

- puella** J. Sahlberg, 1880: 111 (*Phyllodrepa*; Type locality: Polovinka).  
 — Bernhauer and Schubert, 1910: 48 (*Phyllodrepa*; subgenus *Dropephylla*; catalog).  
 — Tikhomirova, 1973a: 138 (*Phyllodrepa*; subgenus *Dropephylla*; checklist; eastern Siberia).  
 ▲ **DISTRIBUTION:** Russia.
- pulchella* Luze, 1906 [**Note: Nomen nudum**], see: *vilis* Erichson, 1840.
- punctiventris** Fauvel, 1878d: 210 [= 1878e: 46] (*Omalium*, cited as *Homalium*; Type locality: Pennsylvania; Missouri).  
 — Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).  
 — Downie and Arnett, 1996: 436 (*Hapalaraea*; characters; USA).  
 ▲ **DISTRIBUTION:** USA.
- reitteri** Luze, 1906: 570 (*Phyllodrepa*; Type locality: Lenkoran).  
 — Bernhauer and Schubert, 1910: 48 (*Phyllodrepa*; subgenus *Dropephylla*; catalog).  
 — Tikhomirova, 1973a: 138 (*Phyllodrepa*; subgenus *Dropephylla*; checklist; Talysh).  
 ▲ **DISTRIBUTION:** Azerbaijan.
- rufa** Coiffait, 1982: 143 (*Phyllodrepa*; subgenus *Dropephylla*, cited as *Dropephylla*; Type locality: Inde: Cachemire, Pahalgam).  
 ▲ **DISTRIBUTION:** India.
- ruficornis* Stephens, 1834, see: *floralis* Paykull, 1789.
- ruficornis* Kraatz, 1857, see: *puberula* Bernhauer, 1903.
- rufipennis** Luze, 1906: 554 (*Phyllodrepa*; Type locality: Sibirien, Baikalsee).  
 — Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).  
 — Tikhomirova, 1973a: 137 (*Phyllodrepa* subgenus *Phyllodrepa*; checklist; eastern Siberia; Far East).  
 ▲ **DISTRIBUTION:** Russia.
- rufotestacea* Scheerpeltz, 1956, see: *melanocephala* Fabricius, 1787.
- sahlbergi** Luze, 1906: 561 (*Phyllodrepa*; replacement name for *crassicornis* J. Sahlberg).  
 — Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).  
 — J. Sahlberg, 1920: 262 (*Phyllodrepa*; [**Note:** Misidentification: Scheerpeltz, 1933: 1041 cited *rufipennis* Sahlberg as a synonym of *sahlbergi*; Sahlberg did not describe the species as new; the species was simply cited in a list]).  
 — Scheerpeltz, 1933: 1041 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).  
 — Palm, 1948: 72 (*Phyllodrepa*; characters; Sweden; Finland).  
 — Huggert and Ulefors, 1971: 57 (*Phyllodrepa*; Sweden).  
 — Tikhomirova, 1973a: 137 (*Phyllodrepa* subgenus *Phyllodrepa*; checklist; northern Europe; northern Siberia).  
 ▲ **DISTRIBUTION:** northern Europe, Russia.
- crassicornis* J. Sahlberg, 1876: 217 (*Etheothassa*; [**preoccupied**]; Type locality: Kouta i Ryska Lappmarken).  
 — Luze, 1906: 561 (*Phyllodrepa*; synonym of *sahlbergi*).  
 — Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; synonym of *sahlbergi*).
- salicina* Gyllenhal, 1827, see: *nigra* Gravenhorst, 1806.
- salicis** Gyllenhal, 1810: 226 (*Omalium*; Type locality: Westrogothia).  
 — Gyllenhal, 1827: 467 (*Omalium*).  
 — Curtis, 1829: 29 (*Omalium*; catalog; Britain).  
 — Mannerheim, 1830: 54 (*Anthobium*; Finland).  
 — Mannerheim, 1831: 468 (*Anthobium*; Finland).  
 — Stephens, 1834: 351 (*Omalium*; characters; England).  
 — C. Sahlberg, 1830: 286 (*Omalium*; characters; Finland).  
 — Stephens, 1839: 429 (*Omalium*; characters; England).  
 — Erichson, 1840: 880 (*Omalium*; characters; Sweden).  
 — Laporte, 1840: 192 (*Anthobium*; characters; France).  
 — Redtenbacher, 1857: 253 (*Omalium*; characters; Germany).  
 — Thomson, 1857a: 225 (*Omalium*; characters).  
 — Kraatz, 1857d: 994 (*Omalium*; characters; Germany).

- Thomson, 1861: 215 (*Phyllodrepa*; characters; Scandinavia).
- Rye, 1870a: 87 (*Omalium*, cited as *Homalium*; notes; Britain).
- Fauvel, 1871a: 88 [= 1872: 61] (*Omalium*, cited as *Homalium*; characters; France; Scandinavia; Britain; Germany).
- Redtenbacher, 1874: 277 (*Omalium*; characters).
- Seidlitz, 1875: 235 (*Omalium*; characters; Baltic region).
- J. Sahlberg, 1876: 223 (*Phyllodrepa*; Finland).
- Mulsant and Rey, 1880: 231 (*Phyllodrepa*; characters; France).
- Fowler, 1888: 419 (*Omalium*, cited as *Homalium*; subgenus *Phyllodrepa*; characters; Britain).
- Ganglbauer, 1895: 740 (*Phyllodrepa*; characters; north and middle Europe).
- Luze, 1906: 553 (*Phyllodrepa*; characters; northern and central Europe).
- Reitter, 1909: 193 (*Phyllodrepa*; characters; Germany).
- Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).
- Portevin, 1929: 448 (*Phyllodrepa*; characters; France).
- Scheerpeltz, 1933: 1041 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).
- Palm, 1948: 70 (*Phyllodrepa*; characters; Sweden; Denmark; Norway; Finland).
- Horion, 1963: 61 (*Phyllodrepa*; subgenus *Phyllodrepa*; Russia; Greece; Bosnia Hercegovina; Slovenia; Romania; Hungary; Slovakia; Czech Republic; Italy; Switzerland; France; Belgium; Holland; Denmark; Norway; Sweden; Finland; Russia; Germany; Austria).
- Lohse, 1964: 38 (*Phyllodrepa*; subgenus *Phyllodrepa*; characters; central Europe).
- Pope, 1977: 23 (*Phyllodrepa*; Britain).
- Tóth, 1982: 53 (*Hapalaraea*; characters; Hungary).
- Zanetti, 1987: 177 (*Phyllodrepa*; subgenus *Phyllodrepa*; characters; Italy).
- Lucht, 1987: 86 (*Phyllodrepa*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; Benelux; Denmark; Sweden).
- Zanetti, 1995: 6 (*Phyllodrepa*; Italy).

▲ **DISTRIBUTION:** Europe.

*crassicornis* A. Matthews, 1863: 8650 (*Omalium*; Type locality: near Waddington, Lincolnshire).

- Rye, 1864a: 64 (*Omalium*; characters; Britain).
- Fauvel, 1869: 494 (*Omalium*, cited as *Homalium*; synonym of *salicis*).
- Fauvel, 1871a: 88 [= 1872: 62] (*Omalium*, cited as *Homalium*; synonym of *salicis*).
- Ganglbauer, 1895: 740 (*Phyllodrepa*; synonym of *salicis*).
- Luze, 1906: 554 (*Phyllodrepa*; synonym of *salicis*).
- Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; synonym of *salicis*).

*scabriuscula* Kraatz, 1857, see: *linearis* Zetterstedt, 1828.

**schatzmayri** Bernhauer, 1932c: 232 (*Phyllodrepa*; subgenus *Dropephylla*; Type locality: Algier: Laverdure).

▲ **DISTRIBUTION:** Algeria.

*sekeræ* Reitter, 1905, see: *Dialycera*.

*sharpi* Bernhauer, 1939, see: *Stenomalium*.

**strigipennis** Mäklin, 1852: 320 (*Omalium*; Type locality: insula Sitkha).

- Mäklin, 1853: 197 (*Omalium*; characters; Sitka Island; Kadjak Island).
- Fauvel, 1878d: 210 [= 1878e: 46] (*Omalium*, cited as *Homalium*; characters; Alaska; California; Siberia).
- Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).

▲ **DISTRIBUTION:** USA, Russia.

**translucida** Kraatz, 1857d: 998 (*Omalium*; Type locality: südliches Deutschland).

- Redtenbacher, 1857: 994 (*Omalium*; characters; Austria).
- Redtenbacher, 1874: 278 (*Omalium*; characters).
- Ganglbauer, 1895: 740 (*Phyllodrepa*; characters; Germany).
- Luze, 1906: 492, 558 (*Phyllodrepa*; synonym of *nigra*).
- Reitter, 1909: 193 (*Phyllodrepa*; variety of *translucida*; characters; Germany).
- Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).
- Scheerpeltz, 1933: 1040 (*Phyllodrepa*; aberration of *nigra*).

- Horion, 1963: 64 (*Phyllodrepa*; not aberration of *nigra*).
- Lohse, 1964: 38 (*Phyllodrepa*; subgenus *Phyllodrepa*; valid species; characters; central Europe).
- Lucht, 1987: 86 (*Phyllodrepa*).
- Haghebaert, Bruge, and Drugmand, 1990: 35 (*Phyllodrepa*; Belgium).
- Boháč, 1993: 40 (*Hapalaraea*; subgenus *Phyllodrepa*; Czech Republic).
- ▲ **DISTRIBUTION:** Belgium, Germany, Austria.

**turanica** Solsky, 1874: 209 (*Omalium*; Type locality: Maracandam).

- Bernhauer and Schubert, 1910: 47 (*Phyllodrepa*; subgenus *Phyllodrepa*; catalog).
- Tikhomirova, 1973a: 138 (*Phyllodrepa*; subgenus *Phyllodrepa*; checklist; Central Asia).
- ▲ **DISTRIBUTION:** Uzbekistan.

*viburni* Gravenhorst, 1802, see: *floralis* Paykull, 1789.

**vilis** Erichson, 1840: 882 (*Omalium*; Type locality: Saxonia montana).

- Redtenbacher, 1849: 829 (*Omalium*; characters).
- Thomson, 1857a: 226 (*Omalium*; characters).
- Fairmaire and Laboulbène, 1856: 641 (*Omalium*; characters; France).
- Redtenbacher, 1857: 253 (*Omalium*; characters; Germany).
- Kraatz, 1857d: 993 (*Omalium*; characters; Germany).
- Thomson, 1861: 216 (*Phyllodrepa*; characters; Scandinavia).
- Rye, 1870a: 88 (*Omalium*, cited as *Homalium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 49 cited *gracilicornis* Rye as a synonym of *vilis*; Rye did not describe the species as new, he attributed it to Fairmaire and Laboulbène]; notes; Britain).
- Fauvel, 1871a: 91 [= 1872: 65] (*Omalium*, cited as *Homalium*; characters; France; Scandinavia; Britain; Germany; Switzerland; Italy; Corsica; Algeria; Cyprus).
- Fauvel, 1873b: 115 [= 1873c: 8] (*Omalium*, cited as *Homalium*; Sicily).
- Fauvel, 1874: 322 [= 1874b: 28] (*Omalium*, cited as *Homalium*; Sardinia).
- Redtenbacher, 1874: 277 (*Omalium*; characters).
- Seidlitz, 1875: 235 (*Omalium*; characters; Baltic region).
- Fauvel, 1878: 89 [= 1878a: 9] (*Omalium*, cited as *Homalium*; Algeria).
- Mulsant and Rey, 1880: 254 (*Phyllodrepa*; subgenus *Dropephylla*; characters; France).
- Fauvel, 1886: 14 [= 1886a: 6] (*Omalium*, cited as *Homalium*; Algeria).
- Fowler, 1888: 419 (*Omalium*, cited as *Homalium*; subgenus *Phyllodrepa*; characters; Britain).
- Ganglbauer, 1895: 742 (*Phyllodrepa*; subgenus *Dropephylla*; characters; north and middle Europe; Mediterranean region).
- Fauvel, 1902b: 52 (*Omalium*, cited as *Homalium*; Algeria; Tunisia).
- Luze, 1906: 572 (*Phyllodrepa*; characters; Europe; Mediterranean region; Greece; Lenkoran).
- Sainte-Claire Deville, 1906: 69 (*Omalium*, cited as *Homalium*; Corsica).
- Reitter, 1909: 193 (*Phyllodrepa*; subgenus *Dropephylla*; characters; Germany).
- Bernhauer and Schubert, 1910: 49 (*Phyllodrepa*; subgenus *Dropephylla*; catalog).
- Johansen, 1914: 616 (*Phyllodrepa*; subgenus *Dropephylla*; characters; Denmark).
- Portevin, 1929: 449 (*Phyllodrepa*; characters; France).
- Bernhauer, 1931e: 8 (*Phyllodrepa*; Spain).
- Scheerpeltz, 1933: 1042 (*Phyllodrepa*; subgenus *Dropephylla*; catalog).
- Palm, 1948: 74 (*Phyllodrepa*; subgenus *Dropephylla*; characters; Sweden; Denmark; Norway).
- Horion, 1963: 69 (*Phyllodrepa*; subgenus *Dropephylla*; Algeria; Tunisia; Cyprus; Turkey; Georgia; Armenia; Azerbaijan; Britain; Norway; Sweden; Holland; Belgium; France; Spain; Corsica; Sardinia; Sicily; Italy; Dalmatia; Bosnia Hercegovina; Greece; Hungary; Czechoslovakia; Poland; Russia; Germany; Austria).
- Lohse, 1964: 40 (*Phyllodrepa*; subgenus *Dropephylla*; characters; central Europe).
- Coiffait, 1968c: 505 (*Phyllodrepa*; Corsica).
- Steel, 1970a: 11 (*Dropephylla*; biological notes).
- Tikhomirova, 1973a: 138 (*Phyllodrepa*; subgenus *Dropephylla*; checklist; Central Asia).
- Legner and Moore, 1977: 175 (*Hapalaraea*; found under bark).
- Pope, 1977: 23 (*Dropephylla*; Britain).
- Hammond, 1980: 137 (*Dropephylla*; Ireland).
- Tóth, 1982: 56 (*Hapalaraea*; characters; Hungary).

- Zanetti, 1987: 191 (*Phyllodrepa*; subgenus *Dropephylla*; characters; Italy).
- Lucht, 1987: 87 (*Phyllodrepa*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
- Welch, 1993: 227 (*Dropephylla*; ovariole number and ovary structure).
- Boháč, 1993: 40 (*Hapalaraea*; Slovakia; Czech Republic).
- Zanetti, 1995: 7 (*Phyllodrepa*; Italy).
- M. Hansen, 1996: 94 (*Phyllodrepa*).
- Fowles, Alexander, and Key, 1999: 129 (*Dropephylla*; saproxylic species; status as endangered or threatened species; Britain).

▲ **DISTRIBUTION:** Europe, Algeria, Tunisia, Azerbaijan, “Central Asia”.

*brevicornis* Erichson, 1840: 884 (*Omalium*; Type locality: Sardinia).

- Kraatz, 1857d: 993 (*Omalium*; notes).
- A. Matthews, 1863: 8650 (*Omalium*; characters; England).
- Rye, 1864a: 63 (*Omalium*; characters; notes; Britain).
- Fauvel, 1871a: 91 [= 1872: 65] (*Omalium*, cited as *Homalium*; characters; Sardinia; Britain).
- Fauvel, 1873b: 115 [= 1873c: 8] (*Omalium*, cited as *Homalium*; synonym of *vile*).
- Mulsant and Rey, 1880: 251 (*Phyllodrepa*; subgenus *Dropephylla*; characters; France).
- Fowler, 1888: 419 (*Omalium*, cited as *Homalium*; subgenus *Phyllodrepa*; characters; Britain).
- Ganglbauer, 1895: 742 (*Phyllodrepa*; synonym of *vilis*).
- Luze, 1906: 572 (*Phyllodrepa*; synonym of *vilis*).
- Bernhauer and Schubert, 1910: 49 (*Phyllodrepa*; synonym of *vilis*).
- Scheerpeltz, 1933: 1042 (*Phyllodrepa*; synonym of *vilis*).
- Legner and Moore, 1977: 175 (*Hapalaraea*; found under bark).

*obsoleta* Mulsant and Rey, 1880: 254 (*Phyllodrepa*; subgenus *Dropephylla*; variety of *vilis*;  
Type locality: Not cited).

- Ganglbauer, 1895: 742 (*Phyllodrepa*; synonym of *vilis*).
- Luze, 1906: 572 (*Phyllodrepa*; synonym of *vilis*).
- Bernhauer and Schubert, 1910: 49 (*Phyllodrepa*; synonym of *vilis*).

*pulchella* Luze, 1906: 572 (*Phyllodrepa*; [**Note: Nomen nudum**]; aberration of *vilis*;  
locality cited: Lenkoran).

- Bernhauer and Schubert, 1910: 49 (*Phyllodrepa*; variety of *vilis*).
- Scheerpeltz, 1933: 1042 (*Phyllodrepa*; variety of *vilis*).

### **Prosopaspis**

[4 species; Palaearctic Region]

*Prosopaspis* Smetana, 1987: 367 (species included: *gibbicollis*, *puncticeps*). **TYPE SPECIES:**  
*Prosopaspis gibbicollis* Smetana, fixed by original designation.

**gibbicollis** Smetana, 1987: 372 (*Prosopaspis*; Type locality: Nepal: Lalitpur Distr., Phulcoki,  
2600 m).

- Smetana, 1997c: 25 (*Prosopaspis*; characters).

▲ **DISTRIBUTION:** Nepal.

**pluvialis** Smetana, 1997c: 23 (*Prosopaspis*; Type locality: China: Sichuan, Gongga Shan,  
Hailuogou, above Camp 3, 3200 m, 29°35N, 102°00E).

▲ **DISTRIBUTION:** China.

**puncticeps** Smetana, 1987: 378 (*Prosopaspis*; Type locality: Nepal: Khandbari District: forest  
NE Kuwapani, 2500 m).

- Smetana, 1997c: 25 (*Prosopaspis*; characters).

▲ **DISTRIBUTION:** Nepal.

**rougemonti** Smetana, 1997c: 24 (*Prosopaspis*; Type locality: China: Yunnan, Ruili).

▲ **DISTRIBUTION:** China.

### **Pycnoglypta**

[9 species; Nearctic and Palaearctic Regions]

*Pycnoglypta* Thomson, 1858: 38 (species included: *lurida*). **TYPE SPECIES:** *Omalium luridum*  
Gyllenhal, fixed by monotypy.

