters; Germany; France; North America).
- Sainte-Claire Deville, 1907: 41 (*Orochares*; characters; France).
- Reitter, 1909: 185 (*Orochares*; characters; Germany).
- Bernhauer and Schubert, 1910: 62 (*Orochares*; catalog).
- Johansen, 1914: 591 (*Orochares*; characters; Denmark).
- Portevin, 1929: 438 (*Orochares*; characters; France).
- Scheerpeltz, 1933: 1054 (*Orochares*; catalog).
- Palm, 1948: 94 (*Orochares*; characters; Denmark).
- Horion, 1963: 99 (*Orochares*; Britain; Denmark; Holland; Belgium; France; Switzerland; Italy; Czechoslovakia; Germany; Austria).
- Lohse, 1964: 50 (*Orochares*; characters; central Europe).
- Pope, 1977: 23 (*Orochares*; Britain).
- Tóth, 1982: 70 (*Orochares*; characters; Hungary).
- Campbell, 1984a: 1237 (*Orochares*; characters; Massachusetts).
- Segers, 1986: 21 (*Orochares*; checklist of species; Belgium).
- Zanetti, 1987: 270 (*Orochares*; characters; Italy).

- Lucht, 1987: 88 (*Orochares*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
- Thayer, 1993: 286 (*Orochares*; checklist; Europe; eastern USA ?).
- Boháč, 1993: 41 (*Orochares*; Slovakia; Czech Republic).
- Zanetti, 1995: 8 (*Orochares*; Italy).
- Downie and Arnett, 1996: 433 (*Orochares*; characters; USA).
- Cibulskis, 1999: 35 (*Orochares*; list; Latvia).
- ▲ **DISTRIBUTION:** Britain, Denmark, Netherlands, Belgium, Germany, France, Switzerland, Italy, Austria, Hungary, Slovakia, Czech Republic, USA.

calaber Zanetti, 1983: 429 (*Osellia*; Type locality: Montalto, Aspromonte, Reggio di Calabria, 1850 m).

- Zanetti, 1987: 280 (*Osellia*; characters; Italy).
- Thayer, 1993: 286 (*Orochares*; checklist; Calabria).
- Sparacio, 1995: 142 (*Osellia*; characters; notes; Sicily).
- Zanetti, 1995: 8 (*Orochares*; Italy).
- ▲ **DISTRIBUTION:** Italy.

siculus Zanetti, 1983: 434 (*Osellia*; subspecies of *calabra* [sic]; Type locality: M. Soro, Madonie, Messina, 1840 m).

- Zanetti, 1987: 280 (*Osellia*; subspecies of *calabra* [sic]; characters; Italy).
- Thayer, 1993: 286 (*Orochares*; subspecies of *calaber*; Sicily).
- Zanetti, 1995: 8 (*Orochares*; subspecies of *calaber*; Italy).

debilis Sharp, 1889: 472 (*Amphichroum*; Type locality: Yokohama).

- Bernhauer and Schubert, 1910: 70 (*Amphichroum*; catalog).
- Watanabe, 1990: 262 (*Orochares*; characters; Japan).
- Thayer, 1993: 286 (*Orochares*; checklist; Honshu).
- ▲ **DISTRIBUTION:** Japan.

japonicus Cameron, 1933a: 168 (*Orochares*; Type locality: Japan: Kobe).

- Thayer, 1993: 286 (*Orochares*; synonym of *debilis*).

japonicus Cameron, 1933, see: *debilis* Sharp, 1889.

siculus Zanetti, 1983, see: *calaber* Zanetti, 1983.

suteri Campbell, 1984a: 1240 (*Orochares*; Type locality: USA: Wisconsin: Kenosha Co.: County Line Woods. Also cited from Illinois).

- Thayer, 1993: 286 (*Orochares*; checklist; Wisconsin; Illinois).
- Downie and Arnett, 1996: 433 (*Orochares*; characters; USA).
- ▲ **DISTRIBUTION:** USA.

tumidus Hatch, 1957: 67 (*Paradeliphrum*; Type locality: Oregon: McMinnville. Also cited from British Columbia).

- Campbell, 1984a: 1239 (*Orochares*; characters; British Columbia; Oregon).
- Campbell and Davies, 1991: 91 (*Orochares*; checklist of species; Canada).
- Thayer, 1993: 286 (*Orochares*; checklist; Oregon; British Columbia).
- ▲ **DISTRIBUTION:** Canada, USA.

villiersi Jarrige, 1971: 488 (*Orochares*; Type locality: Iran: Dacht Argen, 60 km O. de Chiraz).