- Thomson, 1859: 50 (characters; type species: *lurida*).
- Thomson, 1861: 198 (characters).
- Gemminger and Harold, 1868: 662 (catalog).
- Fauvel, 1871a: 80 [= 1872: 54] (characters).
- Redtenbacher, 1874: 271 (characters; cited as *Pycnoclypta*).
- Fauvel, 1875a: IV [= 1875b: 206] (catalog).
- Mulsant and Rey, 1880: 269 (characters).
- Heyden, 1880: 84 (list of species of Siberian region).
- Duvivier, 1883: 196 (catalog).
- Heyden, Reitter, and Weise, 1891: 121 (list of species of Europe and Caucasus).
- Heyden, 1893: 49 (list of species of Siberian region).
- Ganglbauer, 1895: 744 (characters).
- Luze, 1906: 583 (characters; key to species).
- Heyden, 1896: 37 (list of species of Siberian region).
- Heyden, Reitter, and Weise, 1906: 130 (list of species of Europe and Caucasus).
- Reitter, 1909: 194 (characters).
- Bernhauer and Schubert, 1910: 45 (world catalog; 5 species).
- Johansen, 1914: 620 (characters).
- Leng, 1920: 94 (catalog of North American species).
- Winkler, 1925: 328 (catalog for Palaearctic region).
- Scheerpeltz, 1933: 1038 (world catalog supplement).
- Palm, 1948: 63 (characters; species of Sweden).
- Blackwelder, 1952: 333 (type species: *lurida*).
- Hatch, 1957: 52, 79 (characters; species of Pacific Northwest).
- Horion, 1963: 54 (list of central European species).
- Székessy, 1963: 12 (characters).
- Lohse, 1964: 36 (characters; key to central European species).
- Tikhomirova, 1973a: 137 (checklist of species of USSR).
- Moore and Legner, 1975: 214 (catalog; North America north of Mexico).
- Burakowski, Mroczkowski, and Stefańska, 1979: 28 (catalog; Poland).
- Moore and Legner, 1979: 211 (characters; notes).
- Muona, 1979: 17 (list of Scandinavian species).
- Watanabe, 1980: 271 (characters; key to Japanese species).
- Campbell, 1983a: 361 (characters; key to species of North America).
- Zanetti, 1987: 158 (characters; habitus; key to species of Italy).
- Muona and Viramo, 1986: 15 (list of species of northeastern Finland).
- Watanabe, 1990: 70 (characters; key to species of Japan).
- M. Hansen, Kristensen, Mahler, Pedersen, 1991: 106 (list of Danish species).
- Campbell and Davies, 1991: 88 (checklist of species; Alaska and Canada).
- Silfverberg, 1992: 21 (list of species of Fennoscandia, Denmark, and the Baltic States).
- Boháč, 1993: 40 (list of species of Czech Republic and Slovakia).
- Gusarov, 1995: 230 (classification of species groups).
- M. Hansen, 1996: 93 (list of Danish species).
- Downie and Arnett, 1996: 437 (characters; key to species of Northeastern North America).
- Newton, Thayer, Ashe, and Chandler, 2000: 338 (3 Nearctic species; notes; characters in key).

*alpina* Zetterstedt, 1838, see: *lurida* Gyllenhal, 1813.

**aptera** Campbell, 1983a: 366 (*Pycnoglypta*; Type locality: Kouchibouguac N. P., New Brunswick. Also cited from Newfoundland, Ontario, Quebec, and New York).  
— Downie and Arnett, 1996: 437 (*Pycnoglypta*; characters; Canada; USA).

▲ **DISTRIBUTION:** Canada, USA.

*arctica* Luze, 1906, see: *heydeni* Eppelsheim, 1886.

**baicalica** Motschulsky, 1860: 544 (*Omalium*; Type locality: lac Baical en Sibérie orientale; [Note: See lectotype designation by Gusarov, 1991]).

- Hochhuth, 1862: 107 (*Omalium*; characters; Siberia).
- Fauvel, 1871a: 86 [= 1872: 60] (*Omalium*, cited as *Homalium*; synonym of *striatum*).
- Luze, 1906: 588 (*Pycnoglypta*; characters; eastern Siberia).

- Bernhauer and Schubert, 1910: 45 (*Pycnoglypta*; catalog).
- Tikhomirova, 1973a: 137 (*Pycnoglypta*; checklist; eastern Siberia).
- Gusarov, 1991: 3 (*Pycnoglypta*; synonymic notes; lectotype designation).
- Gusarov, 1995: 240 (*Pycnoglypta*; characters).

▲ **DISTRIBUTION:** Russia.

*baicalensis* Motschulsky, 1860: 549 (*Acidota*; Type locality: environs du lac Baical en Sibérie orientale; [**Note:** See lectotype designation by Gusarov, 1991]).

- Bernhauer and Schubert, 1910: 69 (*Acidota*; catalog).
- Scheerpeltz, 1947: 269 (*Acidota*; characters).
- Tikhomirova, 1973a: 140 (*Acidota*; checklist; Baikal).
- Gusarov, 1991: 3 (*Pycnoglypta*; transferred from *Acidota*; synonym of *baicalica*; lectotype designation).

*baicalensis* Motschulsky, 1860, see: *baicalica* Motschulsky, 1860.

**campbelli** Gusarov, 1995: 232 (*Pycnoglypta*; Type locality: Alaska: Kenai Pen., Moose Pass, 300 m. Also cited from Massachusetts, Alberta, Manitoba, New Brunswick, Nova Scotia, Ontario, Quebec, Saskatchewan, Yukon Territory).

- Campbell, 1983a: 364 (*Pycnoglypta*; [**Note:** According to Gusarov, 1995: 232 *lurida* was misidentified by Campbell, 1983: 364; the correct identity is *campbelli*; *lurida* does not occur in North America]; characters; in North America is trancontinental as far south as Massachusetts down Appalachians to North Carolina).

▲ **DISTRIBUTION:** Canada, USA.

**denticollis** Sharp, 1889: 475 (*Omalium*; [**preoccupied**]; Type locality: Miyanoshta; Nagasaki).

- Bernhauer and Schubert, 1910: 52 (*Omalium*; subgenus *Omalium*; catalog).
- Nakane, 1963a: 82 (*Omalium*; characters; habitus photograph; Japan).
- Watanabe, 1980: 272 (*Pycnoglypta*; characters; Japan).
- Watanabe, 1990: 73 (*Pycnoglypta*; characters; Japan).
- Herman, 2001: 39 (*Pycnoglypta*; although a junior primary homonym, prevailing use as valid maintained pending outcome of application to Commission under Article 23.9.5).

▲ **DISTRIBUTION:** Japan.

**heydeni** Eppelsheim, 1886: 45 (*Pycnoglypta*; Type locality: Chabarofka; [**Note:** See lectotype designation by Gusarov, 1995]).

- Luze, 1906: 588 (*Pycnoglypta*; characters; eastern Siberia).
- Bernhauer and Schubert, 1910: 45 (*Pycnoglypta*; catalog).
- Tikhomirova, 1973a: 137 (*Pycnoglypta*; checklist; Far East).
- Gusarov, 1995: 238 (*Pycnoglypta*; lectotype designation; characters; Russia; Alaska, Northwest Territories, Yukon Territory).
- Ryabukhin, 1999: 15 (*Pycnoglypta*; catalog; habitat; distribution; northeastern Russia).

▲ **DISTRIBUTION:** Russia, Canada, USA.

*arctica* Luze, 1906: 586 (*Pycnoglypta*; Type locality: Arktisches Sibirien; [**Note:** See lectotype designation by Gusarov, 1995]).

- Bernhauer and Schubert, 1910: 45 (*Pycnoglypta*; catalog).
- Tikhomirova, 1973a: 137 (*Pycnoglypta*; checklist; northern Siberia).
- Gusarov, 1995: 238 (*Pycnoglypta*; lectotype designation; synonym of *heydeni*).

**lurida** Gyllenhal, 1813: 701 (*Omalium*; Type locality: Smolandiae Paroecia Saeby; Finlandia).

- C. Sahlberg, 1830: 285 (*Omalium*; characters; Finland).
- Erichson, 1840: 889 (*Omalium*; characters; Finland).
- Thomson, 1857a: 226 (*Omalium*; characters).
- Redtenbacher, 1857: 253 (*Omalium*; characters; Germany).
- Redtenbacher, 1857: 992 (*Arpedium* ?; characters; Austria).
- Kraatz, 1857d: 960 (*Arpedium*; characters; Germany).
- Thomson, 1858: 38 (*Pycnoglypta*; type species).
- Thomson, 1859: 50 (type species of *Pycnoglypta*).
- Thomson, 1861: 199 (*Pycnoglypta*; characters; Scandinavia).

- Fauvel, 1871a: 80 [= 1872: 54] (*Pycnoglypta*; characters; Lapland; Scandinavia; Poland; Prussia).
- Redtenbacher, 1874: 271 (*Pycnoglypta*; characters; Austria).
- Seidlitz, 1875: 239 (*Pycnoglypta*; characters; Baltic region).
- J. Sahlberg, 1876: 214 (*Pycnoglypta*; Finland).
- Fauvel, 1878d: 204 [= 1878e: 40] (*Pycnoglypta*; characters; British Columbia; Lake Superior; Massachusetts; New Jersey).
- Mulsant and Rey, 1880: 271 (*Pycnoglypta*; characters; France).
- Seidlitz, 1891: 344 (*Pycnoglypta*; characters; Europe).
- Seidlitz, 1891a: 366 (*Pycnoglypta*; characters; Europe).
- Ganglbauer, 1895: 744 (*Pycnoglypta*; characters; Germany; northern Europe; North America).
- Luze, 1906: 585 (*Pycnoglypta*; characters; northern Europe; Germany; North America).
- Poppius, 1909: 3 (*Pycnoglypta*; Lena Valley, Siberia).
- Reitter, 1909: 194 (*Pycnoglypta*; characters; Germany).
- Bernhauer and Schubert, 1910: 45 (*Pycnoglypta*; catalog).
- Blatchley, 1910: 479 (*Pycnoglypta*; Ohio).
- Johansen, 1914: 620 (*Pycnoglypta*; characters; Denmark).
- Fall, 1926: 145 (*Pycnoglypta*; Alaska).
- Portevin, 1929: 450 (*Pycnoglypta*; characters; France).
- Scheerpeltz, 1933: 1039 (*Pycnoglypta*; catalog).
- Palm, 1948: 63 (*Pycnoglypta*; characters; Sweden; Denmark; Norway; Finland).
- Hatch, 1957: 79 (*Pycnoglypta*; characters; cited literature references for British Columbia and Oregon).
- Horion, 1963: 54 (*Pycnoglypta*; Norway; Sweden; Finland; Russia; Denmark; Germany).
- Lohse, 1964: 36 (*Pycnoglypta*; characters; central Europe).
- Ashworth, 1972: 214 (*Pycnoglypta*; late-glacial subfossil; Britain).
- Legner and Moore, 1977: 175 (*Pycnoglypta*; found under bark).
- Zanetti, 1987: 160 (*Pycnoglypta*; characters; may not occur in Italy).
- Lucht, 1987: 86 (*Pycnoglypta*; checklist; Poland; Denmark; Sweden).
- Boháč, 1993: 40 (*Pycnoglypta*; Czech Republic).
- Gusarov, 1995: 234 (*Pycnoglypta*; characters; species not in North America; Denmark, Finland, Germany/Poland, Poland, Russia, Sweden).
- Downie and Arnett, 1996: 437 (*Pycnoglypta*; characters; Canada; USA).
- Ryabukhin, 1999: 15 (*Pycnoglypta*; catalog; habitat; distribution; northeastern Russia).
- Neuhäuser-Happe, 2000: 157 (*Pycnoglypta*; discussion of distribution; aedeagus; Austria).
- ▲ **DISTRIBUTION:** Europe, Russia.

*alpina* Zetterstedt, 1838: 53 (*Omalium*; Type locality: Lapponia Umensis, Stoettingsfjellet).

- Erichson, 1840: 889 (*Omalium*; characters; Lapland).
- Thomson, 1857a: 227 (*Omalium*; synonym of *luridum* Gyllenhal).
- Thomson, 1861: 199 (*Pycnoglypta*; synonym of *lurida*).
- Mulsant and Rey, 1880: 272 (*Pycnoglypta*; synonym of *lurida*).
- Ganglbauer, 1895: 744 (*Pycnoglypta*; synonym of *lurida*).
- Luze, 1906: 585 (*Pycnoglypta*; synonym of *lurida*).
- Herman, 2001: 36 (*Pycnoglypta*; nomen oblitum).

*maritima* Gusarov, 1995: 236 (*Pycnoglypta*; Type locality: Russia: Primorsk Terr., Dalnegorsk Reg., Rudnaya Pristan', Smychka).

▲ **DISTRIBUTION:** Russia.

*nipponica* Watanabe, 1980: 274 (*Pycnoglypta*; Type locality: Japan: Honshu: Gunma Pref.: near Sugenuma, Oku-Nikko).

- Watanabe, 1990: 75 (*Pycnoglypta*; cited as *japonica*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

*sibirica* Mäklin, 1878: 24 [= 1878a: 300] (*Pycnoglypta*; Type locality: 60°55' nordl. lat.).

- J. Sahlberg, 1880: 109 (*Pycnoglypta*; characters; Siberia).
- Mäklin, 1881: 44 (*Pycnoglypta*; characters; lat. bor. 60°55').
- Luze, 1906: 587 (*Pycnoglypta*; characters; Arctic Siberia).
- Poppius, 1909: 4 (*Pycnoglypta*; Lena Valley, Siberia).



- Bernhauer and Schubert, 1910: 45 (*Pycnoglypta*; catalog).
- Tikhomirova, 1973a: 137 (*Pycnoglypta*; checklist; eastern Siberia).
- Smetana 1975c: 155 (*Pycnoglypta*; Mongolia).
- Gusarov, 1995: 230 (*Pycnoglypta*; characters; Russia).
- Ryabukhin, 1999: 15 (*Pycnoglypta*; catalog; habitat; distribution; northeastern Russia).
- ▲ **DISTRIBUTION:** Russia, Mongolia.

### Selonomus

[1 species; Antarctic Region]

- Selonomus* Steel, 1964: 341 (species included: *linearis*). **TYPE SPECIES:** *Selonomus linearis* Steel, fixed by original designation and monotypy.
- Steel, 1970a: 23 (larval characters; biological notes).
  - Newton, 1985: 199 (notes on austral distribution).
- linearis** Steel, 1964: 342 (*Selonomus*; also larval characters; Type locality: Campbell Island: Perseverance Harbor, Lookout Bay).
- Steel, 1970a: 23 (*Selonomus*; larval characters).
  - Klimaszewski, Newton, and Thayer, 1996: 146 (*Selonomus*; endemic to Campbell Island).
  - ▲ **DISTRIBUTION:** Campbell Island.

### Stenomaliium

[15 species; Australian and Oceanic Regions]

- Stenomaliium* Blackwelder, 1943: 53 (subgenus of *Omalium*; species included: *rufiventre*, *cottieri*, *parkeri*; [**Note:** Bernhauer did not designate a type species. The name was unavailable until 1943 when Blackwelder designated the type species (Article 13.3) so he is the author (Article 50.1) of the genus]). **TYPE SPECIES:** *Omalium rufiventre* Bernhauer, fixed by original designation.
- Bernhauer, 1939f: 194 (characters; [**Note:** Bernhauer published the first use and description of *Stenomaliium* but he did not designate a type species so the name was unavailable (Article 13.3)]).
  - Cameron, 1945d: 781 (subgenus of *Omalium*; characters).
  - Blackwelder, 1952: 358 (subgenus of *Omalium*; type species).
  - Steel, 1960: 2 (valid genus).
  - Steel, 1970a: 24 (larval characters).
  - Newton, 1985: 199 (notes on austral distribution).
  - Kuschel, 1990: 25 (list of some New Zealand species).
  - Klimaszewski, Newton, and Thayer, 1996: 146 (species of New Zealand may belong in another genus).
  - Thayer, 1996: 159 (nomenclatural discussion; author of genus is Blackwelder; notes).
- antipodum** Broun, 1893: 1036 (*Omalium*; Type locality: Boatman's, Reefton).
- Bernhauer and Schubert, 1910: 51 (*Omalium*; subgenus *Omalium*; catalog).
  - Cameron, 1945d: 782 (*Omalium*; subgenus *Stenomaliium*).
  - Thayer, 1996: 159 (*Stenomaliium*).
  - ▲ **DISTRIBUTION:** New Zealand.
- prolixum* Broun, 1893: 1039 (*Omalium*; Type locality: Taieri, Otago).
- Bernhauer and Schubert, 1910: 55 (*Omalium*; subgenus *Omalium*; catalog).
  - Cameron, 1945d: 782 (*Omalium*; synonym of *antipodum*).
- stenosoma* Broun, 1893: 1040 (*Omalium*; Type locality: Mount Cook).
- Bernhauer and Schubert, 1910: 56 (*Omalium*; subgenus *Omalium*; catalog).
  - Cameron, 1945d: 782 (*Omalium*; synonym of *antipodum*).
- fusciventre* Broun, 1894: 426 (*Omalium*; Type locality: West Plains, Invercargill).
- Bernhauer and Schubert, 1910: 53 (*Omalium*; subgenus *Omalium*; catalog).
  - Cameron, 1945d: 782 (*Omalium*; synonym of *antipodum*).
- apicale* Bernhauer, 1939f: 196 (*Phyllodrepa*; Type locality: Neu-Seeland: Greymouth; Picton).
- Cameron, 1945d: 782 (*Omalium*; synonym of *antipodum*).



*apicalis* Bernhauer, 1939, see: *antipodum* Broun, 1893.

**cottieri** Bernhauer, 1939f: 195 (*Omalium*; subgenus *Stenomalium*; Type locality: Neu-Seeland: North Island: Palmerston).

— Kuschel, 1990: 25 (*Stenomalium*; endemic; winged; habitat; New Zealand).

— Thayer, 1996: 159 (not in *Stenomalium* and will be transferred).

▲ **DISTRIBUTION:** New Zealand.

**debile** Broun, 1893: 1039 (*Omalium*; Type locality: Mount Egmont).

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

— Thayer, 1996: 159 (*Stenomalium*).

▲ **DISTRIBUTION:** New Zealand.

*fusciventre* Broun, 1894, see: *antipodum* Broun, 1893.

**helmsi** Cameron, 1945b: 179 (*Omalium*; Type locality: Wellington: Mount Hutt).

— Watson, 1967: 35 (*Stenomalium*; notes; habitat; Macquarie Island).

— Kuschel, 1990: 25 (*Stenomalium*; endemic; winged; habitat; New Zealand).

— P. Greenslade, 1990: 48 (*Stenomalium*; winged; on carrion; Macquarie Island).

— Thayer, 1996: 159 (not in *Stenomalium* and will be transferred).

▲ **DISTRIBUTION:** New Zealand, Macquarie Island.

**micrarthrum** Broun, 1893: 1037 (*Omalium*; Type locality: Stratford, near Mount Egmont).

— Bernhauer and Schubert, 1910: 55 (*Omalium*; subgenus *Omalium*; catalog).

— Thayer, 1996: 159 (*Stenomalium*).

▲ **DISTRIBUTION:** New Zealand.

**moniliferum** Broun, 1893: 1038 (*Omalium*; cited as monilifer; Type locality: Whangarata, near Tuakau).

— Bernhauer and Schubert, 1910: 55 (*Omalium*; subgenus *Omalium*; catalog).

— Kuschel, 1990: 25 (*Stenomalium*; cited as *moniliferum*; endemic; winged; habitat; New Zealand).

— Thayer, 1996: 159 (*Stenomalium*).

▲ **DISTRIBUTION:** New Zealand.

**nemobium** Broun, 1910: 18 (*Omalium*; Type locality: Waimarino).

— Scheerpeltz, 1933: 1046 (*Omalium*; catalog).

— Thayer, 1996: 159 (*Stenomalium*; probably is same as *micrarthrum*).

▲ **DISTRIBUTION:** New Zealand.

**parkeri** Bernhauer, 1939f: 195 (*Omalium*; subgenus *Stenomalium*; Type locality: Neu-Seeland: North Island).

— Thayer, 1996: 159 (*Stenomalium*).

▲ **DISTRIBUTION:** New Zealand.

**philpotti** Broun, 1894: 427 (*Omalium*; Type locality: West Plains, Invercargill).

— Bernhauer and Schubert, 1910: 55 (*Omalium*; subgenus *Omalium*; catalog).

— Kuschel, 1990: 25 (*Stenomalium*; endemic; winged; habitat; New Zealand).

— Thayer, 1996: 159 (*Stenomalium*).

▲ **DISTRIBUTION:** New Zealand.

*prolixum* Broun, 1893, see: *antipodum* Broun, 1893.

**rufiventre** Bernhauer, 1939f: 194 (*Omalium*; subgenus *Stenomalium*; Type locality: Neu-Seeland: Picton; Auckland).

— Thayer, 1996: 159 (*Stenomalium*; probably is same as *philpotti*).

▲ **DISTRIBUTION:** New Zealand.

**seriatum** Fauvel, 1903d: 258 (*Omalium*, cited as *Homalium*; Type locality: Boulari).

— Bernhauer and Schubert, 1910: 49 (*Phyllodrepa*; subgenus *Dropephylla*; catalog).

— Steel, 1960: 2 (*Stenomalium*; characters; New Caledonia).

▲ **DISTRIBUTION:** New Caledonia.

**sharpi** Bernhauer, 1939f: 197 (*Phyllodrepa*; Type locality: Neu-Seeland: Auckland).

— Thayer, 1996: 159 (*Stenomalium*; probably is same as *moniliferum*).

▲ **DISTRIBUTION:** New Zealand.

**spadix** Broun, 1880: 117 (*Omalium*; Type locality: Parua).

- Bernhauer and Schubert, 1910: 56 (*Omalium*; subgenus *Omalium*; catalog).
- Kuschel, 1990: 26 (*Stenomaliium*; endemic; winged; habitat; New Zealand).
- Thayer, 1996: 159 (not in *Stenomaliium* and will be transferred).

▲ **DISTRIBUTION:** New Zealand.

*stenosoma* Broun, 1893, see: *antipodum* Broun, 1893.

**sulcithorax** Broun, 1880: 116 (*Omalium*; Type locality: Whangarei Harbour).

- Bernhauer and Schubert, 1910: 57 (*Omalium*; subgenus *Omalium*; catalog).
- Watson, 1967: 35 (*Stenomaliium*; notes; habitat; Macquarie Island).
- Kuschel, 1990: 26 (*Stenomaliium*; endemic; winged; habitat; New Zealand).
- P. Greenslade, 1990: 48 (*Stenomaliium*; notes; winged; on carrion; Macquarie Island).
- Thayer, 1996: 159 (not in *Stenomaliium* and will be transferred).

▲ **DISTRIBUTION:** New Zealand, Macquarie Island.

**tenellum** Broun, 1893: 1410 (*Omalium*, cited as *Homaliium*; Type locality: Maketu, Hunua Range).

- Bernhauer and Schubert, 1910: 59 (*Phloeonomus*; subgenus *Phloeonomus*; catalog).
- Thayer, 1996: 159 (*Stenomaliium*).

▲ **DISTRIBUTION:** New Zealand.

### Tetradelus

[1 species; Palaearctic Region]

*Tetradelus* Fauvel, 1904b: 90 (species included: *trigonuroides*). **TYPE SPECIES:** *Tetradelus trigonuroides* Fauvel, fixed by monotypy.

- Bernhauer and Schubert, 1910: 82 (world catalog; 1 species).
- Cameron, 1925: 12 (catalog of Indian species).
- Cameron, 1930: 167 (characters).
- Scheerpeltz, 1933: 1070 (world catalog supplement).
- Blackwelder, 1952: 382 (type species: *trigonuroides*).
- Steel, 1966a: 78 (characters).

**trigonuroides** Fauvel, 1904b: 91 (*Tetradelus*; Type locality: Sikkim: Darjeeling).

- Bernhauer and Schubert, 1910: 81 (*Tetradelus*; catalog).
- Cameron, 1930: 167 (*Tetradelus*; characters; Sikkim).
- Scheerpeltz, 1933: 1070 (*Tetradelus*; catalog).
- Steel, 1966: 80 (*Tetradelus*; characters; Sikkim).

▲ **DISTRIBUTION:** India.

### Ulommia

[1 species; Oriental Region]

*Ulommia* Steel, 1960a: 169 (species included: *antennata*). **TYPE SPECIES:** *Ulommia antennata* Steel, fixed by original designation and monotypy.

**antennata** Steel, 1960a: 169 (*Ulommia*; Type locality: Sumatra: Deli region).

▲ **DISTRIBUTION:** Indonesia.

### Xanthonomus

[2 species; Oriental Region]

*Xanthonomus* Bernhauer, 1926f: 312 (subgenus of *Phloeonomus*; species included: *toxopeanus*). **TYPE SPECIES:** *Phloeonomus (Xanthonomus) toxopeanus* Bernhauer, fixed by monotypy.

- Scheerpeltz, 1933: 1051 (synonym of *Phloeonomus*).
- Blackwelder, 1943: 51 (subgenus of *Phloeonomus*; type species: *toxopeanus*).
- Blackwelder, 1952: 405 (type species: *toxopeanus*).
- Steel, 1955a: 275 (valid genus; characters; type species: *toxopeanus*).

**latus** Steel, 1955a: 278 (*Xanthonomus*; Type locality: Pahang F.M.S., Gunong Tahan Padang, 5500 feet).

▲ **DISTRIBUTION:** Malaysia.

**toxopeanus** Bernhauer, 1926f: 312 (*Phloeonomus*; subgenus *Xanthonomus*; Type locality: Buru, 800–1300 m).

— Scheerpeltz, 1933: 1051 (*Phloeonomus*; subgenus *Xanthonomus*; catalog).

— Steel, 1955a: 276 (*Xanthonomus*; characters; Buru).

▲ **DISTRIBUTION:** Indonesia.

### **Xenanthobium**

[1 species; Neotropical Region]

*Xenanthobium* Coiffait and Saiz, 1968: 452 (species included: *andicola*). **TYPE SPECIES:** *Anthobium andicola* Fauvel, fixed by original designation and monotypy.

**andicola** Fauvel, 1867a: 46 [= 1868: 51] (*Anthobium*; Type locality: Chillan).

— Bernhauer and Schubert, 1910: 38 (*Anthobium*; catalog).

— Coiffait and Saiz, 1968: 453 (*Xenanthobium*; characters; Chile).

▲ **DISTRIBUTION:** Chile.

### **Xylodromus**

[13 species; Neotropical, Nearctic, Palaearctic, and Australian Regions]

*Xylodromus* Heer, 1839: 174 (species included: *deplanatus*, *depressus*, *planus*). **TYPE SPECIES:** *Omalium depressum* Gravenhorst, fixed by subsequent designation by R. Lucas, 1920: 676.

— Lacordaire, 1854: 143 (synonym of *Omalium*).

— Jacquelin du Val, 1857: 76 (synonym of *Omalium*).

— Kraatz, 1857d: 974 (synonym of *Omalium*).

— Thomson, 1859: 51 (characters; type species: *monilicornis*).

— Thomson, 1861: 209 (characters).

— Fauvel, 1875a: IV [= 1875b: 206] (catalog; group of *Omalium*, cited as *Homalium*).

— Mulsant and Rey, 1880: 158 (characters; key to French species).

— Heyden, 1880: 83 (subgenus of *Omalium*, cited as *Homalium*; list of species of Siberian region).

— Fowler, 1888: 417 (notes; group of *Omalium*).

— Heyden, Reitter, and Weise, 1891: 119 (list of species of Europe and Caucasus).

— Ganglbauer, 1895: 729 (characters; key to middle European species).

— Luze, 1906: 493 (characters; key to species).

— Heyden, Reitter, and Weise, 1906: 132 (list of species of Europe and Caucasus).

— Sainte-Claire Deville, 1907: 38 (key to and annotated list of species of Seine Basin, France).

— Reitter, 1909: 189 (characters; key to German species).

— Bernhauer and Schubert, 1910: 60 (world catalog; 7 species).

— Petri, 1912: 53 (list of species of Siebenbürgen).

— Johansen, 1914: 603 (characters; key to Danish species).

— Winkler, 1925: 331 (catalog for Palaearctic region).

— Porta, 1926: 23 (characters; key to species of Italy).

— Portevin, 1929: 443 (characters; key to French species).

— Roubal, 1930: 311 (catalog; Slovakia).

— Joy, 1932: 103 (key to British species).

— Scheerpeltz, 1933: 1051 (world catalog supplement).

— Scheerpeltz, 1937b: 187 (list of Bulgarian species).

— Tottenham, 1939d: 227 (type species designation).

— Kloet and Hincks, 1945: 161 (list of British species; type species: *depressus*).

— Blackwelder, 1952: 407 (type species).

— Palm, 1948: 87 (characters; key to species of Sweden).

— Tottenham, 1949: 356, 407 (type species: *depressus* Gravenhorst = *deplanatus* Gyllenhal; list of British species; notes).

— Blackwelder, 1952: 407 (type species).

— Tottenham, 1954: 27 (characters; key to British species).

— Hatch, 1957: 50, 63 (characters; key to species of Pacific Northwest).

— Smetana, 1959a: 196 (list of species collected in Albania).

- Horion, 1963: 93 (list of central European species).
  - Székessy, 1963: 17 (characters).
  - Lohse, 1964: 47 (characters; key to central European species).
  - Moore, 1966: 48, 53 (characters; notes).
  - Kasule, 1968: 133, 136 (larval characters; notes).
  - Scheerpeltz, 1968a: 12 (catalog of Austrian species).
  - Steel, 1970a: 16 (larval characters; biological notes).
  - Tikhomirova, 1973a: 139 (checklist of species of USSR).
  - Moore and Legner, 1975: 221 (catalog; North America north of Mexico).
  - Shibata, 1976: 107 (checklist of species of Japan).
  - Pope, 1977: 23 (list of British species).
  - Topp, 1978: 309 (larval characters).
  - Burakowski, Mroczkowska, and Stefańska, 1979: 49 (catalog; Poland).
  - Moore and Legner, 1979: 201 (characters; notes).
  - Uhlig, Vogel, and Sieber, 1980: 240 (some species collected in Germany).
  - Uhlig and Vogler, 1981: 86 (list of some species collected in Germany; habitat and collecting notes).
  - Tóth, 1982: 70 (characters; habitus; key to species of Hungary).
  - Segers, 1986: 21 (checklist of species; Belgium).
  - Zanetti, 1987: 259 (characters; habitus; key to species of Italy).
  - Muona and Viramo, 1986: 15 (list of species of northeastern Finland).
  - Watanabe, 1990: 255 (characters; species of Japan).
  - M. Hansen, Kristensen, Mahler, Pedersen, 1991: 106 (list of Danish species).
  - Campbell and Davies, 1991: 91 (checklist of species; Alaska and Canada).
  - Silfverberg, 1992: 22 (list of species of Fennoscandia, Denmark, and the Baltic States).
  - 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: 7 (list of species of Italy).
  - M. Hansen, 1996: 94 (list of Danish species).
  - M. Hansen, Mahler, Palm, and Pedersen, 1996: 240 (additions to list of Danish species).
  - Downie and Arnett, 1996: 433 (characters; key to species of Northeastern North America).
  - M. Hansen, Palm, Pedersen, and Runge, 1998: 69 (list of species collected in 1997; Denmark).
  - Newton, Thayer, Ashe, and Chandler, 2000: 338 (2 Nearctic species; notes; characters in key).
- Etheothassa* Thomson, 1858: 38 (species included: *deplanata*). **TYPE SPECIES:** *Omalium deplanatum* Gyllenhal, fixed by monotypy.
- Thomson, 1859: 51 (characters; type species: *deplanata*).
  - Thomson, 1861: 206 (characters).
  - Fauvel, 1875a: IV [= 1875b: 206] (catalog; group of *Omalium*, cited as *Homalium*).
  - Heyden, 1880: 83 (subgenus of *Omalium*, cited as *Homalium*; list of species of Siberian region).
  - Fowler, 1888: 421 (notes; group of *Omalium*; key to British species).
  - Seidlitz, 1891: 340 (key to some European species).
  - Seidlitz, 1891a: 363 (key to some European species).
  - Luze, 1906: 493 (synonym of *Xylodromus*).
  - Bernhauer and Schubert, 1910: 60 (synonym of *Xylodromus*).
  - Tottenham, 1949: 356 (synonym of *Xylodromus*; type species: *depressa* Gravenhorst = *deplanata* Gyllenhal).
  - Blackwelder, 1952: 152 (type species: *deplanata*).
  - Pope, 1977: 23 (synonym of *Xylodromus*).
  - Zanetti, 1987: 259 (synonym of *Xylodromus*).
  - Watanabe, 1990: 255 (synonym of *Xylodromus*).
- Drephopylla* Fiori, 1900a: 90, 93 (subgenus of *Phyllodrepa*; species included: *depressus*, *testaceus*, *heterocerus*). **TYPE SPECIES:** *Omalium depressum* Gravenhorst, fixed by subsequent designation by Tottenham, 1939d: 227.
- Luze, 1906: 493 (synonym of *Xylodromus*).

- Bernhauer and Schubert, 1910: 60 (synonym of *Xylodromus*).
- Tottenham, 1939d: 227 (cited as *Drephophylla*; type species designation; synonym of *Xylodromus*).
- Tottenham, 1949: 356 (cited as *Drephophylla*; synonym of *Xylodromus*; type species: *depressa* Gravenhorst).
- Blackwelder, 1952: 135 (type species).
- Zanetti, 1987: 259 (synonym of *Xylodromus*).
- Watanabe, 1990: 255 (synonym of *Xylodromus*).

*Omalissus* Broun, 1893: 1042 (species included: *castaneus*). **TYPE SPECIES:** *Omalissus castaneus* Broun, fixed by monotypy.

- Bernhauer and Schubert, 1910: 50 (world catalog; 1 species).
- Scheerpeltz, 1933: 1043 (world catalog supplement).
- Cameron, 1945d: 782 (synonym of *Xylodromus* by synonymy of *castaneus* with *concinus*).
- Blackwelder, 1952: 273 (type species: *castaneus*).
- Thayer, 1996: 159 (synonym of *Xylodromus*).

**affinis** Gerhardt, 1877: 32 (*Omalium*; Type locality: Liegnitz).

- Ganglbauer, 1895: 740 (*Phyllocrepa*; synonym of *floralis*).
- Luze, 1906: 499 (*Xylodromus*; characters; Germany; Austria; France; Hungary; Prussia; Caucasus).
- Reitter, 1909: 189 (*Xylodromus*; characters; Germany).
- Bernhauer and Schubert, 1910: 60 (*Xylodromus*; catalog).
- Fiori, 1915: 5 (*Xylodromus*; Italy).
- Scheerpeltz, 1933: 1051 (*Xylodromus*; catalog).
- Horion, 1933: 148 (*Xylodromus*; in mole nest; Germany).
- Palm, 1948: 90 (*Xylodromus*; characters; Denmark).
- Horion, 1963: 94 (*Xylodromus*; Caucasus; Denmark; Holland; Belgium; France; Italy; Sicily; Romania; Hungary; Czechoslovakia; Poland; Germany; Austria).
- Lohse, 1964: 47 (*Xylodromus*; characters; central Europe).
- Smetana, 1964d: 53 (*Xylodromus*; Czechoslovakia).
- Osella and Zanetti, 1975: 86 (*Xylodromus*; collected from nest of *Talpa europaea*; notes; Italy).
- Tóth, 1982: 71 (*Xylodromus*; characters; Hungary).
- H. Franz, 1984: 59 (*Xylodromus*; Macedonia).
- Zanetti, 1987: 263 (*Xylodromus*; characters; Italy).
- Lucht, 1987: 88 (*Xylodromus*; checklist; Germany; Poland; Czechoslovakia; Austria; France; Benelux; Denmark; Sweden).
- Boháč, 1993: 41 (*Xylodromus*; Slovakia; Czech Republic).
- Zanetti, 1995: 7 (*Xylodromus*; Italy).
- Tronquet, 1998a: 114 (*Xylodromus*; collected from marmot burrow; France).
- Assing, 2001: 75 (*Xylodromus*; collected from xerothermous site; Germany).

▲ **DISTRIBUTION:** Germany, France, Italy, Austria, Czechoslovakia, Hungary, Macedonia, Caucasus, Tunisia.

*cephalotes* Eppelsheim, 1884: 170 (*Omalium*, cited as *Homalium*; Type locality: Wimpfen; Heilbronn).

- Ganglbauer, 1895: 730 (*Xylodromus*; characters; France; Germany; Austria).
- Luze, 1906: 485, 490, 499 (*Xylodromus*; synonym of *affine*).
- Bernhauer and Schubert, 1910: 60 (*Xylodromus*; synonym of *affinis*).
- Scheerpeltz, 1933: 1051 (*Xylodromus*; synonym of *affinis*).
- Zanetti, 1987: 263 (*Xylodromus*; synonym of *affinis*).

*cuniculorum* Normand, 1935: 357 (*Xylodromus*; aberration of *affinis*; [**Note: Nomen nudum** (Articles 1.3.4, 45.5)]; locality cited: Tunisie: Le Kef).

*ater* Gerhardt, 1901, see: *concinus* Marsham, 1802.

*aterrimus* Tottenham, 1954, see: *depressus* Gravenhorst, 1802.

*bipunctatus* Motschulsky, 1860, see: *Phloeostiba*.

*brunnipes* Stephens, 1834, see: *concinus* Marsham, 1802.

**capito** Casey, 1894: 423 (*Omalium*; Type locality: Wisconsin).

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

— Moore, 1966: 53 (*Xylodromus*).

— Downie and Arnett, 1996: 433 (*Xylodromus*; characters; USA).

▲ **DISTRIBUTION:** USA.

*castaneus* Broun, 1893, see: *concinus* Marsham, 1802.

*cephalotes* Eppelsheim, 1884, see: *affinis* Gerhardt, 1877.

**concinus** Marsham, 1802: 510 (*Staphylinus*; [**preoccupied**]; Type locality: Britain).

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

— Stephens, 1834: 347 (*Omalium*; characters; England).

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

— Erichson, 1840: 886 (*Omalium*; characters; Germany).

— Heer, 1841: 567 (*Xylodromus*; characters; Switzerland).

— Redtenbacher, 1849: 752 (*Omalium*; characters; Austria).

— Hardy, 1851: 61 (*Xylodromus*; notes; England).

— Thomson, 1857a: 227 (*Omalium*; characters).

— Fairmaire and Laboulbène, 1856: 642 (*Omalium*; characters; France).

— Redtenbacher, 1857: 252 (*Omalium*; characters; Austria).

— Kraatz, 1857d: 991 (*Omalium*; characters; Germany).

— Thomson, 1861: 206 (*Etheothassa*; characters; Scandinavia).

— Wollaston, 1871: 313 (*Omalium*, cited as *Homalium*; characters; notes; Madeira).

— Fauvel, 1871a: 94 [= 1872: 68] (*Omalium*, cited as *Homalium*; characters; France; Scandinavia; Britain; Germany; Switzerland; Italy; Russia; Madeira).

— Redtenbacher, 1874: 275 (*Omalium*; characters; Austria).

— Seidlitz, 1875: 235 (*Omalium*; characters; Baltic region).

— J. Sahlberg, 1876: 219 (*Etheothassa*; Finland).

— Mulsant and Rey, 1880: 167 (*Xylodromus*; characters; France).

— Fowler, 1888: 422 (*Omalium*, cited as *Homalium*; subgenus *Etheothassa*; characters; Britain).

— Ganglbauer, 1895: 730 (*Xylodromus*; characters; Europe).

— Fauvel, 1902b: 53 (*Omalium*, cited as *Homalium*; Madeira).

— Luze, 1906: 500 (*Xylodromus*; characters; Europe; Caucasus).

— Sainte-Claire Deville, 1906: 70 (*Omalium*, cited as *Homalium*; Corsica).

— Reitter, 1909: 189 (*Xylodromus*; characters; Germany).

— Bernhauer and Schubert, 1910: 60 (*Xylodromus*; catalog).

— Johansen, 1914: 605 (*Xylodromus*; characters; Denmark).

— Henriksen and Lundbeck, 1918: 499 (*Xylodromus*; Greenland).

— Munster, 1925: 5 (*Xylodromus*; Novaya Zemlya).

— Portevin, 1929: 443 (*Xylodromus*; characters; France).

— Scheerpeltz, 1933: 1051 (*Xylodromus*; catalog).

— West, 1937: 45 (*Xylodromus*; Faroe Islands).

— Henriksen, 1939: 44 (*Xylodromus*; Greenland).

— Hinton, 1945: 50 (*Xylodromus*; characters).

— Palm, 1948: 89 (*Xylodromus*; characters; Sweden; Denmark; Norway; Finland).

— Tottenham, 1954: 27 (*Xylodromus*; characters; Britain).

— Hatch, 1957: 64 (*Xylodromus*; characters; Washington).