- Thayer, 1993: 286 (*Orochares*; checklist; Iran).
- ▲ **DISTRIBUTION:** Iran.

Paramannerheimia

[1 species; Palaearctic Region]

Paramannerheimia Scheerpeltz, 1976: 8 (species included: *janetscheki*). **TYPE SPECIES:** *Paramannerheimia janetscheki* Scheerpeltz, fixed by original designation.

janetscheki Scheerpeltz, 1976: 9 (*Paramannerheimia*; Type locality: Nepal: Tarnga [= Danke] nach Ringmo, 3800–4370 m).

- ▲ **DISTRIBUTION:** Nepal.

Paratrichodromeus

[2 species; Palaearctic Region]

Paratrichodromeus Zerche, 1992a: 122 (species included: *sukranensis*, *punctulatus*). **TYPE SPECIES:** *Paratrichodromeus sukranensis* Zerche, fixed by original designation.

punctulatus Luze, 1904: 77 (*Geodromicus*; Type locality: Seravschan: Kschut: Artutsch; Jagnob: Varsaut).

— Bernhauer and Schubert, 1910: 77 (*Geodromicus*; catalog).

— Zerche, 1992a: 123 (*Paratrichodromeus*; Tadjhikistan).

▲ **DISTRIBUTION:** Tajikistan, Uzbekistan.

sukranensis Zerche, 1992a: 124 (*Paratrichodromeus*; Type locality: Asia centr., Tadsch., Dschirgatalski Raj., Sukran-Schlucht, 2590 m/ Burs-Gletscher-Fuss).

▲ **DISTRIBUTION:** Tajikistan.

Pelecomalium

[12 species; Nearctic Region]

Pelecomalium Casey, 1886: 241 (species included: *binotatum*, *modestum*). **TYPE SPECIES:** *Pelecomalium binotatum* Casey, fixed by subsequent designation by Blackwelder, 1952: 296.

— Casey, 1894: 412 (notes; key to North American species).

— Bernhauer and Schubert, 1910: 75 (world catalog; 13 species).

— Leng, 1920: 95 (catalog of North American species).

— Hatch, 1957: 49, 55 (characters; key to species of Pacific Northwest).

— Moore, 1966: 48, 49 (characters; notes).

— Moore and Legner, 1975: 206 (catalog; North America north of Mexico).

— Moore and Legner, 1979: 190 (characters; notes).

— Campbell and Davies, 1991: 90 (checklist of species; Alaska and Canada).

— Downie and Arnett, 1996: 432 (characters; species of Northeastern North America).

— Newton, Thayer, Ashe, and Chandler, 2000: 340 (12 Nearctic species; notes; characters in key).

Heterops Mannerheim, 1843b: 234 1852: 380 (species included: *testaceus*; [**preoccupied** by Blanchard, 1842]; [**Note:** This name was first published in 1843 as a junior synonym but was made available in a 1852 catalog citation when an available nominal species, “*testaceus* Eschscholtz”, was included. The second included nominal species was unavailable]. **TYPE SPECIES:** *Arpedium testaceum* Mannerheim, fixed by monotypy by Mannerheim, 1843b.

— 1852: 380 (catalog; name made available by inclusion of available nominal species).

— Blackwelder, 1952: 185 (type species; synonym of *Pelecomalium*).

Pelekyomalium Eichelbaum, 1909: 100 (emendation of *Pelecomalium*; synonym of *Amphichroum*). **TYPE SPECIES:** *Pelecomalium binotatum* Casey, fixed by objective synonymy with *Pelecomalium*.

— Blackwelder, 1952: 297 (type species; synonym of *Pelecomalium*).

alutaceum Casey, 1886: 236 (*Amphichroum*; Type locality: California: Marin Co.).

— Casey, 1894: 414 (*Pelecomalium*).

— Bernhauer and Schubert, 1910: 75 (*Pelecomalium*; catalog).

▲ **DISTRIBUTION:** USA.

binotatum Casey, 1886, see: *testaceum* Mannerheim, 1843.

crassicorne Casey, 1886: 239 (*Amphichroum*; Type locality: California: Siskiyou Co.).

— Casey, 1894: 414 (*Pelecomalium*).

— Bernhauer and Schubert, 1910: 75 (*Pelecomalium*; catalog).

▲ **DISTRIBUTION:** USA.

flavescens Casey, 1894: 414 (*Pelecomalium*; Type locality: California: Lake Tahoe).

— Bernhauer and Schubert, 1910: 75 (*Pelecomalium*; catalog).

▲ **DISTRIBUTION:** USA.