— Larsson and Gígja, 1959: 64 (*Xylodromus*; collecting notes; Iceland).

— Horion, 1963: 94 (*Xylodromus*; Caucasus; Novaya Zemlya; Greenland; Madeira; Norway; Lapland; Spain; Sardinia; Sardinia; Italy; Greece; Germany; Austria).

— Lohse, 1964: 48 (*Xylodromus*; characters; central Europe).

— Szujewski, 1968a: 712 (*Xylodromus*; Poland).

— Scheerpeltz, 1968a: 12 (*Xylodromus*; catalog; Austria).

— Steel, 1970a: 16 (*Xylodromus*; biological notes).

— Tikhomirova, 1973a: 139 (*Xylodromus*; checklist; USSR).

— Pope, 1977: 23 (*Xylodromus*; Britain).

— Topp, 1978: 317 (*Xylodromus*; illustration).

— Muona, 1979: 18 (*Xylodromus*; Russia; Finland; Sweden; Norway; Denmark; Britain).

- Moore and Legner, 1979: 221 (*Xylodromus*; USA; Europe).
- Burakowski, Mroczkowski, and Stefańska, 1979: 49 (*Xylodromus*; catalog; Poland).
- Hammond, 1980: 139 (*Xylodromus*; Ireland).
- Uhlig and Vogler, 1981: 86 (*Xylodromus*; habitat and collecting notes; Germany).
- Tóth, 1982: 73 (*Xylodromus*; characters; Hungary).
- Frank, 1982: 9 (*Xylodromus*; list of parasites).
- Muona and Viramo, 1986: 15 (*Xylodromus*; Finland).
- Zanetti, 1987: 265 (*Xylodromus*; characters; Italy).
- Ádám, 1987: 137 (*Xylodromus*; collecting notes; Hungary).
- Lucht, 1987: 88 (*Xylodromus*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
- Nowosad, 1990: 51 (*Xylodromus*; collected from mole nest; notes; Poland).
- Silfverberg, 1992: 22 (*Xylodromus*; synonym of *brunneipennis*).
- Boháč, 1993: 41 (*Xylodromus*; Czech Republic; Slovakia).
- Zanetti, 1995: 7 (*Xylodromus*; Italy).
- M. Hansen, 1996: 94 (*Xylodromus*; synonym of *brunneipennis*).
- Downie and Arnett, 1996: 433 (*Xylodromus*; cited as valid species; characters; USA).
- Klimaszewski, Newton, and Thayer, 1996: 146 (*Xylodromus*; adventive species in New Zealand).
- Owen, 1997a: 148 (*Xylodromus*; cited as valid species; collecting sites; Ireland).
- Assing, Frisch, Kahlen, et al., 1998: 124 (*Xylodromus*; synonym of *brunnipennis*).
- Herman, 2001: 39 (*Xylodromus*; although a junior primary homonym, prevailing use as valid maintained pending outcome of application to Commission under Article 23.9.5).
- ▲ **DISTRIBUTION:** Greenland, Iceland, Faroe Islands, Europe, Madeira, Russia, USA, New Zealand.

*brunnipennis* Stephens, 1834: 348 (*Omalium*; Type locality: vicinity of the metropolis [London]; Suffolk; Norfolk).

- Stephens, 1839: 428 (*Omalium*; characters; England).
- G. Waterhouse, 1858: 31 (*Omalium*; synonym of *concinnum*).
- Bernhauer and Schubert, 1910: 60 (*Xylodromus*; synonym of *concinus*).
- M. Hansen, 1996: 94 (*Xylodromus*; valid name for species).
- Assing, Frisch, Kahlen, et al., 1998: 124 (*Xylodromus*; valid name for species).
- Herman, 2001: 39 (*Xylodromus*; may not be conspecific with *concinus*).

*brunnipes* Stephens, 1834: 347 (*Omalium*; Type locality: Dover; Oakhampton, Somersetshire).

- Stephens, 1839: 427 (*Omalium*; characters; England).
- G. Waterhouse, 1858: 31 (*Omalium*; synonym of *concinnum*).
- Bernhauer and Schubert, 1910: 60 (*Xylodromus*; synonym of *concinus*).

*picinus* Stephens, 1834: 348 (*Omalium*; Type locality: London; Devonshire).

- Stephens, 1839: 428 (*Omalium*; characters; England).
- G. Waterhouse, 1858: 31 (*Omalium*; synonym of *concinnum*).

*fuliginosus* Heer, 1839: 175 (*Xylodromus*; variety of *deplanatus*; Type locality: Basel).

- Fauvel, 1871a: 94 [= 1872: 68] (*Omalium*, cited as *Homalium*; variety of *concinnum*).
- Ganglbauer, 1895: 730 (*Xylodromus*; synonym of *concinus*).
- Luze, 1906: 490 (*Xylodromus*; synonym of *concinus*).
- Luze, 1906: 500 (*Phyllodrepa*; variety of *concinus*).
- Bernhauer and Schubert, 1910: 60 (*Xylodromus*; synonym of *concinus*).

*castaneus* Broun, 1893: 1042 (*Omalissus*; Type locality: Port Chalmers).

- Bernhauer and Schubert, 1910: 50 (*Omalissus*; catalog).
- Cameron, 1945d: 782 (*Xylodromus*; synonym of *concinus*).

*lacustris* Casey, 1894: 422 (*Omalium*; Type locality: Michigan).

- Bernhauer and Schubert, 1910: 54 (*Omalium*; subgenus *Omalium*; catalog).
- Moore, 1966: 53 (*Xylodromus*; synonym of *concinus*).

*ater* Gerhardt, 1901: 158 (*Omalium*; variety of *concinus*; [preoccupied]; Type locality: Buchwald i. Rsg.).

- Bernhauer and Schubert, 1910: 60 (*Xylodromus*; synonym of *concinus*).



*scutosus* Broun, 1915: 281 (*Omalissus*; Type locality: Pudding Hill, near Methven).

— Scheerpeltz, 1933: 1043 (*Omalissus*; catalog).

— Thayer, 1996: 159 (*Xylodromus*; synonym of *concinnus*).

*crassicornis* J. Sahlberg, 1876, see: *Phyllodrepa*.

*cuniculorum* Normand, 1935 [**Note: Nomen nudum**], see: *affinis* Gerhardt, 1877.

**daimio** Sharp, 1889: 475 (*Omalium*; Type locality: Yuyama).

— Bernhauer and Schubert, 1910: 60 (*Xylodromus*; catalog).

— Watanabe, 1990: 258 (*Xylodromus*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

*deplanatus* Gyllenhal, 1810, see: *depressus* Gravenhorst, 1802.

**depressus** Gravenhorst, 1802: 113 (*Omalium*; Type locality: Not cited, but presumably Brunsvigae).

— Latreille, 1804: 371 (*Omalium*; characters; Germany).

— Gravenhorst, 1806: 205 (*Omalium*; characters; Germany).

— Gyllenhal, 1810: 222 (*Omalium*; synonym of *deplanatus* Gyllenhal).

— Olivier, 1811: 475 (*Omalium*; characters; Europe).

— Samouelle, 1819: 175 (type species of *Omalium*).

— Lacordaire, 1835: 474 (*Anthobium*; characters; France).

— Heer, 1839: 175 (*Xylodromus*; synonym of *deplanatus*).

— Erichson, 1840: 885 (*Omalium*; synonym of *deplanatum*).

— Seidlitz, 1875: 235 (*Omalium*; characters; Baltic region).

— Mulsant and Rey, 1880: 164 (*Xylodromus*; synonym of *deplanatus*).

— Ganglbauer, 1895: 730 (*Xylodromus*; characters; Europe).

— Luze, 1906: 498 (*Xylodromus*; characters; Europe).

— Reitter, 1909: 189 (*Xylodromus*; characters; Germany).

— Bernhauer and Schubert, 1910: 60 (*Xylodromus*; catalog).

— Johansen, 1914: 604 (*Xylodromus*; characters; Denmark).

— Fiori, 1915: 5 (*Xylodromus*; Italy).

— Portevin, 1929: 443 (*Xylodromus*; characters; France).

— Scheerpeltz, 1933: 1051 (*Xylodromus*; catalog).

— West, 1937: 45 (*Xylodromus*; Faroe Islands).

— Tottenham, 1939d: 227 (type species of *Xylodromus* and *Drephophylla*, cited as *Drephophylla*).

— Hinton, 1945: 50 (*Xylodromus*; characters).

— Palm, 1948: 88 (*Xylodromus*; characters; Sweden; Denmark; Norway; Finland).

— Hatch, 1957: 64 (*Xylodromus*; characters; British Columbia; Oregon).

— Larsson and Gígia, 1959: 66 (*Xylodromus*; biological notes; Iceland).

— Horion, 1963: 93 (*Xylodromus*; Britain; Norway; Sweden; Finland; Russia; Denmark; France; Iberian Peninsula; Italy; Sicily; Albania; Macedonia; Greece; Germany; Austria).

— Lohse, 1964: 48 (*Xylodromus*; characters; central Europe).

— Steel, 1970a: 16 (*Xylodromus*; biological notes).

— Pope, 1977: 23 (*Xylodromus*; Britain).

— Hammond, 1980: 139 (*Xylodromus*; Ireland).

— Tóth, 1982: 73 (*Xylodromus*; characters; Hungary).

— Zanetti, 1987: 260 (*Xylodromus*; characters; Italy).

— Lucht, 1987: 88 (*Xylodromus*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).

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

— Sadler and Dugmore, 1995: 144 (*Xylodromus*; habitat notes; Iceland).

— Zanetti, 1995: 7 (*Xylodromus*; Italy).

▲ **DISTRIBUTION:** Iceland, Faroe Islands, Europe, Egypt, Russia, Canada, USA, Venezuela.

*deplanatus* Gyllenhal, 1810: 222 (*Omalium*; Type locality: Sweden).

— Gyllenhal, 1827: 466 (*Omalium*).

— C. Sahlberg, 1830: 284 (*Omalium*; characters; Finland).

— Mannerheim, 1830: 54 (*Anthobium*; Finland; Russia).

- Mannerheim, 1831: 468 (*Anthobium*; Finland; Russia).
- Stephens, 1834: 346 (*Omalium*; [**Note:** Stephens attributed this name to Gravenhorst, 1802: 113 who did not cite the species at all]; characters; England).
- Erichson, 1839a: 635 (*Omalium*; characters; Germany).
- Heer, 1839: 175 (*Xylodromus*; characters; Switzerland).
- Stephens, 1839: 427 (*Omalium*; characters; England).
- Erichson, 1840: 885 (*Omalium*; characters; Europe).
- Redtenbacher, 1849: 753 (*Omalium*; characters; Austria).
- Scriba, 1855: 302 (*Omalium*; Venezuela).
- Thomson, 1857a: 227 (*Omalium*; characters).
- Fairmaire and Laboulbène, 1856: 644 (*Omalium*; characters; France).
- Redtenbacher, 1857: 253 (*Omalium*; characters; Austria).
- Kraatz, 1857d: 991 (*Omalium*; characters; Germany).
- Kraatz, 1858b: 128 (*Omalium*; Greece).
- Thomson, 1858: 38 (*Etheothassa*; type species).
- Thomson, 1859: 51 (type species of *Etheothassa*).
- Thomson, 1861: 206 (*Etheothassa*; characters; Scandinavia).
- Hochhuth, 1862: 108 (*Omalium*; Russia).
- Fauvel, 1871a: 94 [= 1872: 68] (*Omalium*, cited as *Homalium*; characters; France).
- Fauvel, 1874: 322 [= 1874b: 28] (*Omalium*, cited as *Homalium*; Siberia).
- Redtenbacher, 1874: 276 (*Omalium*; characters; Austria).
- J. Sahlberg, 1876: 218 (*Etheothassa*; Finland).
- Mulsant and Rey, 1880: 163 (*Xylodromus*; characters; France).
- Fowler, 1888: 422 (*Omalium*, cited as *Homalium*; subgenus *Etheothassa*; characters; Britain).
- Ganglbauer, 1895: 730 (*Xylodromus*; synonym of *depressus*).
- Fauvel, 1902b: 52 (*Omalium*, cited as *Homalium*; Egypt).
- Luze, 1906: 498 (*Xylodromus*; synonym of *depressus*).
- Bernhauer and Schubert, 1910: 60 (*Xylodromus*; synonym of *depressus*).
- Scheerpeltz, 1933: 1051 (*Xylodromus*; synonym of *depressus*).
- Pope, 1977: 23 (*Xylodromus*; synonym of *depressus*).
- Zanetti, 1987: 260 (*Xylodromus*; synonym of *depressus*).

*oblongus* Lacordaire, 1835: 473 (*Anthobium*; Type locality: Paris).

- Erichson, 1840: 885 (*Omalium*; synonym of *deplanatum*).
- Kraatz, 1857d: 991 (*Omalium*; synonym of *deplanatum*).
- Fauvel, 1869: 494 (*Omalium*, cited as *Homalium*; synonym of *deplanatum*).
- Mulsant and Rey, 1880: 164 (*Xylodromus*; synonym of *deplanatus*).
- Ganglbauer, 1895: 730 (*Xylodromus*; synonym of *depressus*).
- Luze, 1906: 498 (*Xylodromus*; synonym of *depressus*).
- Bernhauer and Schubert, 1910: 60 (*Xylodromus*; synonym of *depressus*).

*aterrimus* Tottenham, 1954: 27 (*Xylodromus*; variety of *depressus*; Type locality: Not cited, presumably Britain).

**fleischeri** Lokay, 1918: 9 (*Xylodromus*; Type locality: Urwald am Buczecz in den Transsylv. Alpen).

- Scheerpeltz, 1933: 1052 (*Xylodromus*; catalog).
- Tóth, 1982: 71 (*Xylodromus*; characters).

▲ **DISTRIBUTION:** Romania.

*fuliginosus* Heer, 1839, see: *concinus* Marsham, 1802.

*heterocerus* Fiori, 1900, see: *testaceus* Erichson, 1840.

*lacustre* Casey, 1894, see: *concinus* Marsham, 1802.

**noricus** Gistel, 1857: 68 (*Xylodromus*; [**Note:** *Nomen dubium*]; Type locality: Alpes noricae).

▲ **DISTRIBUTION:** Alps.

*oblongus* Lacordaire, 1835, see: *depressus* Gravenhorst, 1802.

*obscurellus* Kirshenblat, 1936, see: *sassuchini* Kirshenblat, 1936.

**opaculus** Luze, 1906: 497 (*Xylodromus*; Type locality: Sibirien).

— Bernhauer and Schubert, 1910: 60 (*Xylodromus*; catalog).

— Tikhomirova, 1973a: 139 (*Xylodromus*; checklist; northern Siberia).

▲ **DISTRIBUTION:** Russia.

**opacus** Bernhauer, 1903c: 592 (*Xylodromus*; Type locality: Altaigebirge).

— Luze, 1906: 496 (*Xylodromus*; characters; Altai region).

— Bernhauer and Schubert, 1910: 60 (*Xylodromus*; catalog).

— Tikhomirova, 1973a: 139 (*Xylodromus*; checklist; Altai).

▲ **DISTRIBUTION:** Altai region.

*picinum* Stephens, 1834, see: *concinus* Marsham, 1802.

*pygmaeus* Gravenhorst, 1806, see: *testaceus* Erichson, 1840.

**sassuchini** Kirshenblat, 1936a: 252, 253 (*Xylodromus*; Type locality: Chapov, Ural'sk. okr.; Nov. Ushtagan).

— Tikhomirova, 1973a: 138 (*Xylodromus*; checklist; near Caspian Sea).

▲ **DISTRIBUTION:** Russia.

*obscurellus* Kirshenblat, 1936a: 252, 253 (*Xylodromus*; subspecies of *sassuchini*; Type locality: Nov. Ushtagan).

— Tikhomirova, 1973a: 138 (*Xylodromus*; checklist; near Caspian Sea).

*scutosus* Broun, 1915, see: *concinus* Marsham, 1802.

**testaceus** Erichson, 1840: 885 (*Omalium*; [**preoccupied**]; Type locality: Germany).

— Gravenhorst, 1802: 114 (*Omalium*; [**Note:** Bernhauer and Schubert, 1910: 60 cited *brunneum* variety 3 as a synonym of *testaceus*; there is no available name]; characters).

— Erichson, 1839a: 635 (*Omalium*; deplanatus variety b; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 60 cited *deplanatus* variety b Erichson as a synonym of *testaceus*; there is no available name]; characters).

— Redtenbacher, 1849: 752 (*Omalium*; characters; Austria).

— Thomson, 1857a: 227 (*Omalium*; characters).

— Fairmaire and Laboulbène, 1856: 645 (*Omalium*; characters; France).

— Redtenbacher, 1857: 252 (*Omalium*; characters; Austria).

— Kraatz, 1857d: 992 (*Omalium*; characters; Germany).

— Thomson, 1861: 207 (*Etheothassa*; characters; Scandinavia).

— A. Matthews, 1863: 8650 (*Omalium*; characters; England).

— Rye, 1864a: 62 (*Omalium*; characters; notes; Britain).

— Fauvel, 1871a: 93 [= 1872: 67] (*Omalium*, cited as *Homalium*; characters; France; Scandinavia; Germany; Switzerland; Italy; Austria).

— Fauvel, 1873b: 115 [= 1873c: 8] (*Omalium*, cited as *Homalium*; Sicily; Russia).

— Fauvel, 1874: 322 [= 1874b: 28] (*Omalium*, cited as *Homalium*; Britain).

— Redtenbacher, 1874: 276 (*Omalium*; characters; Austria).

— Seidlitz, 1875: 235 (*Omalium*; characters; Baltic region).

— Mulsant and Rey, 1880: 161 (*Xylodromus*; characters; France).

— Fowler, 1888: 422 (*Omalium*, cited as *Homalium*; subgenus *Etheothassa*; characters; Britain).

— Ganglbauer, 1895: 730 (*Xylodromus*; characters; north and middle Europe).

— Luze, 1906: 500 (*Xylodromus*; synonym of *pygmaeus*).

— Reitter, 1909: 189 (*Xylodromus*; characters; Germany).

— Bernhauer and Schubert, 1910: 60 (*Xylodromus*; catalog).

— Johansen, 1914: 603 (*Xylodromus*; characters; Denmark).

— Portevin, 1929: 443 (*Xylodromus*; characters; France).

— Scheerpeltz, 1933: 1052 (*Xylodromus*; catalog).

— Palm, 1948: 89 (*Xylodromus*; characters; Sweden; Denmark; Finland).

— Tottenham, 1949: 407 (*Xylodromus*; checklist; Britain).

— Horion, 1963: 95 (*Xylodromus*; Caucasus; Britain; Sweden; Finland; Denmark; Russia; Poland; Czechoslovakia; Hungary; Romania; Serbia; Bosnia; Macedonia; Dalmatia; Croatia; Italy; Sicily; Spain; France; Switzerland; Belgium; Holland; Germany; Austria).

— Lohse, 1964: 48 (*Xylodromus*; characters; central Europe).

— Szujewski, 1968a: 712 (*Xylodromus*; Poland).

- Scheerpeltz, 1968a: 12 (*Xylodromus*; catalog; Austria).
  - Korge, 1971a: 6 (*Xylodromus*; Turkey).
  - Huggert and Ulefors, 1971: 57 (*Xylodromus*; notes; Sweden).
  - Tikhomirova, 1973a: 139 (*Xylodromus*; checklist; USSR).
  - Pope, 1977: 23 (*Xylodromus*; Britain).
  - Muona, 1979: 18 (*Xylodromus*; Russia; Sweden; Denmark).
  - Burakowski, Mroczkowski, and Stefańska, 1979: 51 (*Xylodromus*; catalog; Poland).
  - Tóth, 1980: 97 (*Xylodromus*; Hungary).
  - Uhlig and Vogler, 1981: 86 (*Xylodromus*; collecting notes; Germany).
  - Tóth, 1982: 72 (*Xylodromus*; characters; Hungary).
  - Terlutter, 1984: 25, 41 (*Xylodromus*; notes; Germany).
  - Zanetti, 1986: 95 (*Xylodromus*; senior synonym of *heterocerus*).
  - Zanetti, 1987: 266 (*Xylodromus*; characters; Italy).
  - Lucht, 1987: 88 (*Xylodromus*; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Belgium; Netherlands; Luxembourg; Denmark; Sweden).
  - Gusarov, 1989: 5 (*Xylodromus*; habitat notes; Ukraine).
  - Silfverberg, 1992: 22 (*Xylodromus*; Russia; Sweden; Denmark).
  - Boháč, 1993: 41 (*Xylodromus*; Czech Republic; Slovakia).
  - Zanetti, 1995: 7 (*Xylodromus*; Italy).
  - M. Hansen, Mahler, Palm, and Pedersen, 1996: 240 (*Xylodromus*; Denmark).
  - M. Hansen, 1996: 94 (*Xylodromus*; checklist; Denmark).
  - Ádám, 1996: 238 (*Xylodromus*; synonym of *heterocerus*).
  - Eisinger, 1997: 169 (*Xylodromus*; collecting notes; Germany).
  - Zanetti and Sabella, 1998: 31 (*Xylodromus*; Sicily).
  - M. Hansen, Pedersen, and Pritzl, 1999: 77 (*Xylodromus*; Denmark).
  - Fowles, Alexander, and Key, 1999: 129 (*Xylodromus*; saproxylic species; status as endangered or threatened species; Britain).
  - Herman, 2001: 21 (*Xylodromus*; prevailing use as valid maintained pending outcome of application to Commission under Article 23.9.3).
- ▲ **DISTRIBUTION:** Europe, Russia, Turkey.

*pygmaeus* Gravenhorst, 1806: 206 (*Omalium*; [**Note:** This name is older than *testaceus* which is preoccupied]; Type locality: Not cited).

- Gyllenhal, 1810: 223 (*Omalium*; [**Note:** Gyllenhal cited *pygmaeus* of both Gravenhorst, 1806: 206 and Paykull, 1800: 410 as referring to the same species]; characters; Sweden).
- Olivier, 1811: 475 (*Omalium*; characters; Europe).
- Gyllenhal, 1827: 466 (*Omalium*).
- Curtis, 1829: 29 (*Omalium*; catalog; Britain).
- Mannerheim, 1830: 52 (*Omalium*; Sweden).
- Mannerheim, 1831: 466 (*Omalium*; Sweden).
- Stephens, 1834: 356 (*Omalium*; [**Note:** Stephens, 1834: 356 cited Paykull as the author of this name; Stephens, 1829: 298 cited *pygmaeus* with references by Gravenhorst, 1806: 206 and Paykull, 1800: 410 as the same species; however the Paykull and Gravenhorst species were described in different genera, *Staphylinus* and *Omalium* respectively, and Gravenhorst did not attribute his *pygmaeus* to Paykull]; characters; England).
- Heer, 1839: 175 (*Xylodromus*; cited as variation of *deplanatus*; characters; Switzerland).
- Erichson, 1840: 885 (*Omalium*; synonym of *testaceus*).
- Redtenbacher, 1849: 752 (*Omalium*; synonym of *testaceum*).
- Kraatz, 1857d: 992 (*Omalium*; synonym of *testaceum*).
- Mulsant and Rey, 1880: 162 (*Xylodromus*; synonym of *testaceus*).
- Ganglbauer, 1895: 730 (*Xylodromus*; synonym of *testaceus*).
- Luze, 1906: 500 (*Xylodromus*; characters; northern and central Europe; Caucasus).
- Bernhauer and Schubert, 1910: 61 (*Xylodromus*; synonym of *testaceus*).
- Zanetti, 1987: 266 (*Xylodromus*; synonym of *testaceus*).

*heterocerus* Fiori, 1900a: 90 (*Phyllodrepa*; subgenus *Drephopylla*; Type locality: Croara, nei colli Bolognesi; bosco del Teso, nell'Apennino Toscano).

- Luze, 1906: 500 (*Phyllodrepa*; synonym of *pygmaeus*).

- Bernhauer and Schubert, 1910: 61 (*Xylodromus*; synonym of *testaceus*).
- Scheerpeltz, 1933: 1052 (*Xylodromus*; variety of *testaceus*).
- Zanetti, 1986: 95 (*Xylodromus*; synonym of *testaceus*).
- Zanetti, 1987: 266 (*Xylodromus*; synonym of *testaceus*).
- Ádám, 1996: 238 (*Xylodromus*; valid name; Hungary).
- Herman, 2001: 21 (*Xylodromus*; synonym of *testaceus*).

**transversiceps** Smetana, 1968: 227 (*Xylodromus*; Type locality: Mongolei: Cojbalsan aimak, 80 km NW von Cojbalsan, 700 m).

- Tikhomirova, 1973a: 139 (*Xylodromus*; checklist; Mongolia).

▲ **DISTRIBUTION:** Mongolia.

**uralensis** Kirshenblat, 1936a: 252, 253 (*Xylodromus*; Type locality: Chapov, Ural'sk. okr.).

▲ **DISTRIBUTION:** Russia.

### **Xylostiba**

[12 species; Palaearctic, Ethiopian, and Madagascan Regions]

*Xylostiba* Ganglbauer, 1895: 731 (subgenus of *Phloeonomus*; species included: *monilicornis*).

**TYPE SPECIES:** *Omalium monilicorne* Gyllenhal, fixed by monotypy.

- Heyden, Reitter, and Weise, 1891: 120 (cited as *Xylodromus*; subgenus of *Omalium*; list of species of Europe and Caucasus).
- Luze, 1906: 590 (synonym of *Phloeonomus*).
- Heyden, Reitter, and Weise, 1906: 131 (subgenus of *Phloeonomus*; list of species of Europe and Caucasus).
- Reitter, 1909: 190 (subgenus of *Phloeonomus*).
- Bernhauer and Schubert, 1910: 58 (catalog; subgenus of *Phloeonomus*).
- Cameron, 1930: 141 (subgenus of *Phloeonomus*; characters in key).
- Joy, 1932: 104 (key to British species).
- Scheerpeltz, 1933: 1048 (world catalog supplement; subgenus of *Phloeonomus*).
- Blackwelder, 1943: 51 (subgenus of *Phloeonomus*; type species: *monilicornis*).
- Kloet and Hincks, 1945: 161 (synonym of *Phloeonomus*).
- Tottenham, 1949: 355, 407 (subgenus of *Phloeonomus*; type species: *monilicorne* Gyllenhal; list of British species).
- Blackwelder, 1952: 408 (type species: *monilicornis*).
- Tottenham, 1954: 25 (subgenus of *Phloeonomus*; characters; British species).
- Fagel, 1956 (used as valid genus).
- Horion, 1963: 88 (subgenus of *Phloeonomus*; list of central European species).
- Lohse, 1964: 46 (subgenus of *Phloeonomus*).
- Steel, 1970a: 14 (larval characters; biological notes).
- Tikhomirova, 1973a: 139 (subgenus of *Phloeonomus*; checklist of species of USSR).
- Pototskaia, 1976: 162 (larval characters).
- Pope, 1977: 23 (list of British species).
- Burakowski, Mroczkowski, and Stefańska, 1979: 45 (catalog; subgenus of *Phloeonomus*; Poland).
- Zanetti, 1987: 254 (valid genus; characters; habitus; key to species of Italy).
- Boháč, 1993: 41 (list of species of Czech Republic and Slovakia).
- Zanetti, 1995: 7 (list of species of Italy).
- Sparacio, 1995: 141 (*Xylostiba*; characters; notes; Sicily).
- Assing, 1996a: 180, 181 (characters; notes).
- Assing, 1998f: 124 (valid genus; characters).

**abyssinica** Tottenham, 1953b: 485 (*Omalium*; subgenus *Omalioipsis*; Type locality: Abyssinia: Mt. Zuquala, forest near top, circa 9665 ft.).

- Bernhauer, 1912h: 469 (*Omalium*; [Note: According to Fagel, 1956: 3 Bernhauer's use of *algidum* is a misidentification of *Xylostiba abyssinica*]; Albert-Edward Lake).
- Bernhauer, 1931d: 566 (*Omalium*; [Note: According to Fagel, 1956: 3 Bernhauer's use of *algidum* is a misidentification of *Xylostiba abyssinica*]; Abyssinia).
- Fagel, 1956: 3 (*Xylostiba*; notes).

▲ **DISTRIBUTION:** Ethiopia.

- africana** Cameron, 1950g: 7 (*Phloeonomus*; subgenus *Xylostiba*; Type locality: Belgian Congo: Tshamugussa).  
 — Fagel, 1956: 8 (*Xylostiba*; characters).  
 ▲ **DISTRIBUTION:** Congo.  
*germana* Fagel, 1956: 9 (*Xylostiba*; variety of *africana*; Type locality: Congo Belge: Kivu, territoire d'Uvira, Haute Luvubu, 2750 m).
- algida** Fauvel, 1907: 12 (*Omalium*, cited as *Homalium*; Type locality: Kilimandjaro: Kiboscho, 3000 m).  
 — Bernhauer and Schubert, 1910: 51 (*Omalium*; subgenus *Omalium*; catalog).  
 — Fagel, 1956: 4 (*Xylostiba*; characters).  
 ▲ **DISTRIBUTION:** Ethiopia, Tanzania.  
*signata* Eichelbaum, 1910: 83 (*Omalium*; variety of *algidum*; Type locality: Kilimandjaro: Kiboscho, Bergwiesen in der Ericinellaregion 3000–3500 m).  
 — Bernhauer and Schubert, 1910: 51 (*Omalium*; synonym of *algidum*).
- bosnica** Bernhauer, 1902d: 701 (*Phloeonomus*; subspecies of *monilicornis*; Type locality: Ivan in Bosnien).  
 — Luze, 1906: 596 (*Phloeonomus*; characters; Bosnia; Croatia; Siebenbürgen; Hungary; Austria; Sicily).  
 — Reitter, 1909: 190 (*Phloeonomus*; subgenus *Xylostiba*; characters; Germany).  
 — Bernhauer and Schubert, 1910: 58 (*Phloeonomus*; subgenus *Xylostiba*; catalog).  
 — Scheerpeltz, 1933: 1048 (*Phloeonomus*; subgenus *Xylostiba*; catalog).  
 — Horion, 1935: 173 (*Phloeonomus*; Austria).  
 — Jarrige, 1950a: 94 (*Phloeonomus*, cited as *Phlaeonomus*; subgenus *Xylostiba*; characters; France).  
 — Horion, 1963: 89 (*Phloeonomus*; subgenus *Xylostiba*; Bosnia Hercegovina; Croatia; Romania; Hungary; Czechoslovakia; Switzerland; Sicily; Austria; Germany).  
 — Lohse, 1964: 46 (*Phloeonomus*; subgenus *Xylostiba*; characters; central Europe).  
 — Smetana, 1964c: 163 (*Phloeonomus*; subgenus *Xylostiba*; Czechoslovakia).  
 — Tóth, 1982: 66 (*Phloeonomus*; characters).  
 — Zanetti, 1987: 258 (*Xylostiba*; characters; Italy).  
 — Lucht, 1987: 87 (*Phloeonomus*; checklist; Czechoslovakia; Austria).  
 — Haghebaert, Bruge, and Drugmand, 1990: 36 (*Xylostiba*; Belgium).  
 — Wittwer, 1993: 248 (*Phloeonomus*; Switzerland).  
 — Boháč, 1993: 41 (*Xylostiba*; Slovakia; Czech Republic).  
 — Zanetti, 1995: 7 (*Xylostiba*; Italy).  
 — Zanetti and Sabella, 1998: 31 (*Xylostiba*; notes; Sicily).  
 — Assing, 1998f: 124 (*Xylostiba*; Germany; Belgium).  
 — Burakowski, Mroczkowski, and Stefańska, 2000: 41 (*Phloeonomus*; subgenus *Xylostiba*; catalog; Poland).  
 ▲ **DISTRIBUTION:** Bosnia Hercegovina, Croatia, Romania, Slovakia, Czech Republic, Austria, Switzerland, Belgium, Germany, France, Italy.
- germana* Fagel, 1956, see: *africana* Cameron, 1950.
- leleupi** Fagel, 1956: 6 (*Xylostiba*; Type locality: Congo Belge: Kivu, territoire d'Uvira, Haute Ngovi, 3000–3200 m).  
 ▲ **DISTRIBUTION:** Congo.
- lobelicola** Fagel, 1956: 7 (*Xylostiba*; Type locality: Congo Belge: Kibali-Ituri, Mont Bughera, 2200 m).  
 ▲ **DISTRIBUTION:** Congo.
- mikenensis** Fagel, 1956: 10 (*Xylostiba*; Type locality: Congo Belge: Parc National Albert, volcan Mikeno, vers Rweru, 2400 m. Also cited from Ruanda).  
 ▲ **DISTRIBUTION:** Rwanda, Congo.
- monilicornis** Gyllenhal, 1810: 219 (*Omalium*; Type locality: Sweden).  
 — Gyllenhal, 1827: 466 (*Omalium*).  
 — Curtis, 1829: 29 (*Omalium*; catalog; Britain).

- C. Sahlberg, 1830: 283 (*Omalium*; characters; Finland).
- Stephens, 1834: 347 (*Omalium*; characters; England).
- Heer, 1839: 185 (*Phloeonomus*; characters; Switzerland).
- Stephens, 1839: 428 (*Omalium*; characters; England).
- Erichson, 1840: 876 (*Omalium*; characters; Sweden; montibus Hercyniae).
- Redtenbacher, 1849: 751 (*Omalium*; characters; Austria).
- Thomson, 1857a: 224 (*Omalium*; characters; Scandinavia).
- Fairmaire and Laboulbène, 1856: 639 (*Omalium*; characters; France).
- Redtenbacher, 1857: 251 (*Omalium*; characters; Austria).
- Kraatz, 1857d: 985 (*Omalium*; characters; Germany; Switzerland).
- Thomson, 1859: 51 (type species of *Xylodromus*).
- Thomson, 1861: 210 (*Xylodromus*; characters; Scandinavia).
- Hochhuth, 1862: 108 (*Omalium*; Russia).
- Fauvel, 1871a: 96 [= 1872: 70] (*Omalium*, cited as *Homalium*; characters; France; Scandinavia; Britain; Switzerland; Italy; Germany; Poland; Russia; Siberia).
- Fauvel, 1874: 322 [= 1874b: 28] (*Omalium*, cited as *Homalium*; Corsica).
- Redtenbacher, 1874: 275 (*Omalium*; characters; Austria).
- Seidlitz, 1875: 233 (*Omalium*; characters; Baltic region).
- J. Sahlberg, 1876: 219 (*Xylodromus*; Finland).
- Mulsant and Rey, 1880: 181 (*Phloeonomus*; characters; France).
- Fowler, 1888: 417 (*Omalium*, cited as *Homalium*; subgenus *Xylodromus*; characters; Britain).
- Seidlitz, 1891: 339 (*Omalium*; subgenus *Xylodromus*; characters; Europe).
- Seidlitz, 1891a: 361 (*Omalium*; subgenus *Xylodromus*; characters; Europe).
- Ganglbauer, 1895: 731 (*Phloeonomus*; subgenus *Xylostiba*; characters; north and middle Europe; Italy; Bosnia; Siberia).
- Luze, 1906: 594 (*Phloeonomus*; characters; northern and central Europe).
- Sainte-Claire Deville, 1906: 70 (*Omalium*, cited as *Homalium*; Corsica).
- Reitter, 1909: 190 (*Phloeonomus*; subgenus *Xylostiba*; characters; Germany).
- Bernhauer and Schubert, 1910: 58 (*Phloeonomus*; subgenus *Xylostiba*; catalog).
- Portevin, 1929: 445 (*Phloeonomus*; characters; France).
- Scheerpeltz, 1933: 1048 (*Phloeonomus*; subgenus *Xylostiba*; catalog).
- Palm, 1948: 84 (*Phloeonomus*; characters; Sweden; Norway; Finland).
- Jarrige, 1950a: 94 (*Phloeonomus*, cited as *Phlaeonomus*; subgenus *Xylostiba*; characters; France).
- Horion, 1963: 88 (*Phloeonomus*; subgenus *Xylostiba*; Britain; Norway; Sweden; Finland; France; Switzerland; Italy; Bosnia; Romania; Hungary; Czechoslovakia; Poland; Caucasus; Germany; Austria).
- Lohse, 1964: 46 (*Phloeonomus*; subgenus *Xylostiba*; characters; central Europe).
- Smetana, 1964c: 169 (*Phloeonomus*; subgenus *Xylostiba*; characters).
- Szujewski, 1969a: 248 (*Phloeonomus*; notes; Poland).
- Steel, 1970a: 14 (*Xylostiba*; larval characters; biological notes).
- Legner and Moore, 1977: 175 (*Xylodromus*; found under bark).
- Tóth, 1982: 66 (*Phloeonomus*; characters).
- Segers, 1986: 20 (*Xylostiba*; checklist of species; Belgium).
- Zanetti, 1987: 255 (*Xylostiba*; characters; Italy).
- Lucht, 1987: 87 (*Phloeonomus*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux).
- Schülke and Uhlig, 1988: 3 (*Phloeonomus*; notes; Germany).
- Boháč, 1993: 41 (*Xylostiba*; Slovakia; Czech Republic).
- Zanetti, 1995: 7 (*Xylostiba*; Italy).
- Cibulskis, 1998: 67 (*Phloeonomus*; Latvia).
- Cibulskis, 1999: 35 (*Phloeonomus*; list; Latvia).
- Hågvar, 1999: 28 (*Phloeonomus*; collected on *Fomes fomentarius*; Norway).
- Fowles, Alexander, and Key, 1999: 129 (*Xylostiba*; saproxylic species; status as endangered or threatened species; Britain).

▲ **DISTRIBUTION:** Europe, Russia.



**pauliani** Jarrige, 1970: 59 (*Xylostiba*; Type locality: Madagascar: Mt. Tsaratanana, 2200 m).

▲ **DISTRIBUTION:** Madagascar.

**scotti** Fagel, 1956: 3 (*Xylostiba*; Type locality: Ethiopia: Simien, nr. Mindigabsa, c. 10,000 ft).

▲ **DISTRIBUTION:** Ethiopia.

*signata* Eichelbaum, 1910, see: *algida* Fauvel, 1907.

**tahirai** Watanabe, 1997: 760 (*Xylostiba*; Type locality: Japan: Honshu: Shizuoka Pref.: Abe Pass, Shizuoka-shi).

▲ **DISTRIBUTION:** Japan.

**wittei** Cameron, 1950g: 6 (*Omalium*; Type locality: Belgian Congo: sommet Visoke, alt. 3770 m).

— Fagel, 1956: 4 (*Xylostiba*; characters).

▲ **DISTRIBUTION:** Congo.

### **Zeolymma**

[1 species; Australian Region]

*Zeolymma* Steel, 1950d: 29 (species included: *brachypterum*). **TYPE SPECIES:** *Zeolymma brachypterum* Steel, fixed by original designation and monotypy.

**brachypterum** Steel, 1950d: 31 (*Zeolymma*; Type locality: New Zealand: Queenstown).

— Klimaszewski, Newton, and Thayer, 1996: 146 (*Zeolymma*; endemic to New Zealand).

▲ **DISTRIBUTION:** New Zealand.

## **OMALIINAE: TRIBE INCERTAE SEDIS**

### **Archodromus†**

[2 species; Palaearctic Region]

*Archodromus*† Tikhomirova, 1968: 143 (Jurassic fossil; species included: *comptus*, *brachypterus*). **TYPE SPECIES:** *Archodromus comptus* Tikhomirova, fixed by original designation.

— Carpenter, 1992: 298 (checklist; similar to *Porrhodromus*).

**brachypterus**† Tikhomirova, 1968: 143 (*Archodromus*; Jurassic Fossil; Type locality: Karatau, s. Michailovka).

▲ **DISTRIBUTION:** Kazakhstan.

**comptus**† Tikhomirova, 1968: 143 (*Archodromus*; Jurassic Fossil; Type locality: Karatau, s. Michailovka).

▲ **DISTRIBUTION:** Kazakhstan.

### **Daiodromus†**

[1 species; Palaearctic Region]

*Daiodromus*† Ryvkin, 1990a: 55 (Mesozoic Fossil; species included: *umbrosus*). **TYPE SPECIES:** *Daiodromus umbrosus* Ryvkin, fixed by original designation and monotypy.

**umbrosus**† Ryvkin, 1990a: 56 (*Daiodromus*; Mesozoic Fossil; Type locality: Daia).

▲ **DISTRIBUTION:** Russia.

### **Eophyllodrepa†**

[1 species; Palaearctic Region]

*Eophyllodrepa*† Ryvkin, 1985: 89 (Jurassic fossil; species included: *propinqua*). **TYPE SPECIES:** *Eophyllodrepa propinqua* Ryvkin, fixed by original designation and monotypy.

**propinqua**† Ryvkin, 1985: 90 (*Eophyllodrepa*; Jurassic Fossil; Type locality: Nizhniaia ili sredniaia iura, Zabaikal'e, Novospasskoe ichtuiskaia svita).

▲ **DISTRIBUTION:** Russia.

**Globoides**†

[2 species; Palaearctic Region]

*Globoides*† Tikhomirova, 1968: 144 (Jurassic fossil; species included: *oculatus*, *microps*).**TYPE SPECIES:** *Globoides oculatus* Tikhomirova, fixed by original designation.— Carpenter, 1992: 298 (checklist; Jurassic fossil; similar to *Porrhodromus*).**oculatus**† Tikhomirova, 1968: 145 (*Globoides*; Jurassic Fossil; Type locality: Karatau, s. Michailovka).▲ **DISTRIBUTION:** Kazakhstan.**microps**† Tikhomirova, 1968: 146 (*Globoides*; Jurassic Fossil; Type locality: Karatau, s. Michailovka).▲ **DISTRIBUTION:** Kazakhstan.**Mesodeliphrum**†

[1 species; Palaearctic Region]

*Mesodeliphrum*† Ryvkin, 1990a: 58 (Mesozoic Fossil; species included: *rufulum*). **TYPE SPECIES:** *Mesodeliphrum rufulum* Ryvkin, fixed by original designation and monotypy.**rufulum**† Ryvkin, 1990a: 59 (*Mesodeliphrum*; Mesozoic Fossil; Type locality: Turga).▲ **DISTRIBUTION:** Russia.**Morsum**†

[1 species; Palaearctic Region]

*Morsum*† Ryvkin, 1985: 90 (Jurassic fossil; species included: *abdominale*). **TYPE SPECIES:** *Morsum abdominale* Ryvkin, fixed by original designation and monotypy.**abdominale**† Ryvkin, 1985: 90 (*Morsum*; Jurassic Fossil; Type locality: Sredniaia iura Krasnoarskogo Kraia, perednegrudi i nog, Kubekovo, itatskaia svita).▲ **DISTRIBUTION:** Russia.**Porrhodromus**†

[1 species; Palaearctic Region]

*Porrhodromus*† Tikhomirova, 1968: 141 (Jurassic fossil; species included: *communis*). **TYPE SPECIES:** *Porrhodromus communis* Tikhomirova, fixed by original designation.— Carpenter, 1992: 299 (checklist; Jurassic Fossil; similar to *Porrhodites*).**communis**† Tikhomirova, 1968: 142 (*Porrhodromus*; Jurassic Fossil; Type locality: Karatau, s. Michailovka).▲ **DISTRIBUTION:** Kazakhstan.**Prodaia**†

[1 species; Palaearctic Region]

*Prodaia*† Ryvkin, 1990a: 57 (Mesozoic Fossil; species included: *inflata*). **TYPE SPECIES:** *Prodaia inflata* Ryvkin, fixed by original designation and monotypy.**inflata**† Ryvkin, 1990a: 58 (*Prodaia*; Mesozoic Fossil; Type locality: Daia).▲ **DISTRIBUTION:** Russia.**Pseudolestea**†

[1 species; Palaearctic Region]

*Pseudolestea*† Schaufuss, 1890: 69 (species included: *insinuans*). **TYPE SPECIES:** *Pseudolestea insinuans* Schaufuss, fixed by monotypy.

— Blackwelder, 1952: 327 (type species; no evidence of misspelling).

— Spahr, 1981: 96 (references to specimens from amber and copal).

**insinuans**† Schaufuss, 1890: 69 (*Pseudolestea*; Oligocene Fossil; Type locality: Baltic amber).— Handlirsch, 1907: 730 (*Pseudolestea*, cited as *Pseudolesteva*; catalog; Oligocene; Baltic amber).— Carpenter, 1992: 299 (*Pseudolestea*, cited as *Pseudolesteva*; checklist; similar to *Lesteva*).▲ **DISTRIBUTION:** Baltic region.



## PROTEININAE



[11 genera; 193 species; Neotropical, Nearctic, Palearctic, Ethiopian, Oriental, Oceanic, and Australian Regions]

### Proteininae Erichson, 1839a.

- Portevin, 1929: 456 (characters; key to French genera).
- Böving and Craighead, 1930: 29 (larval characters).
- Bernet Kempers, 1941: 34, 36 (larval characters).
- Blackwelder, 1944: 101 (checklist of species from Mexico, Central and South America, and the West Indies).
- Palm, 1948: 38 (characters; key to Swedish genera and species).
- Tottenham, 1954: 13 (characters).
- Crowson, 1955: 33, 37 (adult and larval characters in key; relationships).
- Lohse, 1964: 22 (characters; key to central European genera and species).
- Steel, 1966 (adult and larval characters; key to adult and larval genera).
- Kasule, 1966: 265, 279 (larval characters; key to some genera).
- Coiffait and Saiz, 1968: 456 (Chilean species).
- Steel and Woodroffe, 1969: 134 (list of species collected from Isle of Rhum; collecting notes).
- Abdullah and Qadri, 1970: 130 (discussion of status; characters).
- Moore and Legner, 1974: 14 (characters; key to North American genera).
- Moore and Legner, 1974g: 556 (key to genera of America north of Mexico).
- Moore and Legner, 1974h: 474 (catalog of the taxonomy, biology, and ecology of developmental stages of species of America north of Mexico).
- Topp, 1978: 306, 307 (larval characters; key to genera).
- Burakowski, Mroczkowski, and Stefańska, 1979: 10 (catalog; Poland).
- Moore and Legner, 1979: 156 (characters; tabular key to genera of North America north of Mexico).
- Muona, 1979: 17 (list of Scandinavian species).
- Spahr, 1981: 93 (references to specimens from amber and copal).
- Tóth, 1981: 94 (list of species of Hortobágy National Park, Hungary).
- Watt and McColl, 1982: 18, 19 (characters; notes on New Zealand taxa).
- Tóth, 1982: 22 (characters; key to genera and species of Hungary).
- Outerelo and Gamarra, 1985: 76 (key to genera of Iberian Peninsula).
- Dettner, 1987: 28 (defensive glands).
- Thayer, 1987: 400 (phylogenetic relationships).
- Gusarov, 1989 (list of species from the Crimea; ecological and habitat notes).
- Dettner and Reissenweber, 1991 (defensive secretions: chemistry and systematics).
- Frank, 1991: 344 (larval characters).
- Newton and Thayer, 1992: 13, 63 (summary of current classification).
- Welch, 1993 (ovariole structure and development).
- Dettner, 1993a (summary and discussion of defensive secretions and exocrine glands and their bearing on phylogeny).
- Newton and Thayer, 1995: 247–286, 296 (phylogenetic relationships; characters; discussion; key to tribes).
- Lawrence and Newton, 1995: 824 (discussion).
- Sparacio, 1995: 137 (characters; species of Sicily).
- Klimaszewski, Newton, and Thayer, 1996: 146 (review of subfamily for New Zealand; notes; list of New Zealand genera; number of New Zealand species).
- M. Hansen, 1996: 35, 96 (listed in Omaliinae group of subfamilies; list of Danish species).
- Downie and Arnett, 1996: 429 (characters; species of Northeastern North America).
- M. Hansen, 1997: 83, 84, 86, 114, 176, 177, 178 (characters supporting clade; autapomorphic features; key adult and larval characters; notes).
- Anderson, Nash, and O'Connor, 1997: 16 (annotated checklist; Ireland).
- Cuccodoro, 1999: 388 (device for rearing small hygrophilous beetles).

- Newton, Thayer, Ashe, and Chandler, 2000: 286, 343 (key to Nearctic genera; characters; notes).
- Klimaszewski, 2000: 32 (characters; notes on classification, natural history, distribution in Canada and Alaska).

### Tribe Anepiini

- Anepiini Steel, 1966: 292, 306 (genera included: *Anepius*, *Eupsorus*). **TYPE GENUS:** *Anepius* (see Newton and Thayer, 1992: 63).
- Newton, 1985: 196 (notes on austral distribution and taxonomic position).
  - Newton and Thayer, 1992: 63 (tribe of Proteininae).
  - Newton and Thayer, 1995: 247–286, 299 (phylogenetic relationships; characters; discussion; includes *Anepius* and *Eupsorus*).
  - Klimaszewski, Newton, and Thayer, 1996: 146 (list of New Zealand genera; number of New Zealand species).

### *Anepius*

[1 species; Palaearctic(?) and Australian Regions]

- Anepius* Blackburn, 1902: 29 (species included: *raucus*, *koebelei*). **TYPE SPECIES:** *Anepius koebelei* Blackburn, fixed by subsequent designation (see Blackwelder, 1952: 52).
- Bernhauer and Schubert, 1910: 34 (world catalog; 2 species).
  - Steel, 1966: 308 (characters).
  - Newton and Thayer, 1995: 299 (Anepiini).

- Nepalarthrus* Coiffait, 1982: 133 (species included: *himalayicus*). **TYPE SPECIES:** *Nepalarthrus himalayicus* Coiffait, fixed by original designation and monotypy.
- Newton and Thayer, 1995: 299 (synonym of *Anepius*).

*himalayicus* Coiffait, 1982, see: *koebelei* Blackburn, 1902.

- koebelei** Blackburn, 1902: 30 (*Anepius*; Type locality: Australia).
- Bernhauer and Schubert, 1910: 34 (*Anepius*; catalog).
  - Steel, 1966: 308 (*Anepius*; characters; Australia).
  - ▲ **DISTRIBUTION:** Australia, Nepal (?).

- himalayicus* Coiffait, 1982: 134 (*Nepalarthrus*; Type locality: Nepal occidental: region de Rara-See).
- Newton and Thayer, 1995: 299 (*Anepius*; synonym of *koebelei*; locality may be an error of mislabelling).

*raucus* Blackburn, 1902, see: *Austrorhysus*.

### *Eupsorus*

[1 species; Australian Region]

- Eupsorus* Broun, 1904: 45 (species included: *costatus*). **TYPE SPECIES:** *Eupsorus costatus* Broun, fixed by monotypy.
- Bernhauer and Schubert, 1910: 82 (world catalog; 1 species).
  - Blackwelder, 1952: 158 (type species: *costatus*).
  - Steel, 1966: 309 (characters).
  - Newton and Thayer, 1995: 299 (Anepiini).

- costatus** Broun, 1904: 46 (*Eupsorus*; Type locality: Ida Valley, New Zealand).
- Bernhauer and Schubert, 1910: 82 (*Eupsorus*; catalog).
  - Steel, 1966: 310 (*Eupsorus*; characters; New Zealand).
  - Klimaszewski, Newton, and Thayer, 1996: 146 (*Eupsorus*; endemic to New Zealand).
  - ▲ **DISTRIBUTION:** New Zealand.

### Tribe Austrorhysini

- Austrorhysini Newton and Thayer, 1995: 247–286, 298 (description; phylogenetic relationships; discussion; includes *Austrorhysus* and *Megarhroides*).

**Austrorhysus**

[1 species; Australian Region]

*Austrorhysus* Steel, 1966: 297 (species included: *raucus*). **TYPE SPECIES:** *Anepius raucus* Blackburn, fixed by original designation and monotypy.

— Newton and Thayer, 1995: 298 (*Austrorhysini*).

**raucus** Blackburn, 1902: 30 (*Anepius*; Type locality: Victoria, Dividing Range).

— Bernhauer and Schubert, 1910: 34 (*Anepius*; catalog).

— Steel, 1966: 297 (*Austrorhysus*; characters; Australia).

▲ **DISTRIBUTION:** Australia.

**Megarthroides**

[1 species; Neotropical Region]

*Megarthroides* Steel, 1966: 298 (species included: *chilensis*). **TYPE SPECIES:** *Megarthroides chilensis* Steel, fixed by original designation and monotypy.

— Newton and Thayer, 1995: 298 (*Austrorhysini*).

**chilensis** Steel, 1966: 300 (*Megarthroides*; Type locality: Chile: Isla Picton).

▲ **DISTRIBUTION:** Chile.

**Tribe Neosoneini**

Nesoneini Steel, 1966: 292 (genera included: *Paranesoneus*, *Austrorhysus*, *Nesoneus*, *Megarthroides*, *Silphotelus*, *Alloproteinus*). **TYPE GENUS:** *Nesoneus* (see Newton and Thayer, 1992: 63).

— Newton, 1985: 196, 197 (notes on austral distribution and taxonomic position).

— Newton and Thayer, 1992: 63 (tribe of Proteininae).

— Newton and Thayer, 1995: 247–286, 298 (phylogenetic relationships; characters; discussion; some genera removed; includes *Nesoneus* and *Paranesoneus*).

— Klimaszewski, Newton, and Thayer, 1996: 146 (list of New Zealand genera; number of New Zealand species).

**Nesoneus**

[1 species; Australian Region]

*Nesoneus* Bernhauer, 1939f: 205 (species included: *acuticeps*). **TYPE SPECIES:** *Nesoneus acuticeps* Bernhauer, fixed by monotypy.

— Blackwelder, 1952: 261 (type species: *acuticeps*).

— Steel, 1966: 288, 293 (adult and larval characters).

— Newton and Thayer, 1995: 298 (*Nesoneini*).

*Nesoneus* Cameron, 1945d: 780 (species included: *acuticeps*, *sparsior*; **preoccupied** by Bernhauer, 1939). **TYPE SPECIES:** *Nesoneus acuticeps* Cameron, fixed by original designation.

— Steel, 1966: 293 (synonym of *Nesoneus* Bernhauer).

*acuticeps* Cameron, 1945, see: *acuticeps* Bernhauer, 1939.

**acuticeps** Bernhauer, 1939f: 207 (*Nesoneus*; Type locality: Neu-Seeland: North Island: Waitakerei Range, Auckland).

— Steel, 1966: 293 (*Nesoneus*; characters; New Zealand).

— Kuschel, 1990: 25 (*Nesoneus*; endemic; winged; habitat; New Zealand).

▲ **DISTRIBUTION:** New Zealand.

*acuticeps* Cameron, 1945d: 780 (*Nesoneus*; [**preoccupied**]; Type locality: New Zealand: Waitak, North Island).

— Steel, 1966: 293 (*Nesoneus*; isogenotypic synonym of *acuticeps* Bernhauer).

*sparsior* Cameron, 1945, see: *Paranesoneus*.

**Paranesoneus**

[1 species; Australian Region]

*Paranesoneus* Steel, 1966: 294 (species included: *sparsior*). **TYPE SPECIES:** *Nesoneus sparsior* Cameron, fixed by original designation.

— Newton and Thayer, 1995: 298 (*Nesoneini*).

**sparsior** Cameron, 1945d: 781 (*Nesoneus*; Type locality: New Zealand: Midhurst).

— Steel, 1966: 294 (*Paranesoneus*; characters; New Zealand).

— Klimaszewski, Newton, and Thayer, 1996: 146 (*Paranesoneus*; endemic to New Zealand).

▲ **DISTRIBUTION:** New Zealand.

**Tribe Proteinini**

Proteinini Erichson, 1839a: 641 (genera included: *Proteinus*, *Megarthus*, *Micropeplus*).

**TYPE GENUS:** *Proteinus* (see Newton and Thayer, 1992: 63).

— Eichelbaum, 1909: 108 (list of genera with some references; generic synonyms; number of genera; number of species in each genus; general distribution of genera).

— Bernhauer and Schubert, 1910: 32 (world catalog; *Phloeobium*, *Proteinus*, *Anepius*, *Megarthus*).

— Johansen, 1914: 626 (characters; key to Danish genera).

— Kemner, 1925: 62 (larval characters; discussion).

— Porta, 1926: 8 (characters; species of Italy).

— Cameron, 1930: 123 (characters; key to British Indian genera).

— Scheerpeltz, 1933: 1025 (world catalog supplement).

— Scheerpeltz, 1940: 13 (key to Palaeartic genera).

— Jeannel and Jarrige, 1949: 322 (characters).

— Steel, 1966: 292 (characters).

— Tikhomirova, 1973a: 136 (checklist of species of USSR).

— Muona, 1979: 17 (list of Scandinavian species).

— Newton and Thayer, 1992: 63 (tribe of Proteininae).

— Newton and Thayer, 1995: 247–286, 299 (phylogenetic relationships; characters; discussion; includes *Megarthus*, *Metopsia* and *Proteinus*).

— M. Hansen, 1996: 96 (list of Danish species).

— Cuccodoro and Löbl, 1997: 1347 (characters).

— Newton, Thayer, Ashe, and Chandler, 2000: 343 (characters; notes).

Proteinina Heer, 1839: 170 (genera included: *Proteinus*, *Megarthus*). **TYPE GENUS:**

*Proteinus* (see Newton and Thayer, 1992: 63).

— Heer, 1839a: 4 (cited as tribe of Omalida).

— Newton and Thayer, 1992: 63 (synonym of Proteininae; [**Note:** Newton and Thayer cited a different 1839 article by Heer as his first use of the name but on page 24 write that the article cited here was published first]).

Protinina:

— Jakobson, 1908: 445 (characters).

Proteini:

— Pototskaia, 1967: 18, 19 (larval characters; key to some genera).

Phléobiens Mulsant and Rey, 1878b: 251 (genera included: *Phloeobium*). **TYPE GENUS:**

*Phloeobium* (see Newton and Thayer, 1992: 63).

— Newton and Thayer, 1992: 63 (synonym of Proteinini).

Phloeobiinae Fowler, 1888: 431 (genera included: *Phloeobium*). **TYPE GENUS:** *Phloeobium* (see Newton and Thayer, 1992: 63).

— Scheerpeltz, 1933: 1025 (synonym of Proteinini).

— Tottenham, 1954: 13 (synonym of Metopsiinae).

— Burakowski, Mroczkowski, and Stefańska, 1979: 9 (catalog; Poland).

— Newton and Thayer, 1992: 63 (synonym of Proteinini).

Megarthrini Joy, 1932: 93 (genera included: *Megarthrus*). **TYPE GENUS:** *Megarthrus* (see Newton and Thayer, 1992: 63).

— Newton and Thayer, 1992: 63 (synonym of Proteinini).

Metopsiinae Tottenham, 1954: 8, 13 (genera included: *Metopsia*). **TYPE GENUS:** *Metopsia* (see Newton and Thayer, 1992: 63).

— Lohse, 1964: 21 (characters; key to central European species).

— Topp, 1978: 306 (larval characters).

— Tóth, 1981: 94 (list of species of Hortobágy National Park, Hungary).

— Tóth, 1982: 21 (characters; species of Hungary).

— Outerelo and Gamarra, 1985: 75 (genera of Iberian Peninsula).

— Gusarov, 1989 (list of species from the Crimea; ecological and habitat notes).

— Newton and Thayer, 1992: 63 (synonym of Proteinini).

— Boháč, 1993: 40 (taxa of Czech Republic and Slovakia).

— Assing, Frisch, Kahlen, et al., 1998: 120 (note).

Pteroniinae Moore, 1964a: 88 (replacement name for Proteininae). **TYPE GENUS:** *Pteronius* (see Newton and Thayer, 1992: 63).

— Newton and Thayer, 1992: 63 (synonym of Proteinini).

Pteronini:

— Arnett, 1963: 254 (tribe of Oxytelinae; characters; list of North American genera).

Metopsidinae:

— Newton and Thayer, 1992: 63 (synonym of Proteinini).

Metopsiini:

— Muona, 1979: 17 (list of Scandinavian species).

### **Megarthrus**

[136 species; Neotropical, Nearctic, Palaearctic, Ethiopian, Oriental, Australian, and Oceanic Regions]

*Megarthrus* Curtis, 1829: 28 (species included: *depressus*, *macropterus*). **TYPE SPECIES:** *Staphylinus depressus* Paykull, fixed by subsequent designation by Westwood, 1838a: 18 [**Note:** Most of the early citations to *M. depressus* are misidentifications of *M. prosseni* (Cuccodoro and Löbl, 1997: 1369). *Megarthrus* was erected by Curtis, who also misidentified *M. depressus*, so presumably the type species of *Megarthrus* is based on a misidentification].

— Stephens, 1829a: 24 (catalog; Britain).

— Stephens, 1829: 295 (catalog; Britain).

— Stephens, 1834: 330 (characters; habitat).

— Westwood, 1838a: 18 (characters; type species).

— Erichson, 1839a: 643 (characters).

— Heer, 1839: 171 (characters).

— Stephens, 1839: 422 (characters).

— Erichson, 1840: 904 (characters).

— Redtenbacher, 1849: 756 (characters).

— Schaum, 1852: 31 (list of species; Europe).

— Lacordaire, 1854: 147 (characters; notes; list of species).

— Wollaston, 1854: 614 (characters; notes).

— Fairmaire and Laboulbène, 1856: 654 (characters).

— Jacquelin du Val, 1857: 79 (characters).

— Redtenbacher, 1857: 257 (characters; key to Austrian species).

— Kraatz, 1857d: 1027 (characters).

— Thomson, 1858: 38 (characters).

— G. Waterhouse, 1858: 32 (catalog of British species).

— Thomson, 1859: 52 (characters; type species: *depressus*).

— Schaum, 1859: 33 (catalog; European species).



- LeConte, 1861a: 71 (characters).
- Thomson, 1861: 218 (characters).
- Saulcy, 1862: 70 (key to species).
- Gredler, 1863: 127 (list of species from Tirol).
- LeConte, 1863: 26 (list of North American species).
- Wencker and Silbermann, 1866: 37 (list of species; collecting notes; France).
- Gemminger and Harold, 1868: 672 (catalog).
- Jacquelin du Val, 1868: 82 (catalog; European species).
- Fauvel, 1871a: 51 [= 1872: 25] (characters; key to species).
- Sharp, 1871d: 14 (list of British species).
- Redtenbacher, 1874: 282 (characters; key to Austrian species).
- Fauvel, 1878d: 190 [= 1878e: 26] (key to North American species).
- Mulsant and Rey, 1878b: 232 (characters; key to French species).
- Heyden, 1880: 84 (list of species of Siberian region).
- Duvivier, 1883: 201 (catalog).
- Sharp, 1887: 743 (notes; Mexican and Central American species).
- Fowler, 1888: 429 (notes; key to British species).
- Seidlitz, 1891: 336 (key to some European species).
- Seidlitz, 1891a: 359 (key to some European species).
- Heyden, Reitter, and Weise, 1891: 122 (list of species of Europe and Caucasus).
- Heyden, 1893: 49 (list of species of Siberian region).
- Ganglbauer, 1895: 760 (characters; key to middle European species).
- Heyden, 1896: 37 (list of species of Siberian region).
- Fauvel, 1897d: 242 (catalog of species of Barbary; Madeira; Canaries).
- Heyden, Reitter, and Weise, 1906: 127 (list of species of Europe and Caucasus).
- Sainte-Claire Deville, 1907: 15 (key to species of Seine Basin, France).
- Reitter, 1909: 198 (characters; key to German species).
- Bernhauer and Schubert, 1910: 34 (world catalog; 28 species).
- Blatchley, 1910: 482 (characters).
- Petri, 1912: 50 (list of species of Siebenbürgen).
- Johansen, 1914: 628 (characters; key to Danish species).
- Leng, 1920: 93 (catalog of North American species).
- Cameron, 1924b: 165 (key to Indian species).
- Winkler, 1925: 325 (catalog for Palaearctic region).
- Cameron, 1925: 9, 103 (catalog of Indian species).
- Porta, 1926: 9 (characters; key to species of Italy).
- Portevin, 1929: 456 (characters; key to French species).
- Cameron, 1930: 125 (characters; key to British Indian species).
- Scheerpeltz, 1931a: 188 (key to European species).
- Roubal, 1930: 301 (catalog; Slovakia).
- Joy, 1932: 93 (key to British species).
- Scheerpeltz, 1933: 1028 (world catalog supplement).
- Kuusinen, 1933: 65, 70 (notes; key to Finnish species).
- Normand, 1935: 356 (list of species of Tunisia).
- Blackwelder, 1944: 101 (checklist of species from Mexico, Central and South America, and the West Indies).
- Kloet and Hincks, 1945: 160 (list of British species).
- Scheerpeltz, 1947: 257 (key to European species).
- Palm, 1948: 39 (characters; key to species of Sweden).
- Tottenham, 1949: 353, 405 (type species: *depressus* Paykull; list of British species; notes).
- Cameron, 1950g: 6 (key to African species).
- Blackwelder, 1952: 236 (type species).
- Tottenham, 1954: 15 (characters; key to British species).
- Hatch, 1957: 106, 107 (characters; key to species of Pacific Northwest).
- Kocher, 1958: 92 (checklist of species; Morocco).
- Sawada, 1962: 9 (key to Japanese species).

- Ferreira, 1962a: 9 (list of Portuguese species).
  - Horion, 1963: 21 (list of central European species).
  - Székessy, 1963: 10 (characters).
  - Lohse, 1964: 22 (characters; key to central European species).
  - Steel, 1966: 288 (larval characters).
  - Kasule, 1966: 279 (larval characters).
  - Pototskaia, 1967: 19 (larval characters).
  - Scheerpeltz, 1968a: 3 (catalog of Austrian species).
  - Bordoni, 1973j: 655 (list of species from islands near Sicily).
  - Tikhomirova, 1973a: 136 (checklist of species of USSR).
  - Moore and Legner, 1974: 16 (characters; notes).
  - Moore and Legner, 1975: 175 (catalog; North America north of Mexico).
  - Shibata, 1976: 91 (checklist of species of Japan).
  - Pope, 1977: 22 (list of British species).
  - Topp, 1978: 307 (larval characters).
  - Burakowski, Mroczkowski, and Stefańska, 1979: 10 (catalog; Poland).
  - Moore and Legner, 1979: 157 (characters; notes).
  - Muona, 1979: 17 (list of Scandinavian species).
  - Uhlig and Vogler, 1981: 83 (list of some species collected in Germany; habitat and collecting notes).
  - Tóth, 1982: 28 (characters; habitus; key to species of Hungary).
  - Muona and Viramo, 1986: 14 (list of species of northeastern Finland).
  - Segers, 1986: 17 (checklist of species; Belgium).
  - Dettner and Reissenweber, 1991 (defensive secretions: chemistry and systematics).
  - Campbell and Davies, 1991: 87 (checklist of species; Alaska and Canada).
  - Silfverberg, 1992: 21 (list of species of Fennoscandia, Denmark, and the Baltic States).
  - Siitonen, 1993: 230 (list of Finnish species).
  - Boháč, 1993: 40 (list of species of Czech Republic and Slovakia).
  - Welch, 1993: 227 (ovariole number and ovary structure).
  - Hernández, Outerelo, and Gamarra, 1994: 187 (checklist of species; Canary Islands).
  - Cuccodoro, 1995: 262 (water loading behavior).
  - Cuccodoro and Löbl, 1995 (revision of and key to afrotropical species; characters; distribution).
  - Newton and Thayer, 1995: 299 (Proteinini).
  - Zanetti, 1995: 5 (list of species of Italy).
  - M. Hansen, 1996: 96 (list of Danish species).
  - Cuccodoro, 1996 (revision of and key to species of Japan).
  - Cuccodoro and Löbl, 1996 (revision of and key to species of USA and Canada; note on natural history, ecology and distribution in North America).
  - Downie and Arnett, 1996: 429 (characters; key to species of Northeastern North America).
  - Ádám, 1996: 237 (list of species collected in Bükk National Park, Hungary).
  - Cuccodoro and Löbl, 1997 (revision of Palaearctic species; taxonomic history; natural history characters; key to species; discussion; checklist of names of Palaearctic region).
  - Cuccodoro, 1998 (revision of and key to species of New Guinea, New Caledonia, and Fiji; collecting notes; phylogeny).
  - M. Hansen, Palm, Pedersen, and Runge, 1998: 70 (list of species collected in 1997; Denmark).
  - Assing, Frisch, Kahlen, et al., 1998: 120 (note).
  - Cuccodoro, 1999a: 374 (key to species of Ethiopia).
  - Newton, Thayer, Ashe, and Chandler, 2000: 343 (12 Nearctic species; notes; characters in key).
  - Jimenez-Sanchez, Navarrete-Heredia, and Padilla-Ramirez, 2000: 57 (necrophilous species in Mexico).
- Phloeobium* Dejean, 1833: 69 (species included: *depressum* and four unavailable names).
- TYPE SPECIES:** *Staphylinus depressus* Paykull, fixed by monotypy.
- Lacordaire, 1835: 492 (characters).
  - Erichson, 1840: 907 (characters).
  - Heer, 1841: 566 (characters).

- Redtenbacher, 1849: 757 (characters).
- Lacordaire, 1854: 147 (synonym of *Megarthus*).
- Fairmaire and Laboulbène, 1856: 655 (characters).
- Jacquelin du Val, 1857: 80 (characters).
- Redtenbacher, 1857: 258 (characters).
- Kraatz, 1857d: 1032 (characters).
- G. Waterhouse, 1858: 32 (catalog of British species).
- Schaum, 1859: 33 (catalog; European species).
- Jacquelin du Val, 1868: 82 (catalog; European species).
- Gemminger and Harold, 1868: 673 (catalog).
- Fauvel, 1871a: 50 [= 1872: 24] (characters).
- Sharp, 1871d: 15 (list of British species).
- Redtenbacher, 1874: 283 (characters).
- Fowler, 1888: 431 (notes).
- Scheerpeltz, 1933: 1026 (world catalog supplement).
- Tottenham, 1939d: 227 (type species designation).
- Tottenham, 1949: 353 (synonym of *Megarthus*; type species: *depressus*).
- Blackwelder, 1952: 304 (type species: *depressum*).
- Pope, 1977: 22 (synonym of *Megarthus*).
- Boháč, 1993: 40 (synonym of *Megarthus*).

*Psyllius* Gistel, 1834: 9 (species included: *depressus* along with one unavailable name).

**TYPE SPECIES:** *Staphylinus depressus* Paykull, fixed by monotypy.

- Blackwelder, 1952: 331 (synonym of *Megarthus*; type species: *depressus*).

**abessinus** Bernhauer, 1931d: 566 (*Megarthus*; Type locality: Abyssinia: Jem-Jem Forest, ca. 9,000 feet; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1995]).

- Scheerpeltz, 1933: 1028 (*Megarthus*; catalog).
- Cuccodoro and Löbl, 1995: 664 (*Megarthus*; lectotype designation; characters; Ethiopia).
- Cuccodoro, 1999a: 374, 376 (*Megarthus*; characters; Ethiopia).

▲ **DISTRIBUTION:** Ethiopia.

*adelphus* Bierig, 1940, see: *solitarius* Sharp, 1887.

*affinis* Miller, 1853, see: *bellevoyei* Saulcy, 1862.

*affinis* Stephens, 1834, see: *denticollis* Beck, 1817.

**africanus** Eichelbaum, 1913: 114 (*Megarthus*; Type locality: Tanzania, Tanga distr., E Usambara Range, Mt. Bomole, Amani; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1995]).

- Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).
- Cuccodoro and Löbl, 1995: 665 (*Megarthus*; lectotype designation: Tanzania, Tanga distr., E Usambara Range, Mt. Bomole, Amani; characters; Tanzania).

▲ **DISTRIBUTION:** Tanzania.

**aino** Cuccodoro, 1996: 478 (*Megarthus*; Type locality: Japan: Honshu: Iwate Pref.: Kawai, Yoshibezawa, 600–700 m).

▲ **DISTRIBUTION:** Japan.

**alienus** Cuccodoro, 1998: 106 (*Megarthus*; Type locality: New Caledonia: Col des Roussettes, north of Bourail, 500 m).

▲ **DISTRIBUTION:** New Caledonia.

**alticola** Cameron, 1924b: 164 (*Megarthus*; Type locality: Simla Hills: Narkanda, 9200 feet).

- Cameron, 1930: 131 (*Megarthus*; characters; India).
- Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).

▲ **DISTRIBUTION:** India.

**altivagans** Bernhauer, 1929h: 187 (*Megarthus*; Type locality: Mexiko: Desierto de los Leones, Meereshöhe von 3000 bis 4000 m).

- Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).

▲ **DISTRIBUTION:** Mexico.

- americanus** Sachse, 1852: 149 (*Megarthus*; Type locality: Georgia; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1996]).
- Fauvel, 1878d: 192 [= 1878e: 28] (*Megarthus*; characters; Lake Superior).
  - Fall and Cockerell, 1907: 168 (*Megarthus*; New Mexico).
  - Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).
  - Blatchley, 1910: 482 (*Megarthus*; characters; Indiana).
  - Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).
  - Campbell and Davies, 1991: 87 (*Megarthus*; checklist; Canada).
  - Cuccodoro and Löbl, 1996: 147 (*Megarthus*; lectotype designation; characters; collecting notes; Alabama; Arkansas; District of Columbia; Florida; Georgia; Illinois; Indiana; Kentucky; Louisiana; Mississippi; Missouri; New York; North Carolina; Oklahoma; South Carolina; Texas).
  - Levesque and Levesque, 1996: 291 (*Megarthus*; seasonal abundance; Quebec).
  - Downie and Arnett, 1996: 429 (*Megarthus*; characters; USA).
- ▲ **DISTRIBUTION:** USA.
- angiensis** Cuccodoro, 1998: 109 (*Megarthus*; Type locality: Indonesia: Irian Jaya, Anggi, Tetaho, Kosmena, 1400–1750 m).
- ▲ **DISTRIBUTION:** New Guinea.
- angulicollis** Mäklin, 1852: 325 (*Megarthus*; Type locality: insula Sitkha; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1996]).
- Fauvel, 1869: 494 (*Megarthus*; synonym of *sinuatocollis*).
  - Fauvel, 1871a: 54 [= 1872: 28] (*Megarthus*; synonym of *sinuatocollis*).
  - Fauvel, 1878d: 191 [= 1878e: 27] (*Megarthus*; synonym of *sinuatocollis*).
  - Fauvel, 1878d: 191 [= 1878e: 27] (*Megarthus*; cited as *sinuatocollis*; [**Note:** Misidentified according to Cuccodoro and Löbl, 1996: 151]; characters; Alaska; West Virginia).
  - Notman, 1919a: 96 (*Megarthus*; Ontario).
  - Fall, 1926: 145 (*Megarthus*; cited as *sinuatocollis*; [**Note:** Misidentified according to Cuccodoro and Löbl, 1996: 151]; Yukon Territory).
  - Scheerpeltz, 1933: 1030 (*Megarthus*; synonym of *sinuatocollis*).
  - Hatch, 1957: 107 (*Megarthus*; cited as *sinuaticollis*; [**Note:** Misidentified according to Cuccodoro and Löbl, 1996: 151]; characters; British Columbia; Washington; Oregon).
  - Campbell and Davies, 1991: 87 (*Megarthus*; checklist; USA; Canada).
  - Campbell and Davies, 1991: 87 (*Megarthus*; cited as *sinuaticollis*; [**Note:** Misidentified according to Cuccodoro and Löbl, 1996: 151]; checklist; USA; Canada).
  - Downie and Arnett, 1996: 429 (*Megarthus*; cited as *sinuaticollis*; [**Note:** Misidentified according to Cuccodoro and Löbl, 1996: 151]; characters; USA).
  - Cuccodoro and Löbl, 1996: 151 (*Megarthus*; lectotype designation; valid species; characters; collecting notes; Alberta; British Columbia; New Brunswick; Northwest Territories; Nova Scotia; Ontario; Quebec; Yukon Territory; Alaska; Arizona; Colorado; Maine; Montana; New Mexico; Oregon; South Dakota; Utah; Wyoming).
- ▲ **DISTRIBUTION:** Canada, USA.
- antennalis** Cameron, 1941: 57 (*Megarthus*; Type locality: Darjeeling: Ghum district).
- ▲ **DISTRIBUTION:** India.
- apicicornis** Cameron, 1950g: 5 (*Megarthus*; cited as *apicornis* on pages 5 and 81 and as *apicicornis* on page 6; [**Note:** See corrected spellings by Cuccodoro and Löbl, 1995]; Type locality: Belgian Congo: vers Rweru, volc. Mikeno, alt. 2400 m).
- Fagel, 1957a: 30 (*Megarthus*; cited as *apicicornis*; characters; notes; Urundi).
  - Cuccodoro and Löbl, 1995: 666 (*Megarthus*; corrected spelling of original, *apicornis*, to *apicicornis*; characters; Zaire).
- ▲ **DISTRIBUTION:** Congo.
- arcuatus** Hatch, 1957: 107 (*Megarthus*; Type locality: British Columbia: Fernie).
- Legner and Moore, 1977: 175 (*Megarthus*; found under bark).
  - Campbell and Davies, 1991: 87 (*Megarthus*; checklist; USA; Canada).
  - Cuccodoro and Löbl, 1996: 154 (*Megarthus*; characters; collecting notes; Alberta; British Columbia; Nova Scotia; California; New Hampshire; Oregon).
- ▲ **DISTRIBUTION:** Canada, USA.

- ashei** Cuccodoro and Löbl, 1996: 157 (*Megarthus*; Type locality: USA: Arizona: Apache Co., Escudilla Mt., 8 mi NE Alpine, 2730 m. Also cited from New Mexico).  
 ▲ **DISTRIBUTION:** USA.
- atratus** Mäklin, 1852: 325 (*Megarthus*; Type locality: insula Sitkha; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1996]).  
 — Fauvel, 1878d: 191 [= 1878e: 27] (*Megarthus*; characters; Sitka Island).  
 — Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).  
 — Van Dyke, 1924: 15 (*Megarthus*; Alaska).  
 — Campbell and Davies, 1991: 87 (*Megarthus*; checklist; USA; Canada).  
 — Cuccodoro and Löbl, 1996: 160 (*Megarthus*; lectotype designation: Sitka, pr. Müh.; characters; collecting notes; Alberta; British Columbia; Alaska).  
 — Ryabukhin, 1999: 13 (*Megarthus*; catalog; habitat; distribution; northeastern Russia).  
 ▲ **DISTRIBUTION:** Russia, Canada, USA.
- auricola** Cuccodoro, 1995: 254 (*Megarthus*; Type locality: Papua New Guinea, Morobe district, Bulldog Road, Hidden Valley Gold, 7°27'47"S, 146°40'30"E, 2550 m; also water loading behavior described).  
 — Cuccodoro, 1996a: 108 (*Megarthus*; water loading behavior).  
 — Cuccodoro, 1998: 111 (*Megarthus*; characters; Papua New Guinea).  
 ▲ **DISTRIBUTION:** New Guinea.
- balensis** Cuccodoro, 1999a: 378 (*Megarthus*; Type locality: Ethiopia: Bale region, Bale Mountain National Park, Dinsho Hill, above National Park Headquarters, 3200 m).  
 ▲ **DISTRIBUTION:** Ethiopia.
- baliemensis** Cuccodoro, 1998: 111 (*Megarthus*; Type locality: Indonesia: Irian Jaya, Baliem Valley, Jiwika-Wandaku, 1900–2300 m).  
 ▲ **DISTRIBUTION:** New Guinea.
- bantu** Cuccodoro and Löbl, 1995: 666 (*Megarthus*; Type locality: Zaire: Ruwenzori Range, Albert N. P., Kalonge, river Nyamwamba, tributary of Butahu, 2010 m. Also cited from Burundi and Uganda).  
 ▲ **DISTRIBUTION:** Burundi, Congo, Uganda.
- basicornis** Fauvel, 1904b: 87 (*Megarthus*; Type locality: Sikkim: Darjeeling).  
 — Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).  
 — Cameron, 1924b: 164, 165 (*Megarthus*; characters; India).  
 — Cameron, 1930: 129 (*Megarthus*; characters; India).  
 — Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).  
 ▲ **DISTRIBUTION:** India.
- basilewskyi** Fagel, 1957a: 27 (*Megarthus*; Type locality: Ruanda: territoire de Kibuye, Yanina, 2300 m. Also cited from Belgian Congo).  
 — Cuccodoro and Löbl, 1995: 667 (*Megarthus*; characters; Rwanda; Zaire).  
 ▲ **DISTRIBUTION:** Congo, Rwanda.
- bellevoeyi** Saulcy, 1862: 69 (*Megarthus*; Type locality: Metz; Norroy-le-Sec; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1997]).  
 — Brisout, 1862: xlvi (sic) (*Megarthus*; characters).  
 — Fauvel, 1871a: 53 [= 1872: 27] (*Megarthus*; synonym of *affinis*).  
 — Mulsant and Rey, 1878b: 241 (*Megarthus*; synonym of *affinis*).  
 — Ganglbauer, 1895: 762 (*Megarthus*; synonym of *affinis*).  
 — Bernhauer and Schubert, 1910: 35 (*Megarthus*; synonym of *affinis*).  
 — Scheerpeltz, 1933: 1029 (*Megarthus*; synonym of *affinis*).  
 — Cuccodoro and Löbl, 1997: 1354 (*Megarthus*; valid species; lectotype designation: [**Note:** Locality not cited]; characters; collecting notes; summary of distribution, Europe, North Africa, Middle East, Caucasus, Far East Russia).  
 — Assing, Frisch, Kahlen, et al., 1998: 120 (*Megarthus*; note).  
 — Assing and Wunderle, 2001: 36 (*Megarthus*; Cyprus).  
 ▲ **DISTRIBUTION:** Europe, Caucasus, Algeria, Tunisia, Libya, Turkey, Far Eastern Russia.

- affinis* Miller, 1853: 28 (*Megarthus*; [**preoccupied**]; Type locality: Wien).  
 — Redtenbacher, 1857: 258 (*Megarthus*; characters; Austria).  
 — Kraatz, 1857d: 1029 (*Megarthus*; [**Note**: Misidentification: Bernhauer and Schubert, 1910: 35 cited *sinuatocollis* Kraatz as a synonym of *affinis*; Kraatz did not describe the species as new, he attributed it to Lacordaire]; characters; Germany).  
 — Kraatz, 1857d: 1029 (*Megarthus*; synonym of *sinuatocollis*).  
 — Kraatz, 1868c: 350 (*Megarthus*; synonym of *sinuatocollis*).  
 — Fauvel, 1871a: 53 [= 1872: 27] (*Megarthus*; characters; France; Britain; Germany; Austria; Italy; Corsica; Spain; Turkey; Algeria).  
 — Fauvel, 1873b: 110 [= 1873c: 3] (*Megarthus*; Sicily).  
 — Redtenbacher, 1874: 283 (*Megarthus*; characters; Austria).  
 — Fauvel, 1878: 86 [= 1878a: 6] (*Megarthus*; Algeria).  
 — Mulsant and Rey, 1878b: 240 (*Megarthus*; characters; France).  
 — Fauvel, 1886: 12 [= 1886a: 4] (*Megarthus*; Algeria; Tunisia).  
 — Fowler, 1888: 430 (*Megarthus*; characters; Britain).  
 — Ganglbauer, 1895: 762 (*Megarthus*; characters; middle Europe; Mediterranean region).  
 — Fauvel, 1902b: 49 (*Megarthus*; Algeria; Tunisia).  
 — Sainte-Claire Deville, 1906: 67 (*Megarthus*; Corsica).  
 — Montandon, 1908: 77 (*Megarthus*; Romania).  
 — Reitter, 1909: 198 (*Megarthus*; characters; Germany).  
 — Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).  
 — Portevin, 1929: 457 (*Megarthus*; characters; France).  
 — Gridelli, 1930: 60 (*Megarthus*; Libya).  
 — Scheerpeltz, 1931a: 188 (*Megarthus*; characters in key).  
 — Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).  
 — Paulian, 1941: 145 (*Megarthus*; larval characters).  
 — Scheerpeltz, 1947: 259 (*Megarthus*; characters).  
 — Horion, 1963: 23 (*Megarthus*; Algeria; eastern Russia; Britain; Holland; Belgium; France; Spain; Italy; Dalmatia; Greece; Crete; Turkey; Romania; Hungary; Czechoslovakia; Poland; Russia; Germany; Austria).  
 — Lohse, 1964: 23 (*Megarthus*; characters; central Europe).  
 — Pototskaia, 1967: 19 (*Megarthus*; larval characters).  
 — Pope, 1977: 22 (*Megarthus*; Britain).  
 — Hammond, 1980: 135 (*Megarthus*; Ireland).  
 — Tóth, 1982: 29 (*Megarthus*; characters; Hungary).  
 — Lucht, 1987: 85 (*Megarthus*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux).  
 — Boháč, 1993: 40 (*Megarthus*; Czech Republic; Slovakia).  
 — Sparacio, 1995: 137 (*Megarthus*; characters; notes; Sicily).  
 — Zanetti, 1995: 5 (*Megarthus*; Italy).  
 — Krasutskii, 1997: 304 (*Megarthus*; found on *Pleurotus calyptratus*; western Siberia).  
 — Cuccodoro and Löbl, 1997: 1354 (*Megarthus*; synonym of *bellevoyei*).  
 — Assing, Frisch, Kahlen, et al., 1998: 120 (*Megarthus*; synonym of *bellevoyei*).
- bimaculatus** Fauvel, 1904b: 87 (*Megarthus*; Type locality: Ceylan).  
 — Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).  
 — Cameron, 1924b: 165 (*Megarthus*; characters; India).  
 — Cameron, 1930: 128 (*Megarthus*; characters; Ceylon; India).  
 — Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).  
 ▲ **DISTRIBUTION:** India, Sri Lanka.
- birmanus** Fauvel, 1895: 194 (*Megarthus*; Type locality: Bírmanie, Carin Asciiui Ghécu, 1400–1500 m).  
 — Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).  
 — Cameron, 1924b: 163, 165 (*Megarthus*; characters; India).  
 — Cameron, 1930: 128 (*Megarthus*; characters; Burma; India).  
 — Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).  
 ▲ **DISTRIBUTION:** Myanmar, India.

- borealis** Cuccodoro and Löbl, 1996: 163 (*Megarthus*; Type locality: USA: Alaska: Prudhoe Bay Rd., Fish Cr., 150°50'W, 66°32'N, 250 m).  
▲ **DISTRIBUTION:** USA.
- calcaratus** Coiffait, 1977: 256 (*Megarthus*; Type locality: Khumba Pari, Népal, 3550 m).  
— Coiffait, 1982: 40 (*Megarthus*; Nepal).  
▲ **DISTRIBUTION:** Nepal.
- chatterjeei** Cameron, 1924b: 162, 165 (*Megarthus*; Type locality: Chakrata District, 5000 to 6500 feet).  
— Cameron, 1930: 130 (*Megarthus*; characters; India).  
— Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).  
▲ **DISTRIBUTION:** India.
- chinese** J. Li, 1993: 53 (*Megarthus*; Type locality: Mount Laoye).  
▲ **DISTRIBUTION:** China.
- chobauti** Fauvel, 1902b: 49, 179 (*Megarthus*; Type locality: Yakouren, Kabylie; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1997]. Originally cited from Kabylie: sommet du Djebel Bou-Berak près Dellys; forêt d'Yakouren; Bougie).  
— Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).  
— Cuccodoro and Löbl, 1997: 1357 (*Megarthus*; lectotype designation: Yakouren, Kabylie; characters; Algeria).  
▲ **DISTRIBUTION:** Algeria.
- clarkei** Cuccodoro and Löbl, 1995: 668 (*Megarthus*; Type locality: Ethiopia: Shewa prov., Addis Abeba).  
— Cuccodoro, 1999a: 376 (*Megarthus*; characters; Ethiopia).  
▲ **DISTRIBUTION:** Ethiopia.
- conformis** Sawada, 1962: 11, 15 (*Megarthus*; Type locality: Japan: Honshu: Kitashirakawa, Kyoto City).  
— Cuccodoro, 1996: 480 (*Megarthus*; characters; Japan).  
▲ **DISTRIBUTION:** Japan.
- congoensis** Cameron, 1950g: 4 (*Megarthus*; Type locality: Belgian Congo: volc. Visoke, alt. 2800–3300 m).  
— Cuccodoro and Löbl, 1995: 669 (*Megarthus*; characters; Rwanda).  
▲ **DISTRIBUTION:** Congo, Rwanda.
- conspirator** Cuccodoro, 1996: 481 (*Megarthus*; Type locality: Japan: Honshu: Gunma Pref.: Nikko N. P., below Konsei Pass, 1500–1600 m. Also cited from Sakhalin).  
— Cuccodoro and Löbl, 1997: 1360 (*Megarthus*; characters; Japan; Far East Russia).  
▲ **DISTRIBUTION:** Japan, Sakhalin, Russia.
- constrictus** Cuccodoro, 1996: 482 (*Megarthus*; Type locality: Japan: Honshu: Nagano Pref.: Minami Alps, Kitazawa Toge, 2000 m).  
▲ **DISTRIBUTION:** Japan.
- convexus** Sharp, 1874: 100 (*Megarthus*; Type locality: Simabara; [**Note:** See lectotype designation by Cuccodoro, 1996]).  
— Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).  
— Sawada, 1962: 11 (*Megarthus*; cited as *convex*; characters; Japan).  
— Nakane, 1963a: 82 (*Megarthus*; characters; habitus photograph; Japan).  
— Watanabe and Shibata, 1972: 60 (*Megarthus*; Yaku-shima Island).  
— Cuccodoro, 1996: 482 (*Megarthus*; lectotype designation; characters; Japan).  
▲ **DISTRIBUTION:** Japan.
- corticale* Lacordaire, 1835, see: *Metopsia*.
- corticalis** Sharp, 1889: 468 (*Megarthus*; Type locality: Oyayama; [**Note:** See lectotype designation by Cuccodoro, 1996]).  
— Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).  
— Sawada, 1962: 10 (*Megarthus*; characters; Japan).



- Nakane, 1963a: 82 (*Megarthus*; characters; habitus photograph; Japan).
- Cuccodoro, 1996: 483 (*Megarthus*; lectotype designation; characters; Japan).

▲ **DISTRIBUTION:** Japan.

**danieli** Cuccodoro, 1999a: 380 (*Megarthus*; Type locality: Ethiopia: Bale region, Bale Mountains National Park, Harena Forest, Katcha area, 2400 m).

▲ **DISTRIBUTION:** Ethiopia.

**dentatus** Coiffait, 1977: 258 (*Megarthus*; Type locality: Khumba Lager, Népal, 2200 m).

▲ **DISTRIBUTION:** Nepal.

**denticollis** Beck, 1817: 26 (*Omalium*; Type locality: München Umg., Engl. Garten Heu; [Note: See neotype designation by Cuccodoro and Löbl, 1997]. Originally cited from Baiern).

- Illiger, 1798: 355 (*Silpha*; variety  $\alpha$  of *hemipterus*; [Note: Cited as a synonym of *denticollis* by Mulsant and Rey, 1878b: 246 and Bernhauer and Schubert, 1910: 35; there is no available name]; characters).
- Erichson, 1840: 906 (*Megarthus*; characters; Europe).
- Redtenbacher, 1849: 756 (*Megarthus*; characters; Austria).
- Hardy, 1851: 64 (*Megarthus*; notes; England).
- Fairmaire and Laboulbène, 1856: 655 (*Megarthus*; characters; France).
- Redtenbacher, 1857: 257 (*Megarthus*; characters; Austria).
- Kraatz, 1857d: 1030 (*Megarthus*; characters; Germany).
- Peyron, 1858: 434 (*Megarthus*; Turkey).
- Thomson, 1861: 219 (*Megarthus*; characters; Scandinavia).
- Saulcy, 1862: 70 (*Megarthus*; key characters).
- Fauvel, 1871a: 54 [= 1872: 28] (*Megarthus*; characters; France; Scandinavia; Britain; Germany).
- Fauvel, 1873b: 110 [= 1873c: 3] (*Megarthus*; Austria; Russia).
- Redtenbacher, 1874: 282 (*Megarthus*; characters; Austria).
- Seidlitz, 1875: 232 (*Megarthus*; characters; Baltic region).
- J. Sahlberg, 1876: 225 (*Megarthus*; Finland).
- Mulsant and Rey, 1878b: 246 (*Megarthus*; characters; France).
- Fowler, 1888: 429 (*Megarthus*; characters; Britain).
- Ganglbauer, 1895: 762 (*Megarthus*; characters; north and middle Europe; Asia Minor).
- Reitter, 1909: 198 (*Megarthus*; characters; Germany).
- Bernhauer and Schubert, 1910: 35 (*Megarthus*; catalog).
- Johansen, 1914: 630 (*Megarthus*; characters; Denmark).
- Portevin, 1929: 457 (*Megarthus*; characters; France).
- Scheerpeltz, 1931a: 191 (*Megarthus*; characters in key).
- Scheerpeltz, 1933: 1029 (*Megarthus*; catalog).
- Kuusinen, 1933: 69 (*Megarthus*; characters; illustrations; Finland).
- Scheerpeltz, 1947: 262 (*Megarthus*; characters).
- Palm, 1948: 42 (*Megarthus*; characters; Sweden; Denmark; Norway; Finland).
- Horion, 1963: 24 (*Megarthus*; eastern Russia; Caucasus; Ireland; Scotland; Lapland; Russia; France; Italy; Balkans; Germany; Austria).
- Lohse, 1964: 23 (*Megarthus*; characters; central Europe).
- Raianu, 1964: 106 (*Megarthus*; Romania).
- Kasule, 1966: 279 (*Megarthus*; larval characters).
- Bacchus and Hammond, 1972: 62 (*Megarthus*; donkey dung; Britain).
- Pope, 1977: 22 (*Megarthus*; Britain).
- Hammond, 1980: 135 (*Megarthus*; Ireland).
- Tóth, 1982: 30 (*Megarthus*; characters; Hungary).
- Lucht, 1987: 85 (*Megarthus*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
- Dettner and Reissenweber, 1991 (*Megarthus*; defensive secretions: chemistry and systematics).
- Welch, 1993: 227 (*Megarthus*; ovariole number and ovary structure).
- Boháč, 1993: 40 (*Megarthus*; Czech Republic; Slovakia).

- Zanetti, 1995: 5 (*Megarthus*; Italy).
- Muona and Viramo, 1995: 9 (*Megarthus*; collected from fungus and dung of *Ursus arctos*; Finland).
- Cuccodoro, 1996: 484 (*Megarthus*; characters; Japan).
- Cuccodoro and Löbl, 1997: 1361 (*Megarthus*; neotype designation: München Umg., Engl. Garten Heu; characters; collecting notes; Palaearctic region; Syrian record needs confirmation).
- Assing, Frisch, Kahlen, et al., 1998: 120 (*Megarthus*; note).
- Kashcheev, 1999a: 57 (*Megarthus*; Kazakhstan).
- ▲ **DISTRIBUTION:** Europe, Russia, Turkey, Japan.

*rufescens* Stephens, 1834: 331 (*Megarthus*; Type locality: Hertford; Ripley; London; Somersetshire; Salop; New Forest; Suffolk; Norfolk; Devon; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1997]).

- Stephens, 1839: 423 (*Megarthus*; characters; England).
- Erichson, 1840: 906 (*Megarthus*; synonym of *hemipterus*).
- Kraatz, 1857d: 1031 (*Megarthus*; synonym of *hemipterus*).
- G. Waterhouse, 1858: 32 (*Megarthus*; synonym of *denticollis*).
- Ganglbauer, 1895: 762 (*Megarthus*; synonym of *denticollis*).
- Bernhauer and Schubert, 1910: 35 (*Megarthus*; synonym of *denticollis*).
- Cuccodoro and Löbl, 1997: 1361, 1363 (*Megarthus*; lectotype designation: [**Note:** Locality not cited]; synonym of *denticollis*).

*affinis* Stephens, 1834: 333 (*Megarthus*; [**Note:** **Nomen dubium**; see Cuccodoro and Löbl, 1997]; Type locality: Devonshire).

- Stephens, 1839: 424 (*Megarthus*; characters; England).
- G. Waterhouse, 1858: 32 (*Megarthus*; synonym of *denticollis*).
- Ganglbauer, 1895: 762 (*Megarthus*; synonym of *denticollis*).
- Bernhauer and Schubert, 1910: 35 (*Megarthus*; synonym of *denticollis*).
- Pope, 1977: 22 (*Megarthus*; synonym of *denticollis*).
- Cuccodoro and Löbl, 1997: 1351 (*Megarthus*; nomen dubium).

*marginatus* Stephens, 1834: 333 (*Megarthus*; [**Note:** **Nomen dubium**; see Cuccodoro and Löbl, 1997]; Type locality: Essex near Southend).

- Stephens, 1839: 424 (*Megarthus*; characters; England).
- Hardy, 1851: 64 (*Megarthus*; synonym of *denticollis*).
- G. Waterhouse, 1858: 32 (*Megarthus*; synonym of *depressus* and *denticollis*).
- Bernhauer and Schubert, 1910: 35 (*Megarthus*; synonym of *denticollis*).
- Cuccodoro and Löbl, 1997: 1351 (*Megarthus*; nomen dubium).

*marginicollis* Lacordaire, 1835: 492 (*Phloeobium*; [**Note:** **Nomen dubium**; see Cuccodoro and Löbl, 1997]; Type locality: Paris).

- Erichson, 1839a: 644 (*Megarthus*; characters; Germany).
- Heer, 1839: 171 (*Megarthus*; characters; Switzerland).
- Erichson, 1840: 906 (*Megarthus*; synonym of *denticollis*).
- Redtenbacher, 1849: 756 (*Megarthus*; synonym of *denticollis*).
- Hardy, 1851: 64 (*Megarthus*; synonym of *denticollis*).
- Kraatz, 1857d: 1030 (*Megarthus*; synonym of *denticollis*).
- Mulsant and Rey, 1878b: 246 (*Megarthus*; synonym of *denticollis*).
- Ganglbauer, 1895: 762 (*Megarthus*; synonym of *denticollis*).
- Bernhauer and Schubert, 1910: 35 (*Megarthus*; synonym of *denticollis*).
- Cuccodoro and Löbl, 1997: 1351 (*Megarthus*; nomen dubium).

*minimus* Bruce, 1931: 194 (*Megarthus*; variety of *denticollis*; [**Note:** **Nomen dubium**; see Cuccodoro and Löbl, 1997]; Type locality: Tullstuguputten).

- Cuccodoro and Löbl, 1997: 1351 (*Megarthus*; nomen dubium).

**dentipes** Bernhauer, 1938: 17 (*Megarthus*; Type locality: Nordwestl. China: Chinkingang; [**Note:** See lectotype designation by Cuccodoro and Löbl, 1997]).

- Cuccodoro and Löbl, 1997: 1364 (*Megarthus*; lectotype designation; characters; China).

▲ **DISTRIBUTION:** China